

Supplemental Table S4. 5,551 UAS-cDNA/ORF constructs generated by CRISPRmass from cDNA or ORF plasmids

Number for UAS-cDNA/ORF	Symbol of fly gene	DGRC Gold Collection clone ID	Vector for the DGRC Gold Collection clone	Size of cDNA or ORF (bps)	FlyBase ID	Human ortholog	UniProt ID of human ortholog	Restriction digestion pattern of UAS-cDNA/ORF construct (enzyme: fragment size in bps)
P1	<i>twr</i>	GM04682	pBS SK-	861	FBgn0262801	<i>SEC11A</i>	ENSG00000140612	Pvull: 3736 2513 1347 861 767 460
P2	<i>Neos</i>	HL05936	pBS SK-	1253	FBgn0024542	<i>NCOA5</i>	ENSG00000124160	Pvull: 3736 2513 1619 1347 861
P3	<i>Sec13</i>	LD03471	pBS SK-	1522	FBgn0024509	<i>SEC13</i>	ENSG00000157020	Pvull: 3736 2513 1888 1347 861
P4	<i>RnrL</i>	LD06546	pBS SK-	2578	FBgn0011703	<i>RRM1</i>	ENSG00000167325	Pvull: 3736 2513 1435 1347 861 602 499 408
P5	<i>RfC38</i>	LD06837	pBS SK-	1266	FBgn0028700	<i>RFC3</i>	ENSG00000133119	Pvull: 3736 2513 1347 1236 861 396
P6	<i>dUTPase</i>	LD08534	pBS SK-	822	FBgn0250837	<i>DUT</i>	ENSG00000128951	Pvull: 3736 2513 1347 861 826 362
P7	<i>ball</i>	LD09009	pBS SK-	1960	FBgn0027889	<i>VRK3</i>	ENSG00000105053	Pvull: 3736 2513 1347 1291 1035 861
P8	<i>SsRbeta</i>	LD10457	pBS SK-	949	FBgn0011016	<i>SSR2</i>	ENSG00000163479	Pvull: 3736 2513 1347 1315 861
P9	<i>CoVllc</i>	LD14731	pBS SK-	1186	FBgn0040773	<i>COX7C</i>	ENSG00000127184	Pvull: 3736 2513 1552 1347 861
P10	<i>Tsp96F</i>	LD19727	pBS SK-	2673	FBgn0027865	<i>TSPAN9</i>	ENSG00000011105	Pvull: 3736 3039 2513 1347 861
P11	<i>Srp54k</i>	GM09489	pBS SK-	2031	FBgn0010747	<i>SRP54</i>	ENSG00000100883	Pvull: 3736 2513 1853 1347 861 544
P12	<i>mre11</i>	LD08638	pBS SK-	1997	FBgn0020270	<i>MRE11</i>	ENSG00000020922	Pvull: 3736 2513 1728 1347 861 356 279
P13	<i>UK114</i>	GM01181	pBS SK-	510	FBgn0086691	<i>RIDA</i>	ENSG00000132541	Pvull: 3736 2513 1347 861 590 286
P14	<i>CG5727</i>	LD02427	pBS SK-	721	FBgn0032193	<i>MSANTD2</i>	ENSG00000120458	Pvull: 3736 2513 1347 1087 861
P15	<i>SmD2</i>	LD03002	pBS SK-	773	FBgn0261789	<i>SNRPD2</i>	ENSG00000125743	Pvull: 3736 2513 1347 1139 861
P16	<i>Pomp</i>	LD03247	pBS SK-	1076	FBgn0032884	<i>POMP</i>	ENSG00000132963	Pvull: 3736 2513 1442 1347 861
P17	<i>mRpL51</i>	LD03534	pBS SK-	595	FBgn0032053	<i>MRPL51</i>	ENSG00000111639	Pvull: 3736 2513 1347 961 861
P18	<i>mRpL24</i>	LD05344	pBS SK-	869	FBgn0031651	<i>MRPL24</i>	ENSG00000143314	Pvull: 3736 2513 1347 1235 861
P19	<i>Atg8a</i>	LD05816	pBS SK-	1085	FBgn0052672	<i>MAP1LC3B2</i>	ENSG00000258102	Pvull: 3736 2513 1451 1347 861
P20	<i>CG14647</i>	LD05823	pBS SK-	1223	FBgn0037244	<i>KCNQ1</i>	ENSG00000026559	Pvull: 3736 2513 1347 1323 861 266
P21	<i>Lsm12a</i>	LD05893	pBS SK-	1221	FBgn0030364	<i>LSM12</i>	ENSG00000161654	Pvull: 3736 2513 1347 1043 861 544
P22	<i>Manf</i>	LD06293	pBS SK-	854	FBgn0027095	<i>MANF</i>	ENSG00000145050	Pvull: 3736 2513 1347 861 614 606
P23	<i>CG3402</i>	LD06317	pBS SK-	1008	FBgn0035148	<i>TAX1BP3</i>	ENSG00000213977	Pvull: 3736 2513 1374 1347 861
P24	<i>CG1890</i>	LD07673	pBS SK-	705	FBgn0039869	<i>TBCA</i>	ENSG00000171530	Pvull: 3736 2513 1347 1071 861
P25	<i>CG11986</i>	LD08328	pBS SK-	1241	FBgn0037656	<i>HMCES</i>	ENSG00000183624	Pvull: 3736 2513 1607 1347 861
P26	<i>CG3358</i>	LD08659	pBS SK-	969	FBgn0033117	<i>TATDN1</i>	ENSG00000147687	Pvull: 3736 2513 1347 861 639 364 240 92
P27	<i>Prosbeta5</i>	LD08717	pBS SK-	1136	FBgn0029134	<i>PSMB11</i>	ENSG00000222028	Pvull: 3736 2513 1502 1347 861
P28	<i>Rpe</i>	LD09559	pBS SK-	921	FBgn0050499	<i>RPE</i>	ENSG00000197713	Pvull: 3736 2513 1347 1287 861
P29	<i>mRpL44</i>	LD10028	pBS SK-	1127	FBgn0037330	<i>MRPL44</i>	ENSG00000135900	Pvull: 3736 2513 1347 960 861 533
P30	<i>thoc7</i>	LD10274	pBS SK-	876	FBgn0035110	<i>THOC7</i>	ENSG00000163634	Pvull: 3736 2513 1347 861 743 499
P31	<i>CG3226</i>	LD13807	pBS SK-	851	FBgn0029882	<i>CACYBP</i>	ENSG00000116161	Pvull: 3736 2513 1347 951 861 266
P33	<i>CG15107</i>	LD14312	pBS SK-	1032	FBgn0041702	<i>MYPOP</i>	ENSG00000176182	Pvull: 3736 2513 1347 861 851 547
P34	<i>CG31673</i>	LD14730	pBS SK-	1123	FBgn0051673	<i>GRHPR</i>	ENSG00000137106	Pvull: 3736 2513 1347 997 861 492
P35	<i>sqh</i>	LD14743	pBS SK-	1137	FBgn0003514	<i>MYL7</i>	ENSG00000106631	Pvull: 3736 2513 1347 861 725 508 270
P36	<i>MED6</i>	LD15729	pBS SK-	1814	FBgn0024330	<i>MED6</i>	ENSG00000133997	Pvull: 3736 2513 1674 1347 861 506
P38	<i>Arfrp1</i>	LD17730	pBS SK-	1074	FBgn0030088	<i>ARFRP1</i>	ENSG00000101246	Pvull: 3736 2513 1440 1347 861
P39	<i>CG10214</i>	LD18757	pBS SK-	953	FBgn0039115	<i>REXO2</i>	ENSG00000076043	Pvull: 3736 2513 1347 1319 861
P40	<i>CG4594</i>	LD18769	pBS SK-	1022	FBgn0032161	<i>ECI1</i>	ENSG00000167969	verified by sequencing
P41	<i>endos</i>	LD19034	pBS SK-	1098	FBgn0061515	<i>ENSA</i>	ENSG00000143420	Pvull: 3736 2513 1464 1347 861

P43	<i>elm</i>	LD19356	pBS SK-	1140	FBgn0037358	<i>CHP2</i>	ENSG00000166869	Pvull: 3736 2513 1506 1347 861
P44	<i>vnc</i>	LD19812	pBS SK-	1020	FBgn0263251	<i>NAA11</i>	ENSG00000156269	verified by sequencing
P45	<i>CG7860</i>	LD20519	pBS SK-	1210	FBgn0030653	<i>ASRGL1</i>	ENSG00000162174	Pvull: 3736 2513 1576 1347 861
P46	<i>cl</i>	GM02967	pBS SK-	621	FBgn0000318	<i>TXNDC17</i>	ENSG00000129235	verified by sequencing
P47	<i>Rpb8</i>	GM03174	pBS SK-	696	FBgn0037121	<i>POLR2H</i>	ENSG00000163882	verified by sequencing
P49	<i>mRpL12</i>	GM03767	pBS SK-	693	FBgn0011787	<i>SLC25A27</i>	ENSG00000153291	Pvull: 3736 2513 1347 861 744 315
P50	<i>RPA2</i>	GM04951	pBS SK-	965	FBgn0032906	<i>RPA4</i>	ENSG00000204086	Pvull: 3736 2513 1347 1331 861
P51	<i>CG7382</i>	GM05057	pBS SK-	899	FBgn0031708	<i>TIMM21</i>	ENSG00000075336	Pvull: 3736 2513 1347 861 592 438 235
P53	<i>mRpL50</i>	GM06185	pBS SK-	717	FBgn0028648	<i>MRPL50</i>	ENSG00000136897	Pvull: 3736 2513 1347 861 495 339 249
P54	<i>Idi</i>	GM08271	pBS SK-	927	FBgn0038876	<i>IDI1</i>	ENSG00000067064	Pvull: 3736 2513 1347 1033 861 260
P55	<i>CG12107</i>	GM08654	pBS SK-	738	FBgn0033209	<i>TGIF2-C20orf24</i>	ENSG00000259399	Pvull: 3736 2513 1347 861 612 492
P56	<i>Ntf-2</i>	GM08921	pBS SK-	747	FBgn0031145	<i>NUTF2</i>	ENSG00000102898	Pvull: 3736 2513 1347 1113 861
P57	<i>CG14715</i>	GM09283	pBS SK-	598	FBgn0037930	<i>FKBP6</i>	ENSG00000077800	Pvull: 3736 2513 1347 964 861
P58	<i>RpL17</i>	GM02242	pBS SK-	885	FBgn0029897	<i>RPL17</i>	ENSG00000265681	Pvull: 3736 2513 1347 861 768 483
P59	<i>Clc</i>	GM02293	pBS SK-	1142	FBgn0024814	<i>CLTA</i>	ENSG00000122705	Pvull: 3736 2513 1508 1347 861
P60	<i>CG11899</i>	GM02605	pBS SK-	1185	FBgn0014427	<i>PSAT1</i>	ENSG00000135069	Pvull: 3736 2513 1551 1347 861
P61	<i>elF2B-alpha</i>	HL01112	pBS SK-	999	FBgn0039726	<i>EIF2B1</i>	ENSG00000111361	Pvull: 3736 2513 1365 1347 861
P62	<i>CG11007</i>	LD01519	pBS SK-	1223	FBgn0034455	<i>TMX2</i>	ENSG00000213593	Pvull: 3736 2513 1347 861 774 508 271 36
P63	<i>l(2)06496</i>	LD16285	pBS SK-	1171	FBgn0010622	<i>DCTN3</i>	ENSG00000137100	Pvull: 3736 2513 1347 945 861 574 18
P65	<i>RpL11</i>	LD17235	pBS SK-	726	FBgn0013325	<i>RPL11</i>	ENSG00000142676	Pvull: 3736 2513 1347 861 685 407
P66	<i>e(r)</i>	LD03564	pBS SK-	871	FBgn0011586	<i>ERH</i>	ENSG00000100632	Pvull: 3736 2513 1347 1237 861
P67	<i>Fer3</i>	LD04689	pBS SK-	822	FBgn0037937	<i>ATOH7</i>	ENSG00000179774	Pvull: 3736 2513 1347 1188 861
P68	<i>Ho</i>	LD07651	pBS SK-	1127	FBgn0037933	<i>HMOX2</i>	ENSG00000103415	Pvull: 3736 2513 1493 1347 861
P69	<i>CG12935</i>	LD08826	pBS SK-	1232	FBgn0033547	<i>TMEM223</i>	ENSG00000168569	Pvull: 3736 2513 1598 1347 861
P70	<i>hng2</i>	LD09733	pBS SK-	1213	FBgn0037634	<i>MSANTD2</i>	ENSG00000120458	Pvull: 3736 2513 1579 1347 861
P71	<i>CG3587</i>	LD09945	pBS SK-	1084	FBgn0023521	<i>KTI12</i>	ENSG00000198841	Pvull: 3736 2513 1347 980 861 410 60
P72	<i>Su(var)205</i>	LD10408	pBS SK-	1026	FBgn0003607	<i>CBX5</i>	ENSG00000094916	Pvull: 3736 2513 1392 1347 861
P73	<i>vito</i>	LD10447	pBS SK-	932	FBgn0052418	<i>NOL12</i>	ENSG00000273899	Pvull: 3736 2513 1347 1298 861
P74	<i>CG1840</i>	LD12750	pBS SK-	725	FBgn0030351	<i>SELENOK</i>	ENSG00000113811	Pvull: 3736 2513 1347 1091 861
P75	<i>Pld3</i>	GM01519	pBS SK-	1811	FBgn0032923	<i>PLD3</i>	ENSG00000105223	Pvull: 3736 2513 1347 1192 985 861
P76	<i>CG3630</i>	HL01173	pBS SK-	1943	FBgn0023540	<i>ABRACL</i>	ENSG00000146386	Pvull: 3736 2513 1347 927 861 787 595
P77	<i>skpA</i>	HL01263	pBS SK-	1533	FBgn0025637	<i>SKP1</i>	ENSG00000113558	Pvull: 3736 2513 1899 1347 861
P78	<i>wmd</i>	HL01517	pBS SK-	1591	FBgn0034876	<i>STRAP</i>	ENSG00000023734	Pvull: 3736 2513 1957 1347 861
P80	<i>Tat</i>	HL01728	pBS SK-	2569	FBgn0035989	<i>ATAT1</i>	ENSG00000137343	verified by sequencing
P81	<i>laza</i>	HL01743	pBS SK-	2387	FBgn0037163	<i>PLPP2</i>	ENSG00000141934	Pvull: 3736 2513 1347 974 861 679 525 425 150
P82	<i>CG10068</i>	LD01482	pBS SK-	1650	FBgn0037473	<i>ELMOD2</i>	ENSG00000179387	Pvull: 3736 2513 1347 1227 861 789
P83	<i>Nipsnap</i>	LD01807	pBS SK-	1309	FBgn0030724	<i>NIPSNAP1</i>	ENSG00000184117	Pvull: 3736 2513 1675 1347 861
P84	<i>Cdk5</i>	LD01910	pBS SK-	1582	FBgn0013762	<i>CDK16</i>	ENSG00000102225	verified by sequencing
P85	<i>RhoGAP68F</i>	LD02491	pBS SK-	2201	FBgn0036257	<i>PRR5-ARHGAP8</i>	ENSG00000248405	Pvull: 3736 2567 2513 1347 861
P86	<i>CG5445</i>	LD03052	pBS SK-	1935	FBgn0030838	<i>C6orf106</i>	ENSG00000196821	verified by sequencing
P87	<i>CG5986</i>	LD03179	pBS SK-	1339	FBgn0043455	<i>SDE2</i>	ENSG00000143751	Pvull: 3736 2513 1705 1347 861
P88	<i>CG11474</i>	LD03212	pBS SK-	1539	FBgn0034688	<i>ARMT1</i>	ENSG00000146476	Pvull: 3736 2513 1372 1347 861 533
P89	<i>stmA</i>	LD03322	pBS SK-	2741	FBgn0086784	<i>EFR3B</i>	ENSG00000084710	Pvull: 3736 2513 2182 1347 861 769 156
P90	<i>Pp1-87B</i>	LD03380	pBS SK-	2222	FBgn0004103	<i>PPP1CA</i>	ENSG00000172531	Pvull: 3736 2588 2513 1347 861
P91	<i>exd</i>	LD03509	pBS SK-	2433	FBgn0000611	<i>PBX4</i>	ENSG00000105717	Pvull: 3736 2513 1347 1246 1142 861 411
P92	<i>mus81</i>	LD03548	pBS SK-	2227	FBgn0040347	<i>MUS81</i>	ENSG00000172732	Pvull: 3736 2513 1347 861 692 667 490 438 306
P93	<i>usnp</i>	LD03592	pBS SK-	1206	FBgn0034913	<i>SNAP29</i>	ENSG00000099940	Pvull: 3736 2513 1347 906 861 666
P94	<i>Wwox</i>	LD03827	pBS SK-	1460	FBgn0031972	<i>RDH12</i>	ENSG00000139988	Pvull: 3736 2513 1826 1347 861

P95	<i>Dd</i>	LD04380	pBS SK-	2292	FBgn0029067	<i>CTDNBP1</i>	ENSG00000175826	Pvull: 3736 2658 2513 1347 861
P96	<i>ltd</i>	LD04613	pBS SK-	2389	FBgn0002567	<i>RAB29</i>	ENSG00000117280	Pvull: 3736 2513 1347 1192 1029 861 381 153
P97	<i>RpA-70</i>	LD04815	pBS SK-	2112	FBgn0010173	<i>RPA1</i>	ENSG00000132383	Pvull: 3736 2513 2035 1347 861 443
P98	<i>ste24a</i>	LD04933	pBS SK-	1555	FBgn0034176	<i>ZMPSTE24</i>	ENSG00000084073	Pvull: 3736 2513 1347 1288 861 574 59
P99	<i>conu</i>	LD04957	pBS SK-	2215	FBgn0039994	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2581 2513 1347 861
P100	<i>CG6693</i>	LD05521	pBS SK-	1392	FBgn0037878	<i>DNAJC9</i>	ENSG00000213551	Pvull: 3736 2513 1758 1347 861
P101	<i>Cklalpha</i>	LD05574	pBS SK-	2285	FBgn0015024	<i>CSNK1D</i>	ENSG00000141551	verified by sequencing
P102	<i>Stk</i>	LD05623	pBS SK-	1588	FBgn0046692	<i>STRADB</i>	ENSG00000082146	Pvull: 3736 2513 1393 1347 861 561
P103	<i>Poc1</i>	LD05671	pBS SK-	1643	FBgn0036354	<i>APAF1</i>	ENSG00000120868	Pvull: 3736 2513 1347 1011 861 588 410
P104	<i>shop</i>	LD05920	pBS SK-	2125	FBgn0030966	<i>SUOX</i>	ENSG00000139531	Pvull: 3736 2513 1983 1347 861 508
P105	<i>Zyx</i>	LD06023	pBS SK-	1970	FBgn0011642	<i>ZYX</i>	ENSG00000159840	Pvull: 3736 2513 2336 1347 861
P106	<i>rho</i>	LD06131	pBS SK-	2525	FBgn0004635	<i>RHBDL2</i>	ENSG00000158315	Pvull: 3736 2513 1347 1344 1061 861 486
P107	<i>CG10984</i>	LD07457	pBS SK-	2303	FBgn0036305	<i>ANKRD12</i>	ENSG00000101745	Pvull: 3736 2513 2033 1347 861 636
P108	<i>MED25</i>	LD07688	pBS SK-	2735	FBgn0038760	<i>MED25</i>	ENSG00000104973	Pvull: 3736 2513 2320 1347 861 781
P109	<i>CG6928</i>	LD07878	pBS SK-	2308	FBgn0036240	<i>SLC26A11</i>	ENSG00000181045	Pvull: 3736 2513 2101 1347 861 573
P110	<i>CG10425</i>	LD07939	pBS SK-	1370	FBgn0039304	<i>KDSR</i>	ENSG00000119537	Pvull: 3736 2513 1736 1347 861
P111	<i>Bap60</i>	LD09078	pBS SK-	2026	FBgn0025463	<i>SMARCD3</i>	ENSG00000082014	Pvull: 3736 2513 2392 1347 861
P112	<i>Mo25</i>	LD09950	pBS SK-	1894	FBgn0017572	<i>CAB39</i>	ENSG00000135932	Pvull: 3736 2513 1557 1347 861 703
P113	<i>Tif-IA</i>	LD10456	pBS SK-	2112	FBgn0032988	<i>RRN3</i>	ENSG00000085721	Pvull: 3736 2513 1887 1347 861 591
P114	<i>Mvd</i>	LD10857	pBS SK-	1518	FBgn0030683	<i>MVD</i>	ENSG00000167508	Pvull: 3736 2513 1347 1261 861 393 230
P115	<i>Dph1</i>	LD10878	pBS SK-	1774	FBgn0036194	<i>DPH1</i>	ENSG00000108963	Pvull: 3736 2513 1347 1138 861 498 265 239
P116	<i>CG40160</i>	LD13269	pBS SK-	1479	FBgn0058160	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2513 1845 1347 861
P117	<i>DCTN4-p62</i>	LD13436	pBS SK-	1800	FBgn0033206	<i>DCTN4</i>	ENSG00000132912	Pvull: 3736 2513 1347 1167 861 765 234
P118	<i>Ubc-E2H</i>	LD13772	pBS SK-	1574	FBgn0029996	<i>UBE2H</i>	ENSG00000186591	Pvull: 3736 2513 1347 861 823 574 543
P119	<i>Kap-alpha3</i>	LD13917	pBS SK-	2267	FBgn0027338	<i>KPNA3</i>	ENSG00000102753	Pvull: 3736 2633 2513 1347 861
P120	<i>CG18600</i>	LD14127	pBS SK-	1440	FBgn0038601	<i>POLR1E</i>	ENSG00000137054	Pvull: 3736 2513 1806 1347 861
P121	<i>CG17249</i>	LD14179	pBS SK-	1518	FBgn0035249	<i>PRCC</i>	ENSG00000143294	Pvull: 3736 2513 1884 1347 861
P122	<i>Dnz1</i>	LD14687	pBS SK-	1961	FBgn0027453	<i>ZDHHHC19</i>	ENSG00000163958	Pvull: 3736 2513 1347 1213 861 618 412 84
P123	<i>bond</i>	LD14839	pBS SK-	1595	FBgn0260942	<i>CBR4</i>	ENSG00000145439	Pvull: 3736 2513 1347 872 861 553 536
P124	<i>CG11486</i>	LD14901	pBS SK-	3117	FBgn0035397	<i>PAN3</i>	ENSG00000152520	Pvull: 3736 2513 2352 1347 1131 861
P125	<i>CG5149</i>	LD15196	pBS SK-	1885	FBgn0031904	<i>TLDC1</i>	ENSG00000140950	Pvull: 3736 2513 1347 1171 861 366 286 278 144 6
P126	<i>Snx17</i>	LD15323	pBS SK-	2223	FBgn0032191	<i>SNX17</i>	ENSG00000115234	Pvull: 3736 2513 1347 1194 861 468 342 234 222 108 21
P127	<i>sra</i>	LD15403	pBS SK-	1894	FBgn0086370	<i>RCAN1</i>	ENSG00000159200	Pvull: 3736 2513 2260 1347 861
P128	<i>ZIPIC</i>	LD15405	pBS SK-	1625	FBgn0039740	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 1347 1052 939 861
P129	<i>ifc</i>	LD15458	pBS SK-	1771	FBgn0001941	<i>DEGS1</i>	ENSG00000143753	Pvull: 3736 2513 1347 1216 921 861
P130	<i>pita</i>	LD15650	pBS SK-	2490	FBgn0034878	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 1438 1418 1347 861
P131	<i>chic</i>	LD15851	pBS SK-	1073	FBgn0000308	<i>PFN2</i>	ENSG00000070087	Pvull: 3736 2513 1439 1347 861
P133	<i>Snp</i>	LD16074	pBS SK-	1891	FBgn0265192	<i>ER12</i>	ENSG00000196678	Pvull: 3736 2513 2257 1347 861
P134	<i>Nsun5</i>	LD16340	pBS SK-	1494	FBgn0259704	<i>NSUN5</i>	ENSG00000130305	Pvull: 3736 2513 1403 1347 861 457
P135	<i>RhoGDI</i>	LD16419	pBS SK-	1494	FBgn0036921	<i>ARHGDI1</i>	ENSG00000242173	Pvull: 3736 2513 1347 1235 861 625
P136	<i>CG3038</i>	LD16783	pBS SK-	1697	FBgn0040373	<i>B3GNT2</i>	ENSG00000170340	Pvull: 3736 2513 2063 1347 861
P137	<i>aur</i>	LD16949	pBS SK-	1518	FBgn0000147	<i>AURKB</i>	ENSG00000178999	Pvull: 3736 2513 1499 1347 861 385
P138	<i>frj</i>	LD17340	pBS SK-	2089	FBgn0031815	<i>MBOAT7</i>	ENSG00000125505	Pvull: 3736 2513 1822 1347 861 633
P139	<i>Rpn9</i>	LD17530	pBS SK-	1342	FBgn0028691	<i>PSMD13</i>	ENSG00000185627	Pvull: 3736 2513 1708 1347 861
P140	<i>CG2972</i>	LD17927	pBS SK-	1621	FBgn0030177	<i>NOB1</i>	ENSG00000141101	Pvull: 3736 2513 1987 1347 861
P141	<i>Pbp95</i>	LD18233	pBS SK-	2635	FBgn0037540	<i>SNAPC4</i>	ENSG00000165684	Pvull: 3736 2513 1479 1347 1178 861 344
P142	<i>mRF1</i>	LD18447	pBS SK-	1411	FBgn0032486	<i>MTRF1L</i>	ENSG00000112031	Pvull: 3736 2513 1347 1288 861 489
P143	<i>CG8460</i>	LD18607	pBS SK-	1325	FBgn0031996	<i>CHD1</i>	ENSG00000177830	Pvull: 3736 2513 1347 954 861 737

P144	<i>RYBP</i>	LD18758	pBS SK-	2074	FBgn0034763	<i>YAF2</i>	ENSG00000015153	Pvull: 3736 2513 2440 1347 861
P145	<i>OstDelta</i>	LD18774	pBS SK-	2224	FBgn0034277	<i>RPN2</i>	ENSG00000118705	Pvull: 3736 2590 2513 1347 861
P146	<i>Rbm13</i>	LD18882	pBS SK-	1266	FBgn0030067	<i>MAK16</i>	ENSG00000198042	Pvull: 3736 2513 1347 935 861 352 345
P147	<i>schlank</i>	LD18904	pBS SK-	2386	FBgn0040918	<i>CERS2</i>	ENSG00000143418	Pvull: 3736 2513 1421 1347 1331 861
P148	<i>bru-2</i>	LD19052	pBS SK-	3975	FBgn0262475	<i>CELF6</i>	ENSG00000140488	Pvull: 3736 2513 1428 1372 1347 1021 861 441 50 29
P149	<i>CG11178</i>	LD19061	pBS SK-	3021	FBgn0030499	<i>AVL9</i>	ENSG00000105778	Pvull: 3736 2513 1347 1295 957 861 437 401 228 69
P150	<i>Ent1</i>	LD19162	pBS SK-	1985	FBgn0031250	<i>SLC29A2</i>	ENSG00000174669	Pvull: 3736 2513 1773 1347 861 578
P151	<i>twe</i>	LD19391	pBS SK-	2387	FBgn0002673	<i>CDC25B</i>	ENSG00000101224	Pvull: 3736 2513 1795 1347 958 861
P152	<i>CG2608</i>	LD19544	pBS SK-	1461	FBgn0032870	<i>SPAG7</i>	ENSG00000091640	Pvull: 3736 2513 1827 1347 861
P153	<i>nudE</i>	LD19982	pBS SK-	1976	FBgn0036059	<i>NDEL1</i>	ENSG00000166579	Pvull: 3736 2513 1407 1347 884 861 51
P154	<i>Sep2</i>	LD20082	pBS SK-	1588	FBgn0014029	<i>SEPT10</i>	ENSG00000186522	Pvull: 3736 2513 1954 1347 861
P155	<i>CG7420</i>	LD20087	pBS SK-	1515	FBgn0031344	<i>SERGEF</i>	ENSG00000129158	Pvull: 3736 2513 1347 861 843 552 433 53
P156	<i>C1GalTA</i>	LD20186	pBS SK-	2242	FBgn0032078	<i>C1GALT1</i>	ENSG00000106392	Pvull: 3736 2608 2513 1347 861
P157	<i>Vps11</i>	LD20292	pBS SK-	2870	FBgn0052350	<i>VPS11</i>	ENSG00000160695	Pvull: 3736 3236 2513 1347 861
P158	<i>Pex16</i>	LD20358	pBS SK-	1423	FBgn0037019	<i>PEX16</i>	ENSG00000121680	Pvull: 3736 2513 1789 1347 861
P159	<i>CG7747</i>	LD20635	pBS SK-	1680	FBgn0034109	<i>PPIL3</i>	ENSG00000240344	Supplemental Table S1.
P160	<i>ApepP</i>	LD20901	pBS SK-	2098	FBgn0026150	<i>XPNPEP1</i>	ENSG00000108039	Pvull: 3736 2513 1663 1347 861 630 171
P161	<i>Ance</i>	LD11258	pBS SK-	2002	FBgn0012037	<i>ACE</i>	ENSG00000159640	Pvull: 3736 2513 1347 994 947 861 427
P162	<i>CG7222</i>	LD11371	pBS SK-	1503	FBgn0033551	<i>DES12</i>	ENSG00000121644	Pvull: 3736 2513 1347 975 894 861
P163	<i>polo</i>	LD11851	pBS SK-	2379	FBgn0003124	<i>PLK1</i>	ENSG00000166851	Pvull: 3736 2513 1347 1087 1000 861 411 247
P164	<i>pie</i>	LD12022	pBS SK-	1964	FBgn0005683	<i>G2E3</i>	ENSG00000092140	Pvull: 3736 2513 1644 1347 861 686
P165	<i>drk</i>	LD12029	pBS SK-	1519	FBgn0004638	<i>GRAPL</i>	ENSG00000189152	Pvull: 3736 2513 1885 1347 861
P166	<i>CG7289</i>	LD12115	pBS SK-	2151	FBgn0031379	<i>KIAA2013</i>	ENSG00000116685	Pvull: 3736 2513 1410 1347 861 690 417
P167	<i>Snx21</i>	LD12265	pBS SK-	1411	FBgn0031457	<i>SNX20</i>	ENSG00000167208	Pvull: 3736 2513 1425 1347 861 352
P169	<i>dgt1</i>	LD12439	pBS SK-	1711	FBgn0039710	<i>KANSL2</i>	ENSG00000139620	Pvull: 3736 2513 1442 1347 861 380 255
P170	<i>Sh3beta</i>	LD12912	pBS SK-	1489	FBgn0035772	<i>SH3BGRL2</i>	ENSG00000198478	Pvull: 3736 2513 1347 1125 861 730
P171	<i>CG4511</i>	GM03430	pBS SK-	1438	FBgn0037843	<i>TXNDC9</i>	ENSG00000115514	verified by sequencing
P172	<i>dmpd</i>	GM04147	pBS SK-	2462	FBgn0033486	<i>FBXO28</i>	ENSG00000143756	Pvull: 3736 2513 1507 1347 1321 861
P173	<i>Ugt86Da</i>	GM04645	pBS SK-	1987	FBgn0040259	<i>UGT1A9</i>	ENSG00000241119	Pvull: 3736 2513 1347 1049 947 861 357
P174	<i>Bx</i>	GM05069	pBS SK-	2416	FBgn0265598	<i>LMO1</i>	ENSG00000166407	Pvull: 3736 2513 1658 1347 1124 861
P175	<i>anox</i>	GM05135	pBS SK-	1273	FBgn0064116	<i>METTL23</i>	ENSG00000181038	Pvull: 3736 2513 1347 1335 861 304
P177	<i>CG6073</i>	GM06077	pBS SK-	1551	FBgn0039417	<i>HGH1</i>	ENSG00000235173	Pvull: 3736 2513 1688 1347 861 229
P178	<i>sno</i>	GM06087	pBS SK-	1688	FBgn0265630	<i>SBNO1</i>	ENSG00000139697	Pvull: 3736 2513 2054 1347 861
P179	<i>sds22</i>	GM06266	pBS SK-	1302	FBgn0028992	<i>PPP1R7</i>	ENSG00000115685	Pvull: 3736 2513 1351 1347 861 317
P180	<i>CG7768</i>	GM06533	pBS SK-	1381	FBgn0036415	<i>PPIAL4A</i>	ENSG00000263353	Pvull: 3736 2513 1347 1218 861 529
P181	<i>Rab11</i>	GM06568	pBS SK-	1796	FBgn0015790	<i>RAB11B</i>	ENSG00000185236	Pvull: 3736 2513 1879 1347 861 283
P182	<i>Fdh</i>	GM08044	pBS SK-	1371	FBgn0011768	<i>ADH1A</i>	ENSG00000187758	Pvull: 3736 2513 1347 861 713 535 489
P183	<i>CG8635</i>	GM08440	pBS SK-	1402	FBgn0033317	<i>ZC3H15</i>	ENSG00000065548	Pvull: 3736 2513 1347 913 861 855
P184	<i>CG7889</i>	GM08857	pBS SK-	1423	FBgn0031003	<i>EEF2KMT</i>	ENSG00000118894	Pvull: 3736 2513 1347 861 669 427 363 330
P185	<i>CG1764</i>	GM09012	pBS SK-	1377	FBgn0030467	<i>DDAH1</i>	ENSG00000153904	Pvull: 3736 2513 1347 1288 861 371 84
P186	<i>CG8209</i>	GM09977	pBS SK-	1513	FBgn0035830	<i>UBXN1</i>	ENSG00000162191	Pvull: 3736 2513 1347 861 727 508 423 221
P187	<i>Rab27</i>	GM10914	pBS SK-	1548	FBgn0025382	<i>RAB27A</i>	ENSG00000069974	Pvull: 3736 2513 1347 861 738 557 550 69
P188	<i>pUf68</i>	HL02140	pBS SK-	2715	FBgn0028577	<i>PUF60</i>	ENSG00000179950	Pvull: 3736 2513 1347 1208 1041 861 514 318
P189	<i>bsk</i>	HL02677	pBS SK-	1441	FBgn0000229	<i>MAPK10</i>	ENSG00000109339	Pvull: 3736 2513 1807 1347 861
P190	<i>Alg11</i>	HL02815	pBS SK-	1575	FBgn0037108	<i>ALG11</i>	ENSG00000253710	Pvull: 3736 2513 1347 1199 861 742
P191	<i>CG1847</i>	HL02936	pBS SK-	1755	FBgn0030345	<i>AIP</i>	ENSG00000110711	verified by sequencing
P192	<i>B52</i>	HL03687	pBS SK-	2295	FBgn0004587	<i>SRSF6</i>	ENSG00000124193	Pvull: 3736 2661 2513 1347 861
P193	<i>CG9132</i>	HL04344	pBS SK-	1953	FBgn0030791	<i>NECAP2</i>	ENSG00000157191	Pvull: 3736 2513 2319 1347 861

P194	<i>lectin-24Db</i>	HL05328	pBS SK-	1183	FBgn0040102	<i>COLEC11</i>	ENSG00000118004	Pvull: 3736 2513 1347 923 861 502 124
P195	<i>CG5823</i>	HL05730	pBS SK-	1828	FBgn0038515	<i>UBE2J2</i>	ENSG00000160087	verified by sequencing
P196	<i>Vha44</i>	HL07758	pBS SK-	1428	FBgn0262511	<i>ATP6V1C1</i>	ENSG00000155097	Pvull: 3736 2513 1429 1347 861 365
P197	<i>CG5214</i>	GM01350	pBS SK-	1862	FBgn0037891	<i>DLST</i>	ENSG00000119689	verified by sequencing
P198	<i>lkb1</i>	GM01569	pBS SK-	2367	FBgn0038167	<i>STK11</i>	ENSG00000118046	Pvull: 3736 2513 1347 1202 861 732 605 194
P199	<i>Galphao</i>	GM01620	pBS SK-	2344	FBgn0001122	<i>GNAZ</i>	ENSG00000128266	Pvull: 3736 2710 2513 1347 861
P200	<i>elif5</i>	GM02147	pBS SK-	2611	FBgn0030719	<i>EIF5</i>	ENSG00000100664	Pvull: 3736 2977 2513 1347 861
P201	<i>Rbp1</i>	GM02602	pBS SK-	1502	FBgn0260944	<i>SRSF7</i>	ENSG00000115875	Pvull: 3736 2513 1868 1347 861
P202	<i>Ect3</i>	HL01076	pBS SK-	2258	FBgn0260746	<i>GLB1L</i>	ENSG00000163521	Pvull: 3736 2513 1347 1284 861 708 632
P203	<i>BTBD9</i>	LD01947	pBS SK-	2988	FBgn0030228	<i>BTBD9</i>	ENSG00000183826	Pvull: 3736 2981 2513 1347 861 373
P204	<i>nst</i>	LD02044	pBS SK-	2228	FBgn0036298	<i>PGM3</i>	ENSG00000013375	Pvull: 3736 2513 1347 1203 861 775 432 184
P205	<i>CG12084</i>	LD02105	pBS SK-	3146	FBgn0043458	<i>ZYG11B</i>	ENSG00000162378	Pvull: 3736 2513 2241 1347 1271 861
P206	<i>kappaB-Ras</i>	LD02291	pBS SK-	1879	FBgn0040513	<i>NKIRAS1</i>	ENSG00000197885	Pvull: 3736 2513 1414 1347 861 351 333 147
P208	<i>dnr1</i>	LD18186	pBS SK-	3200	FBgn0260866	<i>MYLIP</i>	ENSG00000007944	Pvull: 3736 2513 1347 1237 912 861 700 398 304 15
P209	<i>CG11436</i>	LD19190	pBS SK-	1987	FBgn0029713	<i>TTC17</i>	ENSG00000052841	Pvull: 3736 2513 1349 1347 1004 861
P210	<i>l(3)07882</i>	LD15947	pBS SK-	2923	FBgn0010926	<i>NOP14</i>	ENSG00000087269	Pvull: 3736 2513 2291 1347 998 861
P211	<i>RanGAP</i>	LD16356	pBS SK-	2012	FBgn0003346	<i>RANGAP1</i>	ENSG00000100401	Pvull: 3736 2513 1499 1347 861 440 439
P212	<i>CG1227</i>	LD17053	pBS SK-	1427	FBgn0037491	<i>STK16</i>	ENSG00000115661	Pvull: 3736 2513 1347 911 882 861
P213	<i>PGAP2</i>	LD17077	pBS SK-	1356	FBgn0031284	<i>PGAP2</i>	ENSG00000148985	Pvull: 3736 2513 1722 1347 861
P214	<i>BicD</i>	LD17129	pBS SK-	3089	FBgn0000183	<i>BICD2</i>	ENSG00000185963	verified by sequencing
P215	<i>Ras85D</i>	LD17536	pBS SK-	1961	FBgn0003205	<i>NRAS</i>	ENSG00000213281	Pvull: 3736 2513 1608 1347 861 719
P216	<i>Pka-C1</i>	LD13640	pBS SK-	2810	FBgn0000273	<i>PRKACA</i>	ENSG00000072062	Pvull: 3736 2863 2513 1347 861 313
P217	<i>CG7997</i>	LD13649	pBS SK-	1743	FBgn0034117	<i>GLA</i>	ENSG00000102393	Pvull: 3736 2513 2109 1347 861
P218	<i>CG10103</i>	LD14015	pBS SK-	1645	FBgn0035715	<i>IST1</i>	ENSG00000182149	Pvull: 3736 2513 1347 1121 890 861
P219	<i>Cyp4ad1</i>	LD02646	pBS SK-	1690	FBgn0033292	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2513 2056 1347 861
P220	<i>CG9281</i>	LD02975	pBS SK-	2585	FBgn0030672	<i>ABCF2</i>	ENSG00000033050	Pvull: 3736 2513 1948 1347 861 717 286
P222	<i>ttm50</i>	LD05179	pBS SK-	1727	FBgn0250874	<i>TIMM50</i>	ENSG00000105197	Pvull: 3736 2513 2093 1347 861
P223	<i>CG8839</i>	LD05247	pBS SK-	2064	FBgn0033717	<i>FAAH2</i>	ENSG00000165591	verified by sequencing
P224	<i>ZnT41F</i>	LD05335	pBS SK-	1928	FBgn0025693	<i>SLC30A8</i>	ENSG00000164756	Pvull: 3736 2513 2003 1347 861 291
P225	<i>Optix</i>	LD05472	pBS SK-	2337	FBgn0025360	<i>SIX3</i>	ENSG00000138083	Pvull: 3736 2513 1347 1345 1004 861 354
P226	<i>Uvrag</i>	LD05963	pBS SK-	2506	FBgn0032499	<i>UVRAG</i>	ENSG00000198382	Pvull: 3736 2513 1347 945 861 780 433 270 170 142 132
P227	<i>Cog6</i>	LD06894	pBS SK-	2091	FBgn0033401	<i>COG6</i>	ENSG00000133103	verified by sequencing
P228	<i>vig</i>	LD07162	pBS SK-	1805	FBgn0024183	<i>SERBP1</i>	ENSG00000142864	Pvull: 3736 2513 1719 1347 861 428 24
P229	<i>heix</i>	LD08295	pBS SK-	3165	FBgn0028375	<i>UBIAD1</i>	ENSG00000120942	Pvull: 3736 2725 2513 1347 861 806
P230	<i>pont</i>	LD08555	pBS SK-	1688	FBgn0040078	<i>SCCPDH</i>	ENSG00000143653	Pvull: 3736 2513 1347 1214 861 397 374 69
P231	<i>Sse</i>	LD08709	pBS SK-	2133	FBgn0035627	<i>ESPL1</i>	ENSG00000135476	Pvull: 3736 2513 2499 1347 861
P233	<i>IntS11</i>	LD08814	pBS SK-	2096	FBgn0039691	<i>INTS11</i>	ENSG00000127054	Pvull: 3736 2513 2068 1347 861 394
P234	<i>CG4936</i>	LD08906	pBS SK-	1887	FBgn0038768	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 1551 1347 861 702
P235	<i>elif-2gamma</i>	LD09025	pBS SK-	1898	FBgn0263740	<i>EIF2S3</i>	ENSG00000130741	verified by sequencing
P236	<i>VhaAC45</i>	LD09158	pBS SK-	1899	FBgn0262515	<i>ATP6AP1L</i>	ENSG00000205464	Pvull: 3736 2513 1347 951 861 669 645
P237	<i>Larp7</i>	LD09531	pBS SK-	2050	FBgn0260771	<i>LARP7</i>	ENSG00000174720	Pvull: 3736 2513 1347 861 768 550 396 361 341
P238	<i>CG12099</i>	LD09551	pBS SK-	2983	FBgn0035232	<i>RNF10</i>	ENSG00000022840	verified by sequencing
P239	<i>CG8745</i>	LD09584	pBS SK-	2422	FBgn0036381	<i>ETNPPL</i>	ENSG00000164089	Pvull: 3736 2513 2329 1347 861 459
P240	<i>cm</i>	LD09732	pBS SK-	1477	FBgn0000330	<i>AP3M1</i>	ENSG00000185009	Pvull: 3736 2513 1347 861 732 657 454
P241	<i>Cdc23</i>	LD09850	pBS SK-	2245	FBgn0032863	<i>CDC27</i>	ENSG00000004897	Pvull: 3736 2513 1724 1347 861 449 438
P242	<i>Hex-A</i>	LD09907	pBS SK-	2535	FBgn0001186	<i>GCK</i>	ENSG00000106633	verified by sequencing
P243	<i>Rad9</i>	LD10092	pBS SK-	1765	FBgn0025807	<i>RAD9B</i>	ENSG00000151164	Pvull: 3736 2513 1347 1306 861 825
P244	<i>cact</i>	LD10168	pBS SK-	2219	FBgn0000250	<i>NFKBIE</i>	ENSG00000146232	Pvull: 3736 2513 1882 1347 861 703

P245	<i>CG4825</i>	LD10327	pBS SK-	2074	FBgn0037010	<i>PTDSS1</i>	ENSG00000156471	Pvull: 3736 2513 1966 1347 861 474
P246	<i>Baldspot</i>	LD10431	pBS SK-	1390	FBgn0260960	<i>ELOVL6</i>	ENSG00000170522	Pvull: 3736 2513 1347 1061 861 695
P247	<i>Lnk</i>	LD10453	pBS SK-	2934	FBgn0028717	<i>SH2B2</i>	ENSG00000160999	verified by sequencing
P248	<i>emc</i>	LD10532	pBS SK-	2046	FBgn0000575	<i>ID1</i>	ENSG00000125968	Pvull: 3736 2513 2412 1347 861
P249	<i>slgA</i>	LD10578	pBS SK-	2899	FBgn0003423	<i>PRODH</i>	ENSG00000100033	Pvull: 3736 2513 1856 1409 1347 861
P250	<i>Ns4</i>	LD10773	pBS SK-	1963	FBgn0032882	<i>GNL1</i>	ENSG00000204590	Pvull: 3736 2513 2329 1347 861
P251	<i>CG7137</i>	LD11455	pBS SK-	1254	FBgn0034422	<i>RRP8</i>	ENSG00000132275	Pvull: 3736 2513 1347 1200 861 420
P252	<i>Orc1</i>	LD11626	pBS SK-	3155	FBgn0022772	<i>ORC1</i>	ENSG00000085840	Pvull: 3736 2513 1347 1015 1010 861 661 558 214 63
P253	<i>cue</i>	LD11871	pBS SK-	2787	FBgn0011204	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2513 1347 1084 861 816 746 507
P254	<i>CG10959</i>	LD12075	pBS SK-	1777	FBgn0030010	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 2143 1347 861
P255	<i>tws</i>	LD12394	pBS SK-	2517	FBgn0004889	<i>OR2H2</i>	ENSG00000204657	verified by sequencing
P256	<i>CG10960</i>	HL01062	pBS SK-	2937	FBgn0036316	<i>ACRV1</i>	ENSG00000134940	Pvull: 3736 3303 2513 1347 861
P257	<i>CG5973</i>	HL01515	pBS SK-	3050	FBgn0031914	<i>TTPA</i>	ENSG00000137561	Pvull: 3736 3416 2513 1347 861
P258	<i>Spps</i>	LD04007	pBS SK-	3511	FBgn0039169	<i>SP3</i>	ENSG00000172845	Pvull: 3736 2513 1347 1164 960 861 691 444 252 168 98 61 30 9
P260	<i>GATAe</i>	LD08432	pBS SK-	3094	FBgn0038391	<i>GATA4</i>	ENSG00000136574	Pvull: 3736 2513 1944 1347 861 826 690
P261	<i>l(2)NC136</i>	LD13864	pBS SK-	3402	FBgn0033029	<i>CNOT3</i>	ENSG00000088038	Pvull: 3736 2513 1347 1301 1002 861 686 482 297
P262	<i>Galphaq</i>	LD13901	pBS SK-	3036	FBgn0004435	<i>GNAZ</i>	ENSG00000128266	verified by sequencing
P263	<i>su(Hw)</i>	LD15893	pBS SK-	3443	FBgn0003567	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 2002 1347 1225 861 582
P264	<i>Hip1</i>	LD16566	pBS SK-	3932	FBgn0036309	<i>HIP1R</i>	ENSG00000130787	Pvull: 3736 2513 1766 1359 1347 861 612 561
P265	<i>CG3225</i>	LD11291	pBS SK-	2355	FBgn0031631	<i>DHX15</i>	ENSG00000109606	verified by sequencing
P266	<i>tna</i>	LD16921	pBS SK-	4191	FBgn0026160	<i>ZMIZ2</i>	ENSG00000122515	Pvull: 3736 2513 1922 1347 864 861 710 560 330 171
P267	<i>nvx</i>	LD17501	pBS SK-	3420	FBgn0005636	<i>RUNX1T1</i>	ENSG00000079102	Pvull: 3736 2513 1347 1173 920 861 690 663 340
P269	<i>Aats-ala-m</i>	LD11251	pBS SK-	3204	FBgn0028962	<i>AARS2</i>	ENSG00000124608	Pvull: 3736 2513 1878 1347 1018 861 296 280 98
P270	<i>nerfin-1</i>	LD18634	pBS SK-	3199	FBgn0028999	<i>INSM2</i>	ENSG00000168348	Pvull: 3736 2513 1707 1443 1347 861 415
P273	<i>Atox1</i>	LD15555	pBS SK-	872	FBgn0052446	<i>ATOX1</i>	ENSG00000177556	Pvull: 3736 2513 1347 861 700 538
P274	<i>Ggamma1</i>	LD03453	pBS SK-	1096	FBgn0004921	<i>GNG2</i>	ENSG00000186469	Pvull: 3736 2513 1347 905 861 557
P275	<i>CG5708</i>	LD11652	pBS SK-	1101	FBgn0032196	<i>LMO1</i>	ENSG00000166407	verified by sequencing
P277	<i>Cks30A</i>	LD20271	pBS SK-	1147	FBgn0010314	<i>CKS1B</i>	ENSG00000173207	Pvull: 3736 2513 1347 861 821 692
P280	<i>nesd</i>	LD13710	pBS SK-	1934	FBgn0032848	<i>SHCBP1L</i>	ENSG00000157060	Pvull: 3736 2513 1347 1194 861 723 329 54
P281	<i>ZC3H3</i>	LD15332	pBS SK-	2046	FBgn0035900	<i>ZC3H3</i>	ENSG00000014164	Pvull: 3736 2513 1984 1347 861 404 24
P282	<i>Hydr2</i>	LD07767	pBS SK-	2291	FBgn0014906	<i>ABHD2</i>	ENSG00000140526	Pvull: 3736 2657 2513 1347 861
P283	<i>CG6201</i>	LD15174	pBS SK-	2329	FBgn0032343	<i>IDUA</i>	ENSG00000127415	Pvull: 3736 2513 1504 1347 1191 861
P284	<i>Rs1</i>	LD15481	pBS SK-	2505	FBgn0021995	<i>DDX27</i>	ENSG00000124228	Pvull: 3736 2513 2244 1347 861 627
P285	<i>JHDM2</i>	LD20919	pBS SK-	2795	FBgn0037703	<i>HR</i>	ENSG00000168453	Pvull: 3736 2513 1434 1347 1204 861 523
P286	<i>Stam</i>	LD02639	pBS SK-	2872	FBgn0027363	<i>STAM</i>	ENSG00000136738	verified by sequencing
P287	<i>CG2991</i>	LD08641	pBS SK-	3111	FBgn0031474	<i>MARCH5</i>	ENSG00000198060	verified by sequencing
P288	<i>lin19</i>	LD20253	pBS SK-	3242	FBgn0015509	<i>CUL1</i>	ENSG00000055130	verified by sequencing
P289	<i>Pp2B-14D</i>	LD04578	pBS SK-	3279	FBgn0011826	<i>PPP3CC</i>	ENSG00000120910	Pvull: 3736 2513 2311 1347 1334 861
P290	<i>bow1</i>	LD15350	pBS SK-	3659	FBgn0004893	<i>OSR1</i>	ENSG00000143867	Pvull: 3736 2513 1557 1347 1161 861 798 274 235
P291	<i>wtrw</i>	HL04706	pBS SK-	3665	FBgn0260005	<i>TNKS2</i>	ENSG00000107854	Pvull: 3736 2513 1437 1395 1347 861 635 564
P292	<i>CG45049</i>	LD08231	pBS SK-	3702	FBgn0266409	<i>TMEM47</i>	ENSG00000147027	Pvull: 4068 3736 2513 1347 861
P293	<i>smi35A</i>	LD02884	pBS SK-	4058	FBgn0016930	<i>DYRK3</i>	ENSG00000143479	Pvull: 3736 2513 1932 1481 1347 1011 861
P294	<i>subdued</i>	LD10322	pBS SK-	4080	FBgn0038721	<i>ANO6</i>	ENSG00000177119	Pvull: 3736 2513 2022 1367 1347 861 632 425
P295	<i>Rgl</i>	LD16082	pBS SK-	4557	FBgn0026376	<i>RALGDS</i>	ENSG00000160271	Pvull: 3851 3736 2513 1347 1072 861
P296	<i>Sfmbt</i>	LD14884	pBS SK-	4809	FBgn0032475	<i>L3MBTL2</i>	ENSG00000100395	Pvull: 3736 2513 2195 1858 1347 1122 861
P297	<i>CG42637</i>	LD12174	pBS SK-	6270	FBgn0261360	<i>NPR1</i>	ENSG00000169418	Pvull: 5019 3736 2513 1617 1347 861
P298	<i>CG14711</i>	GM08392	pBS SK-	1300	FBgn0037922	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2513 1347 1228 861 438
P299	<i>Tap42</i>	LD07294	pBS SK-	1342	FBgn0051852	<i>IGBP1</i>	ENSG00000089289	Pvull: 3736 2513 1347 956 861 752

P300	CG32579	LD13628	pBS SK-	1273	FBgn0052579	XKR5	ENSG00000275591	verified by sequencing
P301	Cks85A	GM01344	pBS SK-	616	FBgn0037613	CKS1B	ENSG00000173207	Pvull: 3736 2513 1347 861 703 279
P302	mRpl36	GM01757	pBS SK-	509	FBgn0042112	MRPL36	ENSG00000171421	verified by sequencing
P303	SP2637	LD05256	pBS SK-	1336	FBgn0034371	NTAN1	ENSG00000157045	Pvull: 3736 2513 1347 1151 861 551
P304	Haspin	LD07633	pBS SK-	1864	FBgn0046706	HASPIN	ENSG00000177602	Pvull: 3736 2513 2230 1347 861
P305	Brms1	LD14895	pBS SK-	1325	FBgn0030434	BRMS1	ENSG00000174744	Pvull: 3736 2513 1347 1183 861 508
P306	dgrn	GM01182	pBS SK-	1660	FBgn0037384	TRIM35	ENSG00000104228	Pvull: 3736 2513 2026 1347 861
P307	HEATR2	GM01253	pBS SK-	3424	FBgn0051320	DNAAF5	ENSG00000164818	Pvull: 3736 3192 2513 1347 861 598
P308	fon	HL01053	pBS SK-	1913	FBgn0032773	LHX3	ENSG00000107187	Pvull: 3736 2513 1347 918 917 861 234 201 9
P309	ssp3	LD01527	pBS SK-	6147	FBgn0032723	SCAPER	ENSG00000140386	Pvull: 3736 2615 2513 1622 1419 1347 861 362 251 235 9
P310	CG7945	LD01950	pBS SK-	3609	FBgn0036505	BAG2	ENSG00000112208	Pvull: 3736 2787 2513 1347 1188 861
P311	Top3alpha	LD04601	pBS SK-	3929	FBgn0040268	TOP3A	ENSG00000177302	Pvull: 3736 2513 1636 1347 1001 861 582 547 529
P312	anchor	LD04710	pBS SK-	3827	FBgn0036741	GPR155	ENSG00000163328	Pvull: 3736 2513 1347 1169 861 840 828 793 535 28
P313	mip130	LD07342	pBS SK-	3455	FBgn0023509	LIN9	ENSG00000183814	Pvull: 3736 2513 1947 1347 973 901 861
P314	csul	LD07634	pBS SK-	1999	FBgn0015925	PRMT5	ENSG00000100462	Pvull: 3736 2513 2365 1347 861
P315	fz2	LD10629	pBS SK-	4444	FBgn0016797	FZD1	ENSG00000157240	Pvull: 3736 2513 1671 1347 1073 1015 1008 861 43
P316	CG12325	LD10780	pBS SK-	3216	FBgn0033557	PWP2	ENSG00000241945	Pvull: 3736 3582 2513 1347 861
P317	SK2	LD11247	pBS SK-	2624	FBgn0052484	SPHK2	ENSG00000063176	Pvull: 3736 2513 1399 1347 934 861 383 274
P318	roq	LD12033	pBS SK-	4005	FBgn0036621	RC3H1	ENSG00000135870	Pvull: 3736 2513 1526 1347 1166 861 560 482 309 246 65 17
P319	Rhp	LD12055	pBS SK-	2404	FBgn0026374	RHPN1	ENSG00000158106	verified by sequencing
P320	Cdc27	LD12661	pBS SK-	3433	FBgn0012058	CDC27	ENSG00000004897	Pvull: 3736 2513 2442 1347 861 786 347 75 72 39 38
P321	rdgBbeta	LD14189	pBS SK-	1367	FBgn0027872	PITPNB	ENSG00000180957	Pvull: 3736 2513 1733 1347 861
P322	CG31522	LD14383	pBS SK-	2994	FBgn0051522	CBR4	ENSG00000145439	Pvull: 3736 2513 1925 1435 1347 861
P323	CG4896	LD16296	pBS SK-	3771	FBgn0031319	RBM5	ENSG00000003756	Pvull: 4137 3736 2513 1347 861
P324	U3-55K	LD17611	pBS SK-	1680	FBgn0053505	RRP9	ENSG00000114767	Pvull: 3736 2513 1347 1312 861 734
P325	CG7639	LD18146	pBS SK-	1779	FBgn0033989	SAMM50	ENSG00000100347	Pvull: 3736 2513 1347 1330 861 815
P326	CG8944	LD18191	pBS SK-	3144	FBgn0030680	ZNF563	ENSG00000188868	Pvull: 3736 2513 1813 1652 1347 861 45
P327	foxo	LD19191	pBS SK-	3934	FBgn0038197	FOXO3	ENSG00000118689	Pvull: 3736 2513 1347 1254 1189 1078 861 382 297 65 35
P328	droscha	LD20030	pBS SK-	4311	FBgn0026722	DROSHA	ENSG00000113360	Pvull: 3736 3206 2513 1347 1293 861 178
P329	SamDC	LD20439	pBS SK-	1234	FBgn0019932	AMD1	ENSG00000123505	Pvull: 3736 2513 1600 1347 861
P330	Zir	LD20667	pBS SK-	6481	FBgn0031216	DOCK8	ENSG00000107099	Pvull: 3736 2513 2265 1632 1347 1302 939 861 709
P331	dsh	LD20984	pBS SK-	2841	FBgn0000499	DVL3	ENSG00000161202	Pvull: 3736 2513 1347 1129 1029 861 788 261
P332	jim	FI01201	pBS SK-	4456	FBgn0027339	ZNF563	ENSG00000188868	Pvull: 3736 3573 2513 1347 861 697 552
P333	Phs	FI01202	pBS SK-	4134	FBgn0036522	ZNF563	ENSG00000188868	Pvull: 3736 2513 1971 1355 1347 861 559 336 167 54 49 9
P334	rok	FI04037	pBS SK-	5573	FBgn0026181	ROCK1	ENSG00000067900	Pvull: 3736 2513 1416 1347 1258 945 861 798 561 447 230 141 69 44 30
P335	cic	FI04109	pBS SK-	5175	FBgn0262582	SOX7	ENSG00000171056	Pvull: 3736 2513 1615 1347 1173 1094 1024 861 397 238
P336	IntS3	FI06801	pBS SK-	3405	FBgn0262117	NPR1	ENSG00000169418	Pvull: 3736 2513 2180 1591 1347 861
P337	Ari2	FI08808	pBS SK-	683	FBgn0004908	ARL3	ENSG00000138175	Pvull: 3736 2513 1347 861 803 246
P338	CG31759	FI09011	pBS SK-	2209	FBgn0051759	PDE12	ENSG00000174840	Pvull: 3736 2575 2513 1347 861
P339	Tango13	GM02004	pBS SK-	3353	FBgn0086674	TPST1	ENSG00000169902	Pvull: 3736 2513 1347 1118 861 644 637 468 456 396
P340	CG7950	GM02245	pBS SK-	1190	FBgn0260468	CHCHD4	ENSG00000163528	Pvull: 3736 2513 1347 1316 861 240
P342	CG34261	GM10489	pBS SK-	910	FBgn0085290	OARD1	ENSG00000124596	Pvull: 3736 2513 1347 861 713 563
P343	Edc3	LD04327	pBS SK-	4059	FBgn0036735	EDC3	ENSG00000179151	Pvull: 3736 2513 2320 1347 1115 990 861
P344	UBL3	LD03728	pBS SK-	1657	FBgn0026076	UBL3	ENSG00000122042	Pvull: 3736 2513 1347 1285 861 738
P345	CG4360	LD04512	pBS SK-	3565	FBgn0038787	ZNF563	ENSG00000188868	Pvull: 3736 2513 1936 1347 1130 861 420 304 84 57
P346	Lerp	LD05154	pBS SK-	3443	FBgn0051072	FN1	ENSG00000115414	Pvull: 3736 2513 2106 1347 861 786 404 321 192
P347	Ank	LD10053	pBS SK-	5067	FBgn0011747	ANK3	ENSG00000151150	Pvull: 3736 2513 2187 2031 1347 1215 861
P348	plexA	LD10519	pBS SK-	2743	FBgn0025741	PLXNA4	ENSG00000221866	Pvull: 3736 3109 2513 1347 861

P349	<i>CG4538</i>	LD11650	pBS SK-	3124	FBgn0038745	<i>CLPX</i>	ENSG00000166855	Pvull: 3736 2513 2306 1347 861 743 441
P350	<i>CG3632</i>	LD11744	pBS SK-	4062	FBgn0030735	<i>MTMR3</i>	ENSG00000100330	Pvull: 3736 2513 2076 1347 956 861 814 405 177
P351	<i>CG9003</i>	LD12638	pBS SK-	2976	FBgn0033639	<i>FBXL20</i>	ENSG00000108306	Pvull: 3736 2513 1392 1347 1092 861 498 360
P352	<i>Kap3</i>	LD13052	pBS SK-	3766	FBgn0028421	<i>KIFAP3</i>	ENSG00000075945	Pvull: 3736 2513 2052 1686 1347 861 394
P353	<i>filfl</i>	LD13350	pBS SK-	3748	FBgn0024555	<i>PPP4R3B</i>	ENSG00000275052	verified by sequencing
P354	<i>how</i>	LD13657	pBS SK-	3860	FBgn0264491	<i>QKI</i>	ENSG00000112531	Pvull: 4226 3736 2513 1347 861
P355	<i>A2bp1</i>	LD15974	pBS SK-	3457	FBgn0052062	<i>SRSF8</i>	ENSG00000263465	Pvull: 3736 2513 1347 1305 1036 861 813 669
P356	<i>CG31678</i>	LD18032	pBS SK-	5019	FBgn0051678	<i>SUCO</i>	ENSG00000094975	Pvull: 3736 2513 1968 1347 874 861 712 573 562 323 306 67
P358	<i>CG6700</i>	LD18192	pBS SK-	3757	FBgn0032305	<i>LENG8</i>	ENSG00000167615	Pvull: 3736 2513 1531 1347 1051 1035 861 506
P359	<i>EMC1</i>	LD19064	pBS SK-	3286	FBgn0037530	<i>EMC1</i>	ENSG00000127463	Pvull: 3736 2513 1779 1684 1347 861 189
P360	<i>CG9044</i>	LD19823	pBS SK-	4339	FBgn0031752	<i>STK11IP</i>	ENSG00000144589	Pvull: 3736 3128 2513 1347 861 807 770
P361	<i>CG42304</i>	LD20870	pBS SK-	3212	FBgn0259200	<i>DNTTIP1</i>	ENSG00000101457	Pvull: 3736 2513 2317 1347 1261 861
P362	<i>LpR1</i>	LD21010	pBS SK-	3983	FBgn0066101	<i>LDLR</i>	ENSG00000130164	Pvull: 3736 2513 1558 1347 1168 956 861 559 108
P363	<i>mr</i>	LD21042	pBS SK-	2598	FBgn0002791	<i>ANAPC2</i>	ENSG00000176248	Pvull: 3736 2513 1892 1347 1072 861
P364	<i>jet</i>	FI04015	pBS SK-	1415	FBgn0031652	<i>FBXL15</i>	ENSG00000107872	Pvull: 3736 2513 1781 1347 861
P365	<i>PIG-L</i>	FI04038	pBS SK-	1955	FBgn0038763	<i>PIGL</i>	ENSG00000108474	Pvull: 3736 2513 2321 1347 861
P366	<i>CG1371</i>	FI04003	pBS SK-	3852	FBgn0033482	<i>NOMO1</i>	ENSG00000103512	Pvull: 3736 2548 2513 1347 1236 861 324 110
P367	<i>mRpL15</i>	FI06804	pBS SK-	950	FBgn0036990	<i>MRPL15</i>	ENSG00000137547	Pvull: 3736 2513 1347 861 661 343 312
P368	<i>Rrp46</i>	FI06805	pBS SK-	822	FBgn0037815	<i>EXOSC4</i>	ENSG00000178896	Pvull: 3736 2513 1347 1188 861
P369	<i>Galt</i>	FI06809	pBS SK-	1455	FBgn0263200	<i>GALT</i>	ENSG00000213930	Pvull: 3736 2513 1821 1347 861
P370	<i>P5CDh1</i>	FI08816	pBS SK-	2705	FBgn0037138	<i>ALDH4A1</i>	ENSG00000159423	Pvull: 3736 3071 2513 1347 861
P371	<i>AGO3</i>	LD15865	pBS SK-	2718	FBgn0250816	<i>AGO3</i>	ENSG00000126070	Pvull: 3736 3084 2513 1347 861
P372	<i>CG43693</i>	FI04001	pBS SK-	2536	FBgn0263776	<i>SLC36A1</i>	ENSG00000123643	Pvull: 3736 2562 2513 1347 861 340
P373	<i>XRCC1</i>	FI04011	pBS SK-	2323	FBgn0026751	<i>XRCC1</i>	ENSG00000073050	Pvull: 3736 2513 1701 1347 988 861
P374	<i>RhoGAP93B</i>	FI04035	pBS SK-	4889	FBgn0038853	<i>ARHGAP39</i>	ENSG00000147799	Pvull: 3736 2513 1630 1347 1208 1078 861 730 609
P375	<i>Nadsyn</i>	FI04036	pBS SK-	3805	FBgn0030512	<i>NADSYN1</i>	ENSG00000172890	Pvull: 3736 2513 2111 1522 1347 861 538
P376	<i>CG2990</i>	FI06813	pBS SK-	3680	FBgn0030170	<i>DNA2</i>	ENSG00000138346	Pvull: 3736 2725 2513 1347 861 721 600
P377	<i>CG11920</i>	FI08810	pBS SK-	1028	FBgn0039274	<i>IMP4</i>	ENSG00000136718	Pvull: 3736 2513 1347 861 634 442 318
P378	<i>RpS3A</i>	LD08549	pBS SK-	986	FBgn0017545	<i>RPS3A</i>	ENSG00000145425	Pvull: 3736 2513 1352 1347 861
P379	<i>CG5515</i>	FI08802	pBS SK-	894	FBgn0039163	<i>RWDD1</i>	ENSG00000111832	Pvull: 3736 2513 1347 1260 861
P380	<i>vtd</i>	FI11703	pBS SK-	2265	FBgn0260987	<i>RAD21L1</i>	ENSG00000244588	Pvull: 3736 2513 1913 1347 861 718
P381	<i>Spase12</i>	GM01169	pBS SK-	433	FBgn0040623	<i>SPCS1</i>	ENSG00000114902	verified by sequencing
P382	<i>Ccdc58</i>	HL01254	pBS SK-	1664	FBgn0036909	<i>CCDC58</i>	ENSG00000160124	Pvull: 3736 2513 2030 1347 861
P383	<i>trpl</i>	HL01531	pBS SK-	3752	FBgn0005614	<i>TRPC5</i>	ENSG00000072315	Pvull: 4118 3736 2513 1347 861
P384	<i>homer</i>	LD02487	pBS SK-	2325	FBgn0025777	<i>HOMER3</i>	ENSG00000051128	Pvull: 3736 2513 1347 1118 861 546 472 465 51 39
P386	<i>CG3589</i>	LD11031	pBS SK-	1744	FBgn0035065	<i>TYSND1</i>	ENSG00000156521	Pvull: 3736 2513 1347 1113 997 861
P387	<i>CG6479</i>	FI08815	pBS SK-	1882	FBgn0036710	<i>TMEM209</i>	ENSG00000146842	Pvull: 3736 2513 2248 1347 861
P388	<i>CG14803</i>	LD13889	pBS SK-	3398	FBgn0023513	<i>MMS22L</i>	ENSG00000146263	Pvull: 3736 2513 1695 1347 861 753 599 459 162 63 33
P389	<i>AnxB11</i>	LD19596	pBS SK-	1751	FBgn0030749	<i>ANXA1</i>	ENSG00000135046	Pvull: 3736 2513 2117 1347 861
P390	<i>Sxl</i>	LD15933	pBS SK-	4077	FBgn0264270	<i>RBMS1</i>	ENSG00000153250	verified by sequencing
P391	<i>Tob</i>	LD04013	pBS SK-	3412	FBgn0028397	<i>TOB2</i>	ENSG00000183864	Pvull: 3736 2513 1768 1347 1279 861 465 225 41
P392	<i>CG6325</i>	LD10232	pBS SK-	3643	FBgn0037814	<i>DCAF15</i>	ENSG00000132017	Pvull: 3736 2570 2513 1439 1347 861
P393	<i>Prdm13</i>	RT01047	pCR2.1	1430	FBgn0035687	<i>PRDM13</i>	ENSG00000112238	Supplemental Table S1.
P394	<i>TfIIA-S</i>	FI01012	pFLC-I	608	FBgn0013347	<i>GTF2A2</i>	ENSG00000140307	Pvull: 3736 2512 1347 1067 784
P395	<i>phr6-4</i>	FI01404	pFLC-I	2174	FBgn0016054	<i>CRY1</i>	ENSG00000008405	Pvull: 3736 2512 1347 1282 1027 784 213 111
P396	<i>CG9527</i>	FI01419	pFLC-I	2232	FBgn0031813	<i>ACOX3</i>	ENSG00000087008	Pvull: 3736 2512 1785 1347 906 784
P397	<i>CG34195</i>	FI01437	pFLC-I	1183	FBgn0085224	<i>METTL8</i>	ENSG00000123600	Pvull: 3736 2512 1642 1347 784
P398	<i>Irbp</i>	FI01513	pFLC-I	2161	FBgn0011774	<i>XRCC6</i>	ENSG00000196419	Pvull: 3736 2620 2512 1347 784

P399	<i>Nhe3</i>	FI01553	pFLC-I	3765	FBgn0028703	<i>SLC9A9</i>	ENSG00000181804	Pvull: 4246 3736 2512 1347 783
P400	<i>CG5731</i>	FI01815	pFLC-I	1779	FBgn0032192	<i>GLA</i>	ENSG00000102393	Pvull: 3736 2512 1347 1218 1020 784
P401	<i>CG33090</i>	FI02015	pFLC-I	3467	FBgn0028916	<i>GBA2</i>	ENSG00000070610	Pvull: 3736 2512 2308 1618 1347 784
P402	<i>Sfxn2</i>	FI02018	pFLC-I	2079	FBgn0036843	<i>SFXN5</i>	ENSG00000144040	Pvull: 3736 2512 1347 784 658 610 510 501 144 115
P403	<i>qlless</i>	FI02023	pFLC-I	2800	FBgn0051005	<i>PDSS1</i>	ENSG00000148459	Pvull: 3736 2512 1819 1347 1263 784 177
P404	<i>CG9384</i>	FI02046	pFLC-I	4444	FBgn0036446	<i>MGAT4B</i>	ENSG00000161013	Pvull: 3736 2512 2300 1637 1347 784 622 344
P405	<i>Tsr1</i>	FI02068	pFLC-I	2857	FBgn0037073	<i>TSR1</i>	ENSG00000167721	Pvull: 3736 3316 2512 1347 784
P406	<i>CSN3</i>	FI02069	pFLC-I	1694	FBgn0027055	<i>COPS3</i>	ENSG00000141030	Pvull: 3736 2512 1575 1347 784 539 39
P407	<i>CG16952</i>	FI02083	pFLC-I	3689	FBgn0030701	<i>BTBD7</i>	ENSG00000011114	Pvull: 3736 2512 2090 2080 1347 783
P408	<i>CG12948</i>	FI02086	pFLC-I	1323	FBgn0037739	<i>C14orf119</i>	ENSG00000179933	Pvull: 3736 2512 1804 1347 783
P409	<i>CG8311</i>	FI02089	pFLC-I	1893	FBgn0034141	<i>DOLK</i>	ENSG00000175283	Pvull: 3736 2512 2374 1347 783
P410	<i>ppk</i>	FI02125	pFLC-I	2478	FBgn0020258	<i>ASIC3</i>	ENSG00000213199	Pvull: 3736 2512 1967 1347 970 784
P411	<i>Eaat1</i>	FI02126	pFLC-I	2886	FBgn0026439	<i>SLC1A3</i>	ENSG00000079215	Pvull: 3736 3345 2512 1347 784
P412	<i>CG8249</i>	FI02132	pFLC-I	1959	FBgn0034045	<i>SLC2A7</i>	ENSG00000197241	Pvull: 3736 2512 1347 1322 784 658 438
P413	<i>Rpn2</i>	FI02136	pFLC-I	3367	FBgn0028692	<i>PSMD1</i>	ENSG00000173692	Pvull: 3736 2512 1347 950 784 755 648 571 494 312 96
P414	<i>Spf45</i>	FI02801	pFLC-I	1473	FBgn0086683	<i>RBM17</i>	ENSG00000134453	Pvull: 3736 2512 1529 1347 784 403
P415	<i>GstT3</i>	FI02803	pFLC-I	888	FBgn0031117	<i>GSTT2B</i>	ENSG00000133433	Pvull: 3736 2512 1347 1347 784
P416	<i>RpL35</i>	FI02809	pFLC-I	561	FBgn0029785	<i>RPL35</i>	ENSG00000136942	Pvull: 3736 2512 1347 1020 784
P417	<i>CG10747</i>	FI02810	pFLC-I	1543	FBgn0032845	<i>PLCXD1</i>	ENSG00000182378	Pvull: 3736 2512 2002 1347 784
P418	<i>CG9117</i>	FI02812	pFLC-I	924	FBgn0031766	<i>MBLAC1</i>	ENSG00000214309	Pvull: 3736 2512 1347 784 652 483 206 31 11
P419	<i>Cyp9b1</i>	FI02815	pFLC-I	1781	FBgn0015038	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 1347 1079 784 682 479
P420	<i>VhaM9.7-b</i>	FI02825	pFLC-I	721	FBgn0028663	<i>ATP6V0E1</i>	ENSG00000113732	Pvull: 3736 2512 1347 784 701 479
P421	<i>CG9240</i>	FI02827	pFLC-I	892	FBgn0030669	<i>IMMP1L</i>	ENSG00000148950	Pvull: 3736 2512 1351 1347 784
P422	<i>SmD1</i>	FI02845	pFLC-I	742	FBgn0261933	<i>SNRPD1</i>	ENSG00000167088	Pvull: 3736 2512 1347 1201 784
P423	<i>CG8562</i>	FI02848	pFLC-I	1496	FBgn0035779	<i>CPB2</i>	ENSG00000080618	Pvull: 3736 2512 1522 1347 784 433
P424	<i>RpL34a</i>	FI02850	pFLC-I	618	FBgn0039406	<i>RPL34</i>	ENSG00000109475	Pvull: 3736 2512 1347 784 605 472
P425	<i>CG4593</i>	FI02853	pFLC-I	1123	FBgn0029929	<i>CCDC25</i>	ENSG00000147419	Pvull: 3736 2512 1582 1347 784
P426	<i>Tdc1</i>	FI02861	pFLC-I	2291	FBgn0259977	<i>DDC</i>	ENSG00000132437	Pvull: 3736 2512 1347 1111 927 784 703 9
P427	<i>Phf5a</i>	FI02869	pFLC-I	482	FBgn0031822	<i>PHF5A</i>	ENSG00000100410	Pvull: 3736 2512 1347 963 783
P428	<i>Su(P)</i>	FI02878	pFLC-I	1427	FBgn0004465	<i>PTGES2</i>	ENSG00000148334	Pvull: 3736 2512 1908 1347 783
P429	<i>Sgt1</i>	FI02883	pFLC-I	1108	FBgn0265101	<i>SUGT1</i>	ENSG00000165416	Pvull: 3736 2512 1347 920 783 353 316
P430	<i>CG14977</i>	FI02884	pFLC-I	561	FBgn0035469	<i>LAMTOR4</i>	ENSG00000188186	Pvull: 3736 2512 1347 783 612 430
P431	<i>CG13367</i>	FI02893	pFLC-I	1526	FBgn0025634	<i>GATAD1</i>	ENSG00000157259	Pvull: 3736 2512 2007 1347 783
P432	<i>JTBR</i>	FI02974	pFLC-I	845	FBgn0025820	<i>JTB</i>	ENSG00000143543	Pvull: 3736 2512 1347 1326 783
P433	<i>CG17221</i>	FI02982	pFLC-I	1426	FBgn0031500	<i>DECR2</i>	ENSG00000242612	Pvull: 3736 2512 1416 1347 783 271 220
P434	<i>Ldsdh1</i>	FI02989	pFLC-I	1417	FBgn0029994	<i>HSD17B11</i>	ENSG00000198189	Pvull: 3736 2512 1898 1347 783
P435	<i>spn-B</i>	FI03211	pFLC-I	1388	FBgn0003480	<i>XRCC3</i>	ENSG00000126215	Pvull: 3736 2512 1847 1347 784
P436	<i>cln3</i>	FI03215	pFLC-I	1558	FBgn0036756	<i>CLN3</i>	ENSG00000188603	Pvull: 3736 2512 1347 819 784 617 581
P437	<i>CG8152</i>	FI03234	pFLC-I	1217	FBgn0034008	<i>GPANK1</i>	ENSG00000204438	Pvull: 3736 2512 1347 1003 784 673
P438	<i>CG43066</i>	FI03236	pFLC-I	4049	FBgn0262476	<i>SLC6A1</i>	ENSG00000157103	Pvull: 4508 3736 2512 1347 784
P439	<i>CG17145</i>	FI03257	pFLC-I	1105	FBgn0036953	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2512 1347 1090 784 474
P440	<i>Arts</i>	FI03275	pFLC-I	3680	FBgn0042177	<i>IPO4</i>	ENSG00000196497	Pvull: 3736 2512 2485 1347 1313 784 341
P441	<i>kin17</i>	FI03293	pFLC-I	1467	FBgn0024887	<i>KIN</i>	ENSG00000151657	Pvull: 3736 2512 1926 1347 784
P442	<i>Grip</i>	FI03335	pFLC-I	3780	FBgn0029830	<i>GRIP1</i>	ENSG00000155974	Pvull: 3736 2732 2512 1347 1128 784 379
P443	<i>CG15651</i>	FI03527	pFLC-I	2557	FBgn0034567	<i>FKRP</i>	ENSG00000181027	Pvull: 3736 2512 1766 1347 1137 784 113
P444	<i>Plip</i>	FI07205	pFLC-I	916	FBgn0039111	<i>PTPMT1</i>	ENSG00000110536	Pvull: 3736 2512 1347 784 743 632
P445	<i>CG16787</i>	FI07217	pFLC-I	1087	FBgn0034940	<i>C6orf136</i>	ENSG00000204564	Pvull: 3736 2512 1347 1097 784 449
P446	<i>CG4042</i>	FI07223	pFLC-I	964	FBgn0037018	<i>DMAC2</i>	ENSG00000105341	Pvull: 3736 2512 1423 1347 784

P447	<i>Ski6</i>	FI07225	pFLC-I	923	FBgn0032487	<i>EXOSC4</i>	ENSG00000178896	Pvull: 3736 2512 1382 1347 784
P448	<i>GluRS-m</i>	FI07227	pFLC-I	1703	FBgn0036629	<i>EARS2</i>	ENSG00000103356	Pvull: 3736 2512 1347 1172 825 784 165
P449	<i>Prosbeta1</i>	FI07228	pFLC-I	861	FBgn0010590	<i>PSMB9</i>	ENSG00000240065	Pvull: 3736 2512 1347 1320 784
P450	<i>TpnC4</i>	FI07231	pFLC-I	877	FBgn0033027	<i>CALM3</i>	ENSG00000160014	Pvull: 3736 2512 1358 1347 783
P451	<i>mRpS28</i>	FI07234	pFLC-I	702	FBgn0034361	<i>MRPS28</i>	ENSG00000147586	Pvull: 3736 2512 1347 783 683 500
P452	<i>CG17768</i>	FI07244	pFLC-I	1558	FBgn0032240	<i>LSM4</i>	ENSG00000130520	Pvull: 3736 2512 2017 1347 784
P453	<i>mRpL2</i>	FI07257	pFLC-I	1030	FBgn0036135	<i>MRPL2</i>	ENSG00000112651	Pvull: 3736 2512 1347 880 784 609
P454	<i>Shc</i>	FI07258	pFLC-I	1625	FBgn0015296	<i>SHC4</i>	ENSG00000185634	Pvull: 3736 2512 1347 928 890 783 288
P455	<i>CG8320</i>	FI07302	pFLC-I	992	FBgn0034059	<i>TMEM208</i>	ENSG00000168701	Pvull: 3736 2512 1347 1158 784 293
P456	<i>CG10031</i>	FI07333	pFLC-I	593	FBgn0031563	<i>CHAMP1</i>	ENSG00000198824	Pvull: 3736 2512 1347 1074 783
P457	<i>Rab39</i>	FI07418	pFLC-I	1143	FBgn0029959	<i>RAB39B</i>	ENSG00000155961	Pvull: 3736 2512 1347 928 784 674
P458	<i>CG14220</i>	FI07430	pFLC-I	1324	FBgn0031036	<i>SUDS3</i>	ENSG00000111707	Pvull: 3736 2512 1347 829 784 588 351 15
P459	<i>alphaTub85E</i>	FI07460	pFLC-I	1575	FBgn0003886	<i>TUBA3C</i>	ENSG00000198033	Pvull: 3736 2512 1347 1210 783 338 283 225
P460	<i>CG9084</i>	FI07507	pFLC-I	926	FBgn0033582	<i>PLSCR1</i>	ENSG00000188313	Pvull: 3736 2512 1385 1347 784
P461	<i>LSm3</i>	FI09213	pFLC-I	509	FBgn0051184	<i>C19orf54</i>	ENSG00000188493	Pvull: 3736 2512 1347 968 784
P462	<i>CG31030</i>	FI09225	pFLC-I	1683	FBgn0051030	<i>ATP6AP1L</i>	ENSG00000205464	Pvull: 3736 2512 1856 1347 783 267 41
P463	<i>CG14778</i>	FI09233	pFLC-I	771	FBgn0029580	<i>MPV17</i>	ENSG00000115204	Pvull: 3736 2512 1347 1252 783
P464	<i>CG32817</i>	FI09234	pFLC-I	548	FBgn0052817	<i>SIVA1</i>	ENSG00000184990	Pvull: 3736 2512 1347 1029 783
P465	<i>CG4592</i>	FI09311	pFLC-I	1021	FBgn0032162	<i>ECI1</i>	ENSG00000167969	Pvull: 3736 2512 1480 1347 784
P466	<i>CG7523</i>	FI09314	pFLC-I	1118	FBgn0038533	<i>TMEM192</i>	ENSG00000170088	Pvull: 3736 2512 1347 948 784 629
P467	<i>CG9988</i>	FI09337	pFLC-I	2287	FBgn0039591	<i>ASTN1</i>	ENSG00000152092	Pvull: 3736 2746 2512 1347 784
P468	<i>CG42382</i>	FI09344	pFLC-I	909	FBgn0259728	<i>RAD51D</i>	ENSG00000185379	Pvull: 3736 2512 1390 1347 783
P469	<i>Csas</i>	FI09407	pFLC-I	775	FBgn0052220	<i>CMAS</i>	ENSG00000111726	Pvull: 3736 2512 1347 1256 783
P470	<i>Rpt3R</i>	RE01104	pFLC-I	1442	FBgn0037742	<i>PSMC1</i>	ENSG00000100764	verified by sequencing
P471	<i>Nfil</i>	RE01666	pFLC-I	4583	FBgn0042696	<i>NFIX</i>	ENSG00000008441	Pvull: 3736 2758 2512 1822 1347 784 382 80
P472	<i>tyg</i>	RE01689	pFLC-I	1627	FBgn0030984	<i>C1GALT1</i>	ENSG00000106392	Pvull: 3736 2512 1347 1320 784 604 162
P473	<i>app</i>	RE02357	pFLC-I	4523	FBgn0260941	<i>ZDHHC14</i>	ENSG00000175048	Pvull: 3736 3015 2512 1967 1347 784
P474	<i>ics</i>	RE04081	pFLC-I	1076	FBgn0028546	<i>RSU1</i>	ENSG00000148484	Pvull: 3736 2512 1347 831 784 461 243
P475	<i>abd-A</i>	RE04174	pFLC-I	4872	FBgn0000014	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 3528 2512 1347 1157 784 646
P476	<i>sdt</i>	RE05272	pFLC-I	4496	FBgn0261873	<i>MPP6</i>	ENSG00000105926	Pvull: 3736 2619 2512 1347 784 609 602 402 300 294 111 18
P477	<i>Pde8</i>	RE07805	pFLC-I	5404	FBgn0266377	<i>PDE8A</i>	ENSG00000073417	Pvull: 3736 2567 2512 1347 880 784 641 497 483 445 350
P478	<i>rl</i>	RE08694	pFLC-I	1613	FBgn0003256	<i>MAPK11</i>	ENSG00000185386	Pvull: 3736 2512 2072 1347 784
P479	<i>rdx</i>	RE09049	pFLC-I	3495	FBgn0264493	<i>LZTR1</i>	ENSG00000099949	Pvull: 3954 3736 2512 1347 784
P480	<i>CG12106</i>	RE09151	pFLC-I	1344	FBgn0030100	<i>COMMD3</i>	ENSG00000148444	Pvull: 3736 2512 1347 784 661 578 539 25
P481	<i>MED21</i>	RE10855	pFLC-I	788	FBgn0040020	<i>MED21</i>	ENSG00000152944	Pvull: 3736 2512 1347 1247 784
P482	<i>Dys</i>	RE11449	pFLC-I	4541	FBgn0260003	<i>UTRN</i>	ENSG00000152818	Pvull: 3736 2512 1864 1724 1412 1347 784
P483	<i>CG45105</i>	RE13779	pFLC-I	3502	FBgn0266566	<i>SDCCAG8</i>	ENSG00000054282	Pvull: 3736 2512 1347 1192 784 764 754 495 456 207 93
P484	<i>Gel</i>	RE15339	pFLC-I	2906	FBgn0010225	<i>CAPG</i>	ENSG00000042493	Pvull: 3736 2512 2327 1347 1038 784
P485	<i>PIG-V</i>	RE16378	pFLC-I	1801	FBgn0265174	<i>PIGV</i>	ENSG00000060642	Pvull: 3736 2512 1347 1113 880 784 267
P486	<i>Duba</i>	RE19005	pFLC-I	3188	FBgn0036180	<i>OTUD5</i>	ENSG00000068308	Supplemental Table S1.
P487	<i>CG41520</i>	RE19569	pFLC-I	2732	FBgn0087011	<i>ANGPTL2</i>	ENSG00000136859	Pvull: 3736 3191 2512 1347 784
P488	<i>Mmp1</i>	RE19818	pFLC-I	3115	FBgn0035049	<i>MMP9</i>	ENSG00000100985	Pvull: 3736 2512 1501 1478 1347 784 595
P489	<i>SmydA-7</i>	RE22408	pFLC-I	1734	FBgn0034182	<i>ERLIN2</i>	ENSG00000147475	Pvull: 3736 2512 1837 1347 784 356
P490	<i>e(y)1</i>	RE24789	pFLC-I	1120	FBgn0000617	<i>TAF9B</i>	ENSG00000187325	Pvull: 3736 2512 1579 1347 784
P491	<i>Glut4EF</i>	RE25317	pFLC-I	4798	FBgn0267336	<i>ZNF395</i>	ENSG00000186918	Pvull: 3736 2512 1892 1661 1347 1049 784 655
P492	<i>CG17036</i>	RE26232	pFLC-I	1682	FBgn0032449	<i>SLC19A3</i>	ENSG00000135917	Pvull: 3736 2512 1347 1340 784 486 315
P493	<i>Dmtn</i>	RE27685	pFLC-I	3759	FBgn0037443	<i>TMCC1</i>	ENSG00000172765	Pvull: 3736 2512 1788 1347 1002 835 784 530 63
P494	<i>CG8519</i>	RE30129	pFLC-I	1313	FBgn0035711	<i>RERG</i>	ENSG00000134533	Pvull: 3736 2512 1347 1046 784 726

P495	<i>Ptp4E</i>	RE30833	pFLC-I	6088	FBgn0004368	<i>PTPRO</i>	ENSG00000151490	Pvull: 3736 2512 1830 1483 1347 1172 973 958 784 125 6
P496	<i>CG9667</i>	RE31520	pFLC-I	876	FBgn0037550	<i>ISY1-RAB43</i>	ENSG00000261796	Pvull: 3736 2512 1347 1335 784
P497	<i>CG5021</i>	RE32705	pFLC-I	1306	FBgn0035944	<i>TVP23C-CDRT4</i>	ENSG00000259024	Pvull: 3736 2512 1765 1347 784
P498	<i>pnr</i>	RE33290	pFLC-I	3625	FBgn0003117	<i>GATA4</i>	ENSG00000136574	Pvull: 4084 3736 2512 1347 784
P499	<i>pHCl</i>	RE33441	pFLC-I	3378	FBgn0264908	<i>GABRR3</i>	ENSG00000183185	Pvull: 3736 2512 1347 982 852 784 777 727 499
P500	<i>CG13667</i>	RE34180	pFLC-I	1855	FBgn0035890	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 2314 1347 784
P501	<i>ATP8A</i>	RE35187	pFLC-I	4989	FBgn0259221	<i>ATP8A2</i>	ENSG00000132932	Pvull: 3736 3155 2512 1570 1347 784 723
P502	<i>CG14646</i>	RE35255	pFLC-I	1589	FBgn0037241	<i>TMEM129</i>	ENSG00000168936	Pvull: 3736 2512 2048 1347 784
P503	<i>lt</i>	RE35406	pFLC-I	2792	FBgn0002566	<i>VPS41</i>	ENSG00000006715	Pvull: 3736 3251 2512 1347 784
P504	<i>CG31368</i>	RE35509	pFLC-I	4633	FBgn0051368	<i>AQR</i>	ENSG00000021776	Pvull: 3736 2512 1449 1347 909 873 784 508 390 378 365 220
P505	<i>ps</i>	RE39088	pFLC-I	4647	FBgn0261552	<i>NOVA1</i>	ENSG00000139910	Pvull: 3736 3354 2512 1347 1302 784 286 164
P506	<i>CG32163</i>	RE42714	pFLC-I	827	FBgn0052163	<i>NATD1</i>	ENSG00000274180	Pvull: 3736 2512 1347 1286 784
P507	<i>Pkcdelta</i>	RE44754	pFLC-I	3008	FBgn0259680	<i>PRKCA</i>	ENSG00000154229	Pvull: 3736 2512 1954 1347 908 784 605
P508	<i>cher</i>	RE44980	pFLC-I	7582	FBgn0014141	<i>FLNC</i>	ENSG00000128591	Pvull: 3736 2512 2402 1468 1456 1347 1245 784 588 475 407
P509	<i>apt</i>	LD45581	pOT2	2824	FBgn0015903	<i>ATP5IF1</i>	ENSG00000130770	verified by sequencing
P510	<i>l(2)37Cd</i>	RE46634	pFLC-I	1836	FBgn0086445	<i>GTF3C5</i>	ENSG00000148308	Pvull: 3736 2512 1347 889 870 784 536
P511	<i>CG2680</i>	RE47284	pFLC-I	1198	FBgn0024995	<i>PGP</i>	ENSG00000184207	Pvull: 3736 2512 1347 1154 784 503
P512	<i>Afti</i>	RE49017	pFLC-I	4217	FBgn0038223	<i>AFTPH</i>	ENSG00000119844	Pvull: 3736 2512 1347 1314 1245 784 567 561 490 279 140 80
P513	<i>CG15923</i>	RE49535	pFLC-I	4342	FBgn0038814	<i>TMEM67</i>	ENSG00000164953	Pvull: 3736 2512 1766 1347 926 792 784 361 325 186 165 153 86 41
P514	<i>att-ORFA</i>	RE52377	pFLC-I	1901	FBgn0067783	<i>SLC25A42</i>	ENSG00000181035	Pvull: 3736 2512 1771 1347 784 589
P515	<i>Rab40</i>	RE54550	pFLC-I	1630	FBgn0030391	<i>RAB40A</i>	ENSG00000172476	Pvull: 3736 2512 1445 1347 784 644
P516	<i>Nrk</i>	RE55360	pFLC-I	3238	FBgn0020391	<i>MUSK</i>	ENSG00000030304	Pvull: 3736 3697 2512 1347 784
P517	<i>pall</i>	RE55455	pFLC-I	1198	FBgn0036005	<i>FBXO28</i>	ENSG00000143756	Pvull: 3736 2512 1347 1022 784 635
P518	<i>Fatp2</i>	RE60616	pFLC-I	2645	FBgn0265187	<i>SLC27A1</i>	ENSG00000130304	Pvull: 3736 2512 1577 1347 819 784 708
P519	<i>ema</i>	RE60631	pFLC-I	3399	FBgn0038427	<i>CLEC16A</i>	ENSG00000038532	Pvull: 3736 2512 1440 1347 1345 784 628 445
P520	<i>Dyrk3</i>	RE60792	pFLC-I	3400	FBgn0027101	<i>DYRK3</i>	ENSG00000143479	Pvull: 3736 2512 2073 1786 1347 784
P521	<i>Fmr1</i>	RE61538	pFLC-I	3758	FBgn0028734	<i>FXR2</i>	ENSG00000129245	Pvull: 3736 2512 1994 1943 1347 784 280
P522	<i>yata</i>	RE62393	pFLC-I	3565	FBgn0260990	<i>SCYL1</i>	ENSG00000142186	Pvull: 3736 2512 1689 1347 1054 1020 784 168 93
P523	<i>brn</i>	RE62856	pFLC-I	1463	FBgn0000221	<i>B3GNT2</i>	ENSG00000170340	Pvull: 3736 2512 1347 1074 784 476 372
P524	<i>CG30022</i>	RE65881	pFLC-I	1357	FBgn0050022	<i>ETHE1</i>	ENSG00000105755	Pvull: 3736 2512 1347 955 784 656 205
P525	<i>l(3)80Fg</i>	RE67575	pFLC-I	2565	FBgn0058178	<i>DNAJC16</i>	ENSG00000116138	Pvull: 3736 3024 2512 1347 784
P526	<i>CG32335</i>	RE72485	pFLC-I	1093	FBgn0063667	<i>C11orf54</i>	ENSG00000182919	Pvull: 3736 2512 1552 1347 784
P527	<i>Tsp39D</i>	RE72862	pFLC-I	2364	FBgn0032943	<i>TSPAN9</i>	ENSG00000011105	Pvull: 3736 2512 2237 1347 784 586
P528	<i>CG40485</i>	RH03309	pFLC-I	1467	FBgn0069973	<i>DHRS11</i>	ENSG00000278535	Pvull: 3736 2512 1421 1347 783 527
P529	<i>Asap1</i>	RH04774	pFLC-I	4078	FBgn0050372	<i>ASAP2</i>	ENSG00000151693	verified by sequencing
P530	<i>CG3699</i>	RH05486	pFLC-I	855	FBgn0040349	<i>CBR4</i>	ENSG00000145439	Pvull: 3736 2512 1347 783 708 628
P531	<i>CG6415</i>	RH05648	pFLC-I	1263	FBgn0032287	<i>AMT</i>	ENSG00000145020	Pvull: 3736 2512 1347 783 674 597 473
P532	<i>PIP4K</i>	RH07911	pFLC-I	1452	FBgn0039924	<i>PIP4K2C</i>	ENSG00000166908	Pvull: 3736 2512 1933 1347 783
P533	<i>capt</i>	RH08748	pFLC-I	3061	FBgn0261458	<i>CAP1</i>	ENSG00000131236	Pvull: 3736 2512 1756 1347 1132 783 654
P534	<i>Neurochondrin</i>	RH09294	pFLC-I	2623	FBgn0037447	<i>NCDN</i>	ENSG00000020129	Pvull: 3736 2512 1634 1470 1347 783
P535	<i>Tsp26A</i>	RH09503	pFLC-I	3047	FBgn0031760	<i>TSPAN5</i>	ENSG00000168785	Pvull: 3736 2512 1608 1584 1347 783 296 40
P536	<i>CG3862</i>	RH09889	pFLC-I	1507	FBgn0031286	<i>RCC1L</i>	ENSG00000274523	Pvull: 3736 2512 1347 1061 927 783
P537	<i>Atg10</i>	RH23185	pFLC-I	3487	FBgn0040780	<i>ATG10</i>	ENSG00000152348	Pvull: 3736 2512 1880 1347 1057 792 783 239
P538	<i>cpx</i>	RH26459	pFLC-I	3562	FBgn0041605	<i>CPLX1</i>	ENSG00000168993	Pvull: 3736 2512 2152 1891 1347 783
P539	<i>PP2A-B'</i>	RH35136	pFLC-I	3589	FBgn0042693	<i>PPP2R5C</i>	ENSG00000078304	Pvull: 4070 3736 2512 1347 783
P540	<i>CG33506</i>	RH47216	pFLC-I	1066	FBgn0053506	<i>TMEM177</i>	ENSG00000144120	Pvull: 3736 2512 1347 783 553 529 465
P541	<i>His4:CG33897</i>	RH52884	pFLC-I	607	FBgn0053897	<i>HIST1HAJ</i>	ENSG00000197238	Pvull: 3736 2512 1347 1088 783
P542	<i>mtt</i>	RH53709	pFLC-I	3948	FBgn0050361	<i>GRM2</i>	ENSG00000164082	Pvull: 3736 2512 1530 1462 1347 1140 783 297

P543	CG10333	RH55640	pFLC-I	2670	FBgn0032690	DDX23	ENSG00000174243	Pvull: 3736 2912 2512 1347 783 239
P544	CG41128	RH61753	pFLC-I	325	FBgn0069923	MINOS1	ENSG00000173436	Pvull: 3736 2512 1347 806 783
P545	shep	RH63980	pFLC-I	2788	FBgn0052423	RBMS1	ENSG00000153250	verified by sequencing
P546	CG11414	FI04483	pFLC-I	3127	FBgn0035024	ZNF598	ENSG00000167962	Pvull: 3736 2512 1892 1694 1347 784
P547	AOX3	FI04488	pFLC-I	4191	FBgn0038349	AOX1	ENSG00000138356	Pvull: 3736 2512 1645 1565 1347 784 753 413 228 46
P548	CG32085	FI04525	pFLC-I	3043	FBgn0052085	FBXL16	ENSG00000127585	Pvull: 3736 2512 1347 1242 848 834 783 354 216 30
P549	RluA-1	FI04540	pFLC-I	3088	FBgn0051719	RPUSD2	ENSG00000166133	Pvull: 3736 2678 2512 1347 891 783
P550	CG5909	FI04643	pFLC-I	1474	FBgn0039495	KLK9	ENSG00000213022	Pvull: 3736 2512 1347 1225 783 439 271 20
P551	AnxB9	FI09226	pFLC-I	1447	FBgn0000083	ANXA1	ENSG00000135046	Pvull: 3736 2512 1347 1020 908 783
P552	Eip71CD	FI09229	pFLC-I	1012	FBgn0000565	MSRA	ENSG00000175806	Pvull: 3736 2512 1493 1347 783
P553	ImpL3	FI09306	pFLC-I	1408	FBgn0001258	LDHA	ENSG00000134333	Pvull: 3736 2512 1867 1347 784
P554	CG9422	FI09323	pFLC-I	799	FBgn0033092	RPP25L	ENSG00000164967	Pvull: 3736 2512 1347 1258 784
P555	Nup43	FI09332	pFLC-I	1208	FBgn0038609	NUP43	ENSG00000120253	Pvull: 3736 2512 1667 1347 784
P556	Sr-CII	FI01814	pFLC-I	2041	FBgn0020377	MDGA1	ENSG00000112139	Pvull: 3736 2512 1870 1347 784 630
P557	HPS4	FI02012	pFLC-I	3421	FBgn0034261	HPS4	ENSG00000100099	Pvull: 3880 3736 2512 1347 784
P558	disp	FI02022	pFLC-I	4901	FBgn0029088	DISP1	ENSG00000154309	Pvull: 4038 3736 2512 1347 1322 784
P559	Sh	FI02063	pFLC-I	2458	FBgn0003380	KCNA5	ENSG00000130037	Pvull: 3736 2512 2028 1347 829 784 54 6
P560	CG7741	FI02077	pFLC-I	3170	FBgn0033615	CWF19L1	ENSG00000095485	Pvull: 3736 3629 2512 1347 784
P561	Ekar	FI02084	pFLC-I	2988	FBgn0039916	GRIN3B	ENSG00000116032	Pvull: 3736 2512 1800 1669 1347 783
P562	GluRIA	FI02103	pFLC-I	3824	FBgn0004619	GRIA1	ENSG00000155511	Pvull: 3736 2846 2512 1437 1347 784
P563	beat-lb	FI02157	pFLC-I	2624	FBgn0028645	CADM2	ENSG00000175161	Pvull: 3736 2847 2512 1347 784 236
P564	ECSIT	FI02802	pFLC-I	1346	FBgn0028436	ECSIT	ENSG00000130159	Pvull: 3736 2512 1347 1162 784 571 72
P565	CG33281	FI02831	pFLC-I	1603	FBgn0053281	SLC2A7	ENSG00000197241	Pvull: 3736 2512 1347 1143 784 662 257
P566	CG6738	FI02833	pFLC-I	1302	FBgn0039053	PM20D1	ENSG00000162877	Pvull: 3736 2512 1380 1347 784 381
P567	Smvt	FI02923	pFLC-I	2011	FBgn0039873	SLC5A6	ENSG00000138074	Pvull: 3736 2512 2470 1347 784
P568	CG4476	FI03271	pFLC-I	2412	FBgn0035969	SLC6A1	ENSG00000157103	Pvull: 3736 2512 1773 1347 784 478 424 196
P569	CG5830	FI03279	pFLC-I	3548	FBgn0036556	CTDSP1	ENSG00000144579	Pvull: 3736 2512 2504 1503 1347 784
P570	pkaap	FI03282	pFLC-I	2456	FBgn0040079	AKAP10	ENSG00000108599	Pvull: 3736 2512 1705 1347 1173 784 37
P571	CG10467	FI04403	pFLC-I	1551	FBgn0035679	GALM	ENSG00000143891	Pvull: 3736 2512 1501 1347 784 509
P572	Rox8	FI04408	pFLC-I	2955	FBgn0005649	TIA1	ENSG00000116001	Pvull: 3736 3414 2512 1347 784
P573	Aph-4	FI04434	pFLC-I	2166	FBgn0016123	ALPP	ENSG00000163283	Pvull: 3736 2512 2017 1347 783 491 139
P574	Art7	FI04436	pFLC-I	2236	FBgn0034817	PRMT7	ENSG00000132600	Pvull: 3736 2512 1347 896 832 783 579 162 124 42 29 28 16 9
P575	TBC1D16	FI04439	pFLC-I	2948	FBgn0032249	TBC1D15	ENSG00000121749	Pvull: 3736 2512 2030 1399 1347 783
P576	GCC185	FI04457	pFLC-I	4046	FBgn0037979	TPR	ENSG00000047410	Pvull: 3736 2512 1957 1347 1253 821 784 201 169 104
P577	Pdxk	FI04467	pFLC-I	1570	FBgn0085484	PDXK	ENSG00000160209	Pvull: 3736 2512 1431 1347 784 598
P578	alc	FI04468	pFLC-I	1531	FBgn0260972	PRKAB2	ENSG00000131791	Pvull: 3736 2512 1347 1163 827 784
P579	lili	FI04472	pFLC-I	2717	FBgn0027539	LMBR1	ENSG00000105983	Pvull: 3736 2512 1629 1347 826 784 721
P580	CG15111	FI04476	pFLC-I	1707	FBgn0034419	ABHD12B	ENSG00000131969	Pvull: 3736 2512 1347 1241 925 784
P581	wun2	FI04477	pFLC-I	1982	FBgn0041087	PLPP2	ENSG00000141934	Pvull: 3736 2512 1347 1243 1070 784 128
P582	CRMP	FI04515	pFLC-I	4032	FBgn0023023	DPYSL2	ENSG00000092964	Pvull: 3736 2512 1738 1674 1347 784 713 366
P583	CG13248	FI04531	pFLC-I	2872	FBgn0036984	SLC7A14	ENSG0000013293	Pvull: 3736 2512 1915 1347 1218 783 220
P584	Roe1	FI04716	pFLC-I	1089	FBgn0014877	GRPEL2	ENSG00000164284	Pvull: 3736 2512 1548 1347 784
P585	dnt	FI04807	pFLC-I	2652	FBgn0024245	RYK	ENSG00000163785	verified by sequencing
P586	CG15073	FI04829	pFLC-I	2066	FBgn0034379	ZNF563	ENSG00000188868	Pvull: 3736 2512 1478 1347 1047 784
P587	CG9514	FI04917	pFLC-I	3112	FBgn0030592	CHDH	ENSG00000016391	Pvull: 3736 2512 2438 1347 1133 784
P588	gt	FI04928	pFLC-I	1792	FBgn0001150	CREB3L1	ENSG00000157613	Pvull: 3736 2512 1347 1047 784 647 557
P589	MED8	FI07210	pFLC-I	981	FBgn0034503	MED8	ENSG00000159479	Pvull: 3736 2512 1347 956 784 484
P590	tin	FI07263	pFLC-I	1677	FBgn0004110	HHEX	ENSG00000152804	Pvull: 3736 2512 1347 1311 825 784

P591	<i>Naxe</i>	FI07335	pFLC-I	1215	FBgn0030178	<i>TTC24</i>	ENSG00000187862	Pvull: 3736 2512 1474 1347 783 222
P592	<i>CG7378</i>	FI07537	pFLC-I	1205	FBgn0030976	<i>DUSP14</i>	ENSG00000276023	Pvull: 3736 2512 1347 1046 783 640
P593	<i>Cyp4d14</i>	RE27104	pFLC-I	1698	FBgn0023541	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 2157 1347 784
P594	<i>Cyp6a19</i>	RE34964	pFLC-I	1708	FBgn0033979	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 2167 1347 784
P595	<i>pnt</i>	RE52147	pFLC-I	4086	FBgn0003118	<i>GABPA</i>	ENSG00000154727	Pvull: 3736 3589 2512 1347 956 784
P596	<i>CG5281</i>	RH69884	pFLC-I	1598	FBgn0037902	<i>SLC35G1</i>	ENSG00000176273	Pvull: 3736 2512 2079 1347 783
P597	<i>Act88F</i>	RH70883	pFLC-I	1612	FBgn0000047	<i>ACTC1</i>	ENSG00000159251	Pvull: 3736 2512 2093 1347 783
P598	<i>vari</i>	FI01467	pFLC-I	2731	FBgn0250785	<i>MPP6</i>	ENSG00000105926	Pvull: 3736 2512 2131 1347 1081 783
P599	<i>Ogg1</i>	FI01819	pFLC-I	1321	FBgn0027864	<i>OGG1</i>	ENSG00000114026	Pvull: 3736 2512 1577 1347 784 203
P600	<i>CG6723</i>	FI02016	pFLC-I	2003	FBgn0037895	<i>SLC5A6</i>	ENSG00000138074	Pvull: 3736 2512 1515 1347 947 784
P601	<i>CG32091</i>	FI02074	pFLC-I	2979	FBgn0052091	<i>ABCG5</i>	ENSG00000138075	Pvull: 3736 2512 1847 1591 1347 784
P602	<i>PyK</i>	FI02081	pFLC-I	2200	FBgn0267385	<i>PKM</i>	ENSG00000067225	Pvull: 3736 2512 1602 1347 783 559 520
P603	<i>CG5001</i>	FI02090	pFLC-I	1849	FBgn0031322	<i>DNAJB4</i>	ENSG00000162616	Pvull: 3736 2512 2330 1347 783
P604	<i>CG9657</i>	FI02094	pFLC-I	2110	FBgn0029950	<i>SLC5A6</i>	ENSG00000138074	Pvull: 3736 2512 1921 1347 783 670
P605	<i>CG10628</i>	FI02804	pFLC-I	1267	FBgn0032818	<i>MTG2</i>	ENSG00000101181	Pvull: 3736 2512 1347 972 784 754
P606	<i>Rad17</i>	FI02832	pFLC-I	1816	FBgn0025808	<i>RAD17</i>	ENSG00000152942	Pvull: 3736 2512 1585 1347 784 690
P607	<i>CG8027</i>	FI02838	pFLC-I	2610	FBgn0033392	<i>GNPTAB</i>	ENSG00000111670	Pvull: 3736 2512 2337 1347 784 732
P608	<i>T3dh</i>	FI02885	pFLC-I	1961	FBgn0017482	<i>ADHFE1</i>	ENSG00000147576	Pvull: 3736 2512 2442 1347 783
P609	<i>Marc</i>	FI02892	pFLC-I	1203	FBgn0033451	<i>MARC1</i>	ENSG00000186205	Pvull: 3736 2512 1684 1347 783
P610	<i>CG10073</i>	FI03207	pFLC-I	2769	FBgn0034440	<i>ERMP1</i>	ENSG00000099219	Pvull: 3736 2512 1493 1347 983 784 752
P611	<i>pav</i>	FI03252	pFLC-I	3222	FBgn0011692	<i>KIF20B</i>	ENSG00000138182	Pvull: 3736 2512 1662 1379 1347 784 537 103
P612	<i>CG6937</i>	FI03269	pFLC-I	1311	FBgn0038989	<i>NIFK</i>	ENSG00000155438	Pvull: 3736 2512 1347 810 784 500 460
P613	<i>aPKC</i>	FI03288	pFLC-I	3234	FBgn0261854	<i>PRKCI</i>	ENSG00000163558	verified by sequencing
P614	<i>Ugt36Bc</i>	FI03416	pFLC-I	1946	FBgn0040260	<i>UGT1A9</i>	ENSG00000241119	Pvull: 3736 2512 1683 1347 784 722
P615	<i>Tom70</i>	FI03495	pFLC-I	2273	FBgn0032397	<i>TOMM34</i>	ENSG00000025772	Pvull: 3736 2512 1347 990 838 784 459 445
P616	<i>CG6766</i>	FI04402	pFLC-I	1921	FBgn0032398	<i>OS9</i>	ENSG00000135506	Pvull: 3736 2512 1935 1347 784 445
P617	<i>SRm160</i>	FI04407	pFLC-I	3927	FBgn0036340	<i>SRRM1</i>	ENSG00000133226	Pvull: 3736 2512 1843 1347 951 825 784 767
P618	<i>piwi</i>	FI04411	pFLC-I	2982	FBgn0004872	<i>AGO3</i>	ENSG00000126070	Pvull: 3736 3441 2512 1347 784
P619	<i>Cyp12a4</i>	FI04423	pFLC-I	1711	FBgn0038681	<i>CYP2C9</i>	ENSG00000138109	Pvull: 3736 2512 1511 1347 783 681
P620	<i>Rbp2</i>	FI04456	pFLC-I	2647	FBgn0262734	<i>CNBP</i>	ENSG00000169714	Pvull: 3736 2512 1347 1242 1163 783 723
P621	<i>GluRIIE</i>	FI04462	pFLC-I	3491	FBgn0051201	<i>GRIN3B</i>	ENSG00000116032	Pvull: 3736 2512 1605 1347 1178 1146 784 21
P622	<i>CG11030</i>	FI04466	pFLC-I	1814	FBgn0031736	<i>C1D</i>	ENSG00000197223	Pvull: 3736 2512 2073 1347 784 200
P623	<i>dare</i>	FI04471	pFLC-I	1694	FBgn0015582	<i>FDXR</i>	ENSG00000161513	Pvull: 3736 2512 1347 1043 784 618 492
P624	<i>CG5116</i>	FI04601	pFLC-I	2392	FBgn0039339	<i>GTPBP6</i>	ENSG00000178605	Pvull: 3736 2512 1913 1347 938 784
P625	<i>Rat1</i>	FI04660	pFLC-I	3361	FBgn0031868	<i>XRN1</i>	ENSG00000114127	Pvull: 3736 2512 2382 1438 1347 784
P626	<i>crp</i>	FI04923	pFLC-I	3552	FBgn0001994	<i>TFAP4</i>	ENSG00000090447	Pvull: 3736 2512 1463 1347 784 626 624 549 390 315 34 10
P627	<i>CG9601</i>	FI07206	pFLC-I	1854	FBgn0037578	<i>PNKP</i>	ENSG00000039650	Pvull: 3736 2512 2313 1347 784
P628	<i>l(2)not</i>	FI07241	pFLC-I	1716	FBgn0011297	<i>ALG3</i>	ENSG00000214160	Pvull: 3736 2512 1347 784 706 674 297 270 228
P629	<i>Ada1-1</i>	FI09215	pFLC-I	1118	FBgn0051865	<i>TADA1</i>	ENSG00000152382	Pvull: 3736 2512 1373 1347 784 204
P630	<i>CG17109</i>	FI09240	pFLC-I	1330	FBgn0039051	<i>PM20D1</i>	ENSG00000162877	Pvull: 3736 2512 1347 990 799 784
P631	<i>Bre1</i>	FI09417	pFLC-I	3656	FBgn0086694	<i>RNF20</i>	ENSG00000155827	Pvull: 3736 2512 1347 1323 1267 784 366 296 285 262 193 63 60
P632	<i>CG34140</i>	RE01995	pFLC-I	1745	FBgn0083976	<i>PUSL1</i>	ENSG00000169972	Pvull: 3736 2512 2204 1347 784
P633	<i>Kank</i>	RE07910	pFLC-I	4891	FBgn0027596	<i>KANK2</i>	ENSG00000197256	Pvull: 3736 2512 1883 1820 1347 862 785 784
P634	<i>mRpl53</i>	RE16138	pFLC-I	841	FBgn0050481	<i>MRPL53</i>	ENSG00000204822	Pvull: 3736 2512 1347 784 675 273 200 152
P635	<i>Wdr62</i>	RE21455	pFLC-I	6260	FBgn0031374	<i>WDR62</i>	ENSG00000075702	Pvull: 3736 2512 2214 1370 1347 1096 1094 784 780 165
P636	<i>RpS11</i>	RE28480	pFLC-I	743	FBgn0033699	<i>RPS11</i>	ENSG00000142534	Pvull: 3736 2512 1347 1202 784
P637	<i>CG32581</i>	RE35552	pFLC-I	1447	FBgn0052581	<i>RNF5</i>	ENSG00000204308	Pvull: 3736 2512 1906 1347 784
P638	<i>pds5</i>	RE40483	pFLC-I	4667	FBgn0260012	<i>PDS5A</i>	ENSG00000121892	Pvull: 3736 2512 1983 1469 1347 1236 784 342 87 9

P639	CG14207	RE52196	pFLC-I	1275	FBgn0031037	HSPB8	ENSG00000152137	Pvull: 3736 2512 1734 1347 784
P640	CG32441	RE66462	pFLC-I	901	FBgn0052441	EMC10	ENSG00000161671	Pvull: 3736 2512 1347 1027 784 309 24
P641	CG11760	RE66485	pFLC-I	1924	FBgn0037615	TMEM216	ENSG00000187049	Pvull: 3736 2512 1347 996 900 784 487
P642	Vha14-1	RE70710	pFLC-I	671	FBgn0262512	ATP6V1F	ENSG00000128524	Pvull: 3736 2512 1347 929 784 201
P643	CG30423	RH04491	pFLC-I	643	FBgn0050423	LEPROT	ENSG00000213625	Pvull: 3736 2512 1347 1124 783
P644	5-HT2	RH04788	pFLC-I	3189	FBgn0087012	ADRB1	ENSG00000043591	Pvull: 3736 3670 2512 1347 783
P645	CG16713	RH15675	pFLC-I	337	FBgn0031560	ADAMTS7	ENSG00000136378	Pvull: 3736 2512 1347 818 783
P646	CG33155	RH74701	pFLC-I	926	FBgn0053155	MRPL53	ENSG00000204822	Pvull: 3736 2512 1347 783 735 672
P647	CG5056	FI01501	pFLC-I	1264	FBgn0032231	OSER1	ENSG00000132823	Pvull: 3736 2512 1347 1338 784 385
P648	CG8563	FI01817	pFLC-I	1801	FBgn0035777	CPB2	ENSG00000080618	Pvull: 3736 2512 2260 1347 784
P649	NAAT1	FI01839	pFLC-I	2497	FBgn0029762	SLC6A1	ENSG00000157103	Pvull: 3736 2956 2512 1347 784
P650	CG5290	FI02004	pFLC-I	2926	FBgn0036772	TTC27	ENSG00000018699	Pvull: 3736 2512 1347 1225 961 784 622 577
P651	Best2	FI02024	pFLC-I	3556	FBgn0035696	BEST4	ENSG00000142959	Pvull: 3736 2512 2241 1444 1347 784 220 110
P652	Cdk8	FI03233	pFLC-I	1524	FBgn0015618	CDK19	ENSG00000155111	Pvull: 3736 2512 1983 1347 784
P653	CG15533	FI03326	pFLC-I	2213	FBgn0039768	SMPD1	ENSG00000166311	Pvull: 3736 2512 1347 1036 784 654 565 417
P654	antdh	FI07236	pFLC-I	965	FBgn0026268	DHRS11	ENSG00000278535	Pvull: 3736 2512 1446 1347 783
P655	CG10353	FI11901	pFLC-I	4217	FBgn0030349	ANO6	ENSG00000177119	Pvull: 3736 3011 2512 1347 892 784 710 63
P656	Keap1	FI11917	pFLC-I	2942	FBgn0038475	KEAP1	ENSG00000079999	Pvull: 3736 3151 2512 1347 784 250
P657	Srp14	FI11929	pFLC-I	461	FBgn0038808	SRP14	ENSG00000140319	Pvull: 3736 2512 1347 920 784
P658	bl	RE05515	pFLC-I	2115	FBgn0267791	PCBP3	ENSG00000183570	Pvull: 3736 2574 2512 1347 784
P659	Papss	RE15281	pFLC-I	2476	FBgn0020389	PAPSS1	ENSG00000138801	Pvull: 3736 2512 1752 1347 1183 784
P660	fbp	RE19105	pFLC-I	1214	FBgn0032820	FBP1	ENSG00000165140	Pvull: 3736 2512 1347 864 784 431 378
P661	gus	RE21578	pFLC-I	2050	FBgn0026238	SPSB2	ENSG00000111671	Pvull: 3736 2512 2509 1347 784
P662	CG2201	RE24176	pFLC-I	2003	FBgn0032955	ETNK1	ENSG00000139163	Pvull: 3736 2512 1347 1190 1066 784 206
P663	CG14806	RE28586	pFLC-I	755	FBgn0029594	APOPT1	ENSG00000256053	Pvull: 3736 2512 1347 1214 784
P664	spn-A	RE29170	pFLC-I	1291	FBgn0003479	RAD51	ENSG00000051180	Pvull: 3736 2512 1347 1045 784 573 132
P665	CG30269	RE31192	pFLC-I	589	FBgn0050269	CDIP1	ENSG00000089486	Pvull: 3736 2512 1347 799 784 249
P666	l(2)gl	RE31203	pFLC-I	4440	FBgn0002121	LLGL1	ENSG00000131899	Pvull: 3736 2512 1656 1606 1347 784 512 450 369 306
P667	Rcp	RE34232	pFLC-I	1153	FBgn0030801	CRCP	ENSG00000241258	Pvull: 3736 2512 1347 1076 784 536
P668	Hrb98DE	RE34829	pFLC-I	2343	FBgn0001215	HNRNPD	ENSG00000138668	Pvull: 3736 2512 1686 1347 844 784 272
P669	AGO2	RE36670	pFLC-I	4076	FBgn0087035	AGO3	ENSG00000126070	Pvull: 3736 2512 2364 1743 1347 784 392 18 18
P670	Atg4b	RE44406	pFLC-I	2652	FBgn0038325	ATG4C	ENSG00000125703	Pvull: 3736 3111 2512 1347 784
P671	Trp1	RE57702	pFLC-I	2103	FBgn0011584	SEC62	ENSG00000008952	Pvull: 3736 2562 2512 1347 784
P672	Lon	RE61687	pFLC-I	3322	FBgn0036892	LONP2	ENSG00000102910	Pvull: 3736 2512 2335 1347 942 784 504
P673	fax	RE69123	pFLC-I	2505	FBgn0014163	FAXC	ENSG00000146267	Pvull: 3736 2619 2512 1347 784 345
P674	spoon	RE73736	pFLC-I	4518	FBgn0263987	AKAP1	ENSG00000121057	Pvull: 3736 2512 2361 1632 1347 984 784
P675	CG7220	RH10776	pFLC-I	894	FBgn0033544	UBE2W	ENSG00000104343	Pvull: 3736 2512 1375 1347 783
P676	CG7461	RH10980	pFLC-I	2028	FBgn0034432	ACADSB	ENSG00000196177	Pvull: 3736 2512 2509 1347 783
P678	CG6770	RH17958	pFLC-I	788	FBgn0032400	NUPR1	ENSG00000176046	Pvull: 3736 2512 1347 783 727 542
P679	CG6330	RH29536	pFLC-I	2086	FBgn0039464	UPP1	ENSG00000183696	Pvull: 3736 2512 1347 1108 783 775 450 234
P680	CG4847	RH39096	pFLC-I	1512	FBgn0034229	CTSW	ENSG00000172543	Pvull: 3736 2512 1347 1321 783 672
P681	Trp2	RH52721	pFLC-I	2122	FBgn0032586	DNAJC24	ENSG00000170946	Pvull: 3736 2512 1584 1347 1019 783
P682	Ucrh	RH21839	pFLC-I	414	FBgn0260008	UQCRH	ENSG00000173660	Pvull: 3736 2512 1347 895 783
P683	hoip	RE51843	pFLC-I	574	FBgn0015393	SNU13	ENSG00000100138	Pvull: 3736 2512 1347 1033 784
P684	Wnt4	FI03360	pFLC-I	2950	FBgn0010453	WNT16	ENSG00000002745	Pvull: 3736 2512 1427 1347 908 784 577 497
P685	CG30349	FI03455	pFLC-I	2027	FBgn0050349	WDR43	ENSG00000163811	Pvull: 3736 2512 1347 943 784 781 468 294
P686	Nop56	FI04781	pFLC-I	1768	FBgn0038964	NOP56	ENSG00000101361	Pvull: 3736 2512 1347 784 735 645 601 246
P687	Indy	RH67364	pFLC-I	2577	FBgn0036816	SLC13A4	ENSG00000164707	Pvull: 3736 3058 2512 1347 783

P688	<i>HBS1</i>	FI04779	pFLC-I	2269	FBgn0042712	<i>GSPT1</i>	ENSG00000103342	Pvull: 3736 2512 1768 1347 960 784
P689	<i>Nrx-IV</i>	FI12817	pFLC-I	4950	FBgn0013997	<i>CNTNAP5</i>	ENSG00000155052	Pvull: 3736 3442 2512 1967 1347 784
P690	<i>Sulf1</i>	FI12873	pFLC-I	4846	FBgn0040271	<i>GNS</i>	ENSG00000135677	Pvull: 3736 2998 2512 1797 1347 784 300 210
P691	<i>Argl</i>	FI12865	pFLC-I	1596	FBgn0032076	<i>ASL</i>	ENSG00000126522	Pvull: 3736 2512 2055 1347 784
P692	<i>CG5493</i>	FI11950	pFLC-I	1187	FBgn0034364	<i>CDO1</i>	ENSG00000129596	Pvull: 3736 2512 1668 1347 783
P693	<i>CG32280</i>	RH23915	pFLC-I	1126	FBgn0052280	<i>CDIP1</i>	ENSG00000089486	Pvull: 3736 2512 1607 1347 783
P694	<i>Trx-2</i>	RE24425	pFLC-I	733	FBgn0040070	<i>DNAJC24</i>	ENSG00000170946	Pvull: 3736 2512 1347 865 784 327
P695	<i>Tsp5D</i>	FI12929	pFLC-I	1989	FBgn0029837	<i>TSPAN11</i>	ENSG00000110900	Pvull: 3736 2512 1347 1246 1179 783 45
P696	<i>CG14966</i>	RE68649	pFLC-I	588	FBgn0035415	<i>C15orf40</i>	ENSG00000169609	Pvull: 3736 2512 1347 784 677 370
P697	<i>Mob2</i>	RE65017	pFLC-I	1881	FBgn0259481	<i>MOB3B</i>	ENSG00000120162	Pvull: 3736 2512 1599 1347 784 741
P698	<i>AIMP2</i>	RE70278	pFLC-I	1126	FBgn0036515	<i>AIMP2</i>	ENSG00000106305	Pvull: 3736 2512 1347 784 616 537 411 21
P699	<i>zyd</i>	RE28359	pFLC-I	2184	FBgn0265767	<i>SLC24A2</i>	ENSG00000155886	Pvull: 3736 2512 1524 1347 784 577 542
P700	<i>CG9518</i>	FI02019	pFLC-I	3689	FBgn0030590	<i>CHDH</i>	ENSG0000016391	Pvull: 3736 2512 2366 1782 1347 784
P701	<i>Pk92B</i>	FI02066	pFLC-I	4611	FBgn0014006	<i>MAP3K6</i>	ENSG00000142733	Pvull: 3736 2772 2512 2298 1347 784
P702	<i>ca</i>	FI02178	pFLC-I	6405	FBgn0000247	<i>HERC2</i>	ENSG00000128731	Pvull: 3736 2512 1347 1228 1207 1117 972 808 783 602 590 362
P703	<i>Lig4</i>	FI02888	pFLC-I	3053	FBgn0030506	<i>LIG4</i>	ENSG00000174405	Pvull: 3736 2512 1347 1143 967 854 783 334 236
P704	<i>AhcyL1</i>	FI03221	pFLC-I	3033	FBgn0035371	<i>AHCYL2</i>	ENSG00000158467	Pvull: 3736 2512 1567 1347 1327 784 598
P705	<i>Gpat4</i>	RE02778	pFLC-I	1695	FBgn0034971	<i>GPAT4</i>	ENSG00000158669	Pvull: 3736 2512 1559 1347 784 595
P706	<i>beat-11b</i>	RE10028	pFLC-I	2402	FBgn0038494	<i>CADM2</i>	ENSG00000175161	Pvull: 3736 2512 1510 1347 1074 784 277
P707	<i>Drak</i>	RE12147	pFLC-I	4508	FBgn0052666	<i>STK17A</i>	ENSG00000164543	Pvull: 3736 2512 2310 1927 1347 784 730
P708	<i>CG8646</i>	RE14504	pFLC-I	1777	FBgn0033763	<i>ARSJ</i>	ENSG00000180801	Pvull: 3736 2512 1347 784 746 428 330 284 244 204
P709	<i>Ca-Ma2d</i>	RE14947	pFLC-I	4933	FBgn0261999	<i>CACNA2D2</i>	ENSG00000007402	Pvull: 5392 3736 2512 1347 784
P710	<i>CG11902</i>	RE15630	pFLC-I	4559	FBgn0028647	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2904 2512 2114 1347 784
P711	<i>Coq3</i>	RE17490	pFLC-I	984	FBgn0032922	<i>COQ3</i>	ENSG00000132423	Pvull: 3736 2512 1443 1347 784
P712	<i>Dyb</i>	RE72451	pFLC-I	2850	FBgn0033739	<i>DTNB</i>	ENSG00000138101	Pvull: 3736 2512 1347 1311 1113 784 707 178
P713	<i>MFS17</i>	RE23714	pFLC-I	1856	FBgn0058263	<i>SLC17A4</i>	ENSG00000146039	Pvull: 3736 2512 1659 1347 784 656
P714	<i>nAcRbeta-64B</i>	RE35042	pFLC-I	2454	FBgn0000038	<i>CHRNA4</i>	ENSG00000101204	Pvull: 3736 2512 2246 1347 784 667
P715	<i>CG13760</i>	RE44620	pFLC-I	1541	FBgn0040375	<i>GUCD1</i>	ENSG00000138867	Pvull: 3736 2512 1572 1347 784 260 168
P716	<i>bon</i>	RE48191	pFLC-I	4866	FBgn0023097	<i>TRIM24</i>	ENSG00000122779	Pvull: 3736 2512 1347 1284 939 909 803 784 470 375 258 145 142
P717	<i>babo</i>	RE55648	pFLC-I	4772	FBgn0011300	<i>BMPR1A</i>	ENSG00000107779	Pvull: 3736 2512 2287 1347 1234 994 784 314 250 143 9
P718	<i>CG10195</i>	RE56218	pFLC-I	1487	FBgn0032787	<i>NUDT19</i>	ENSG00000213965	Pvull: 3736 2512 1347 1214 784 539 193
P719	<i>CG14435</i>	RE59544	pFLC-I	3616	FBgn0029911	<i>ZNRF2</i>	ENSG00000180233	Pvull: 3736 2512 2089 1347 1000 986 784
P720	<i>CG34133</i>	RE64336	pFLC-I	4273	FBgn0083969	<i>WDR44</i>	ENSG00000131725	Pvull: 3736 2934 2512 1470 1347 784 328
P721	<i>fa2h</i>	RE68078	pFLC-I	1410	FBgn0050502	<i>FA2H</i>	ENSG00000103089	Pvull: 3736 2512 1347 991 878 784
P722	<i>Nup98-96</i>	RE74545	pFLC-I	4005	FBgn0039120	<i>NUP98</i>	ENSG00000110713	Pvull: 3736 2512 1347 1194 847 816 784 621 614 372
P723	<i>PsGEF</i>	RE74757	pFLC-I	2855	FBgn0264598	<i>RGS5</i>	ENSG00000143248	Pvull: 3736 3314 2512 1347 784
P724	<i>l(1)G0334</i>	RH59152	pFLC-I	2050	FBgn0028325	<i>PDHA1</i>	ENSG00000131828	Pvull: 3736 2531 2512 1347 783
P725	<i>five</i>	RE04270	pFLC-I	3025	FBgn0261722	<i>CACFD1</i>	ENSG00000160325	Pvull: 3736 2512 2449 1347 1035 784
P726	<i>tsu</i>	RE01574	pFLC-I	709	FBgn0033378	<i>RBM8A</i>	ENSG00000265241	Pvull: 3736 2512 1347 1168 784
P727	<i>CG42813</i>	RH24252	pFLC-I	983	FBgn0261995	<i>NUDT14</i>	ENSG00000183828	Pvull: 3736 2512 1347 783 628 312 303 221
P728	<i>CG7829</i>	RH62508	pFLC-I	1025	FBgn0039703	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 940 783 566
P729	<i>Adi1</i>	RH18256	pFLC-I	708	FBgn0052068	<i>ADI1</i>	ENSG00000182551	Pvull: 3736 2512 1347 783 641 548
P730	<i>Ccdc85</i>	RE60986	pFLC-I	3279	FBgn0031488	<i>CCDC85A</i>	ENSG00000055813	Pvull: 3736 2512 1546 1347 1049 784 555 505 83
P731	<i>Ndae1</i>	RE52535	pFLC-I	4064	FBgn0259111	<i>SLC4A4</i>	ENSG00000080493	Pvull: 3736 3382 2512 1347 1141 784
P732	<i>CG3262</i>	RE72832	pFLC-I	1010	FBgn0032986	<i>NUBPL</i>	ENSG00000151413	Pvull: 3736 2512 1347 784 744 725
P733	<i>mRpL21</i>	RH57745	pFLC-I	754	FBgn0036853	<i>CYP2A7</i>	ENSG00000198077	Pvull: 3736 2512 1347 1235 783
P734	<i>Qtzl</i>	RE75220	pFLC-I	934	FBgn0051864	<i>NFS1</i>	ENSG00000244005	Pvull: 3736 2512 1347 784 745 648
P735	<i>mRpL39</i>	RE54042	pFLC-I	1133	FBgn0036462	<i>MRPL39</i>	ENSG00000154719	Pvull: 3736 2512 1347 1012 784 580

P736	<i>CG17508</i>	RE41154	pFLC-I	1239	FBgn0039970	<i>FAM210B</i>	ENSG00000124098	Pvull: 3736 2512 1347 784 784 572 342
P737	<i>nos</i>	RE53469	pFLC-I	2342	FBgn0002962	<i>NANOS2</i>	ENSG00000188425	Pvull: 3736 2512 1516 1347 1075 784 210
P738	<i>Tequila</i>	RE18826	pFLC-I	2283	FBgn0023479	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1630 1347 1112 784
P739	<i>Nbr</i>	RE72821	pFLC-I	2330	FBgn0032924	<i>EXD3</i>	ENSG00000187609	Pvull: 3736 2512 1594 1347 784 690 505
P740	<i>CG10948</i>	RH52604	pFLC-I	2771	FBgn0036317	<i>ENOX2</i>	ENSG00000165675	Pvull: 3736 2512 2397 1347 783 525 330
P741	<i>mRpS24</i>	FI17103	pFLC-I	595	FBgn0039159	<i>MRPS24</i>	ENSG00000062582	Pvull: 3736 2512 1347 1054 784
P742	<i>FK506-bp2</i>	FI17116	pFLC-I	647	FBgn0013954	<i>FKBP6</i>	ENSG00000077800	Pvull: 3736 2512 1347 1106 784
P743	<i>CG3437</i>	FI17121	pFLC-I	1139	FBgn0035998	<i>MCM3AP</i>	ENSG00000160294	Pvull: 3736 2512 1598 1347 784
P744	<i>CG17691</i>	FI17126	pFLC-I	1238	FBgn0039993	<i>BCKDHB</i>	ENSG00000083123	Pvull: 3736 2512 1697 1347 784
P745	<i>Vti1b</i>	FI17308	pFLC-I	567	FBgn0264751	<i>VTI1B</i>	ENSG00000100568	Pvull: 3736 2512 1347 784 758 268
P746	<i>Gnprnat</i>	FI17343	pFLC-I	1357	FBgn0039690	<i>GNPNAT1</i>	ENSG00000100522	Pvull: 3736 2512 1347 1336 783 502
P747	<i>CG12895</i>	FI17302	pFLC-I	584	FBgn0033523	<i>SDHAF2</i>	ENSG00000167985	Pvull: 3736 2512 1347 1043 784
P748	<i>CG14780</i>	FI18108	pFLC-I	1097	FBgn0025383	<i>KLK9</i>	ENSG00000213022	verified by sequencing
P749	<i>CG42245</i>	RE60032	pFLC-I	5123	FBgn0250911	<i>KIAA1143</i>	ENSG00000163807	Pvull: 3736 2512 1829 1353 1347 811 784 568 544 234 186 57
P750	<i>CG8245</i>	FI18173	pFLC-I	1321	FBgn0033031	<i>TMEM53</i>	ENSG00000126106	Pvull: 3736 2512 1780 1347 784
P751	<i>Mccc2</i>	FI18111	pFLC-I	2152	FBgn0042083	<i>MCCC2</i>	ENSG00000131844	Pvull: 3736 2512 1415 1347 925 784 271
P752	<i>CG14100</i>	FI17114	pFLC-I	1400	FBgn0036889	<i>MRM3</i>	ENSG00000171861	Pvull: 3736 2512 1351 1347 784 508
P753	<i>SppL</i>	FI17310	pFLC-I	2178	FBgn0039381	<i>SPPL3</i>	ENSG00000157837	Pvull: 3736 2512 1856 1347 784 314 252 215
P754	<i>CG5550</i>	FI17311	pFLC-I	940	FBgn0034160	<i>ANGPTL2</i>	ENSG00000136859	Pvull: 3736 2512 1347 784 732 667
P755	<i>Nep3</i>	FI17316	pFLC-I	3513	FBgn0031081	<i>MMEL1</i>	ENSG00000142606	Pvull: 3736 2589 2512 1374 1347 784 9
P756	<i>pdm2</i>	FI17318	pFLC-I	2184	FBgn0004394	<i>POU3F2</i>	ENSG00000184486	Pvull: 3736 2512 1645 1347 998 784
P757	<i>CG6753</i>	FI17381	pFLC-I	1877	FBgn0038070	<i>LIPA</i>	ENSG00000107798	Pvull: 3736 2512 1347 1098 803 783 457
P758	<i>Sep4</i>	FI17309	pFLC-I	2442	FBgn0259923	<i>SEPT10</i>	ENSG00000186522	Pvull: 3736 2512 1347 1140 865 784 610 286
P759	<i>CG5188</i>	FI18607	pFLC-I	1062	FBgn0032247	<i>METAP1</i>	ENSG00000164024	Pvull: 3736 2512 1521 1347 784
P760	<i>exo84</i>	FI18238	pFLC-I	2235	FBgn0266668	<i>EXOC8</i>	ENSG00000116903	Pvull: 3736 2694 2512 1347 784
P761	<i>eco</i>	FI18257	pFLC-I	3504	FBgn0035766	<i>ESCO1</i>	ENSG00000141446	Pvull: 3736 2512 2266 1347 784 725 590 382
P763	<i>jar</i>	FI18104	pFLC-I	4571	FBgn0011225	<i>MYO6</i>	ENSG00000196586	Pvull: 3736 2570 2512 1347 989 911 784 310 250
P764	<i>KCNQ</i>	FI18106	pFLC-I	2719	FBgn0033494	<i>KCNQ1</i>	ENSG00000053918	Pvull: 3736 2512 2028 1347 1150 784
P765	<i>Esyt2</i>	FI18109	pFLC-I	2908	FBgn0266758	<i>ESYT2</i>	ENSG00000117868	Pvull: 3736 3367 2512 1347 784
P766	<i>Snx1</i>	FI18122	pFLC-I	2040	FBgn0031534	<i>SNX1</i>	ENSG00000028528	Pvull: 3736 2512 2499 1347 784
P767	<i>mip120</i>	FI18123	pFLC-I	3478	FBgn0033846	<i>TESMIN</i>	ENSG00000132749	Pvull: 3736 2512 1688 1347 1181 1068 784
P768	<i>sigmar</i>	FI18148	pFLC-I	1935	FBgn0034894	<i>TNFAIP8L3</i>	ENSG00000183578	Pvull: 3736 2512 1572 1347 822 784
P769	<i>Mbs</i>	FI18194	pFLC-I	5110	FBgn0005536	<i>PPP1R12C</i>	ENSG00000125503	Pvull: 3736 2512 1567 1397 1382 1347 784 713 303 138 69
P770	<i>Ythdf</i>	FI18276	pFLC-I	2826	FBgn0039261	<i>YTHDF2</i>	ENSG00000198492	Pvull: 3736 3285 2512 1347 784
P771	<i>xmas-2</i>	FI18133	pFLC-I	5082	FBgn0028974	<i>MCM3AP</i>	ENSG00000160294	Pvull: 3736 2512 1947 1464 1347 1143 784 450 444 93
P772	<i>Tes</i>	FI18181	pFLC-I	3114	FBgn0034223	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2757 2512 1347 784 624 192
P773	<i>l(3)76BDM</i>	FI18195	pFLC-I	4106	FBgn0260655	<i>TRAPPC8</i>	ENSG00000153339	Pvull: 3736 2512 2411 1347 1185 784 769 200
P774	<i>CG14043</i>	FI18232	pFLC-I	1998	FBgn0031659	<i>KIF1BP</i>	ENSG00000198954	Pvull: 3736 2512 1467 1347 784 446 424 63 57
P775	<i>exo70</i>	FI18254	pFLC-I	2230	FBgn0266667	<i>EXOC7</i>	ENSG00000182473	Pvull: 3736 2512 1786 1347 903 784
P776	<i>l(1)G0045</i>	FI18256	pFLC-I	2808	FBgn0026702	<i>POP1</i>	ENSG00000104356	Pvull: 3736 2512 1347 1119 784 701 483 370 357 237
P777	<i>CG3868</i>	FI18614	pFLC-I	1189	FBgn0036422	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2512 1347 1175 784 473
P778	<i>CG12877</i>	FI18136	pFLC-I	3289	FBgn0039544	<i>REXO1</i>	ENSG00000079313	Pvull: 3736 2512 1347 1316 1296 812 784 241 83
P779	<i>sgg</i>	FI18761	pFLC-I	4808	FBgn0003371	<i>GSK3A</i>	ENSG00000105723	Pvull: 3736 2512 1918 1365 1347 1116 784 679 189
P780	<i>mesh</i>	FI18817	pFLC-I	4751	FBgn0051004	<i>SUSD2</i>	ENSG00000099994	Pvull: 3736 2512 2001 1347 1245 907 859 784 174 24
P781	<i>Unr</i>	FI18812	pFLC-I	4884	FBgn0263352	<i>CSDE1</i>	ENSG00000009307	verified by sequencing
P782	<i>Kat60</i>	FI18748	pFLC-I	2615	FBgn0040208	<i>SPAST</i>	ENSG00000021574	Pvull: 3736 2550 2512 1347 784 524
P783	<i>Syt12</i>	FI18604	pFLC-I	4836	FBgn0261085	<i>SYT12</i>	ENSG00000173227	Pvull: 3736 2530 2512 2000 1347 784 697 68
P784	<i>CG1513</i>	FI18617	pFLC-I	3806	FBgn0033463	<i>OSBPL9</i>	ENSG00000117859	Pvull: 3736 3314 2512 1347 951 784

P785	<i>Pura</i>	FI18828	pFLC-I	3268	FBgn0035802	<i>PLEKHG4B</i>	ENSG00000153404	Pvull: 3736 2520 2512 1347 783 426 424 379
P786	<i>ZnT49B</i>	FI18626	pFLC-I	2546	FBgn0033762	<i>SLC30A9</i>	ENSG00000014824	Pvull: 3736 3005 2512 1347 784
P787	<i>Syt4</i>	FI18813	pFLC-I	3121	FBgn0028400	<i>SYT4</i>	ENSG00000132872	Pvull: 3736 2512 2180 1347 1081 784 319
P788	<i>CG15117</i>	FI18642	pFLC-I	2352	FBgn0034417	<i>GUSB</i>	ENSG00000169919	Pvull: 3736 2512 1544 1347 1267 784
P789	<i>amd</i>	FI18657	pFLC-I	1802	FBgn0000075	<i>DDC</i>	ENSG00000132437	Pvull: 3736 2512 1347 1342 784 652 267
P790	<i>CG11779</i>	FI18634	pFLC-I	2464	FBgn0038683	<i>TIMM44</i>	ENSG00000104980	Pvull: 3736 2512 1713 1347 784 619 591
P791	<i>sr</i>	FI18283	pFLC-I	3985	FBgn0003499	<i>SP3</i>	ENSG00000172845	Pvull: 3736 2512 2197 1347 1032 784 593 262 230 130
P792	<i>CG12096</i>	FI18823	pFLC-I	1786	FBgn0030457	<i>PSMD5</i>	ENSG00000095261	Pvull: 3736 2512 1775 1347 784 443 27
P793	<i>Asator</i>	FI18640	pFLC-I	4087	FBgn0039908	<i>TTBK1</i>	ENSG00000146216	Pvull: 4546 3736 2512 1347 784
P794	<i>Hmu</i>	FI18644	pFLC-I	2388	FBgn0015737	<i>APMAP</i>	ENSG00000101474	verified by sequencing
P795	<i>Aats-gly</i>	FI18749	pFLC-I	2523	FBgn0027088	<i>GARS</i>	ENSG00000106105	Pvull: 3736 2512 1511 1347 1022 784 449
P796	<i>EloA</i>	FI18652	pFLC-I	2850	FBgn0039066	<i>ELOA3B</i>	ENSG00000278674	Pvull: 3736 2512 1949 1360 1347 784
P797	<i>otu</i>	FI18803	pFLC-I	3079	FBgn0003023	<i>OTUD4</i>	ENSG00000164164	Supplemental Table S1.
P798	<i>UGP</i>	FI18837	pFLC-I	2353	FBgn0035978	<i>UGP2</i>	ENSG00000169764	Pvull: 3736 2512 1486 1347 783 370 341 327 310
P799	<i>slp2</i>	FI19501	pFLC-I	2360	FBgn0004567	<i>FOXG1</i>	ENSG00000176165	Pvull: 3736 2512 1684 1347 1135 784
P800	<i>trio</i>	FI18839	pFLC-I	2187	FBgn0024277	<i>KALRN</i>	ENSG00000160145	Pvull: 3736 2668 2512 1347 783
P801	<i>CIC-c</i>	FI18633	pFLC-I	3734	FBgn0036566	<i>CLCN5</i>	ENSG00000171365	Pvull: 3736 2535 2512 1658 1347 784
P802	<i>crq</i>	FI18608	pFLC-I	2331	FBgn0015924	<i>SCARB2</i>	ENSG00000138760	Pvull: 3736 2790 2512 1347 784
P803	<i>Spat</i>	FI18838	pFLC-I	1426	FBgn0014031	<i>AGXT</i>	ENSG00000172482	Pvull: 3736 2512 1907 1347 783
P804	<i>firl</i>	FI18124	pFLC-I	2543	FBgn0032405	<i>HSD17B11</i>	ENSG00000198189	Pvull: 3736 2512 1999 1347 1003 784
P805	<i>yemalpha</i>	FI18125	pFLC-I	3658	FBgn0005596	<i>UBN2</i>	ENSG00000157741	verified by sequencing
P806	<i>CG13366</i>	FI18193	pFLC-I	4586	FBgn0025633	<i>SPECC1</i>	ENSG00000128487	Pvull: 3736 2512 1433 1347 1162 936 915 784 599
P807	<i>CG6972</i>	FI18835	pFLC-I	1320	FBgn0039008	<i>DESI1</i>	ENSG00000100418	Pvull: 3736 2512 1347 1092 783 709
P808	<i>dnc</i>	FI18171	pFLC-I	4070	FBgn0000479	<i>PDE4B</i>	ENSG00000184588	Pvull: 3736 2512 2009 1347 784 623 619 564 373 341
P809	<i>CG1814</i>	FI20020	pFLC-I	1828	FBgn0033426	<i>NT5DC2</i>	ENSG00000168268	Pvull: 3736 2512 1347 835 783 704 399 278 93
P810	<i>Frq2</i>	FI18190	pFLC-I	2408	FBgn0083228	<i>HPCAL1</i>	ENSG00000115756	Pvull: 3736 2867 2512 1347 784
P811	<i>spo</i>	FI18637	pFLC-I	2505	FBgn0003486	<i>CYP2C9</i>	ENSG00000138109	Pvull: 3736 2512 1979 1347 985 784
P812	<i>CG18004</i>	FI20187	pFLC-I	1186	FBgn0033566	<i>INO80E</i>	ENSG00000169592	Pvull: 3736 2512 1347 961 784 433 251
P813	<i>Mthfs</i>	FI20201	pFLC-I	926	FBgn0085453	<i>MTHFS</i>	ENSG00000136371	Pvull: 3736 2512 1347 1049 784 211 125
P814	<i>RFeSP</i>	FI20123	pFLC-I	931	FBgn0021906	<i>UQCRFS1</i>	ENSG00000169021	Pvull: 3736 2512 1412 1347 783
P815	<i>CG8009</i>	FI20121	pFLC-I	859	FBgn0036090	<i>CNEP1R1</i>	ENSG00000205423	Pvull: 3736 2512 1347 1318 784
P816	<i>esg</i>	FI20009	pFLC-I	2286	FBgn0001981	<i>SNAI1</i>	ENSG00000124216	Pvull: 3736 2512 1347 1301 784 735 433 276
P817	<i>SP1029</i>	FI20034	pFLC-I	3036	FBgn0263236	<i>ENPEP</i>	ENSG00000138792	Pvull: 3736 2512 2171 1347 1346 783
P818	<i>msi</i>	FI20028	pFLC-I	2822	FBgn0011666	<i>HNRNPD</i>	ENSG00000138668	Pvull: 3736 2512 1390 1351 1347 783 541 21
P819	<i>sens-2</i>	FI20031	pFLC-I	3375	FBgn0051632	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 1997 1347 1099 783 415 345
P820	<i>CdsA</i>	FI18858	pFLC-I	2254	FBgn0010350	<i>CDS2</i>	ENSG00000101290	Pvull: 3736 2735 2512 1347 783
P821	<i>CG5589</i>	FI20004	pFLC-I	2123	FBgn0036754	<i>DDX52</i>	ENSG00000278053	Pvull: 3736 2512 1374 1347 1208 784
P822	<i>Hdc</i>	FI18853	pFLC-I	3267	FBgn0005619	<i>DDC</i>	ENSG00000132437	Pvull: 3736 2512 1347 1176 1169 1045 783 358
P823	<i>Ctr1A</i>	FI18945	pFLC-I	2117	FBgn0062413	<i>SLC31A2</i>	ENSG00000136867	Pvull: 3736 2512 1347 1286 911 783 401
P824	<i>Smc5</i>	FI18910	pFLC-I	3282	FBgn0052438	<i>SMC5</i>	ENSG00000198887	Pvull: 3736 2512 1670 1407 1347 784 664
P825	<i>Fak</i>	FI18818	pFLC-I	4716	FBgn0020440	<i>PTK2B</i>	ENSG00000120899	Pvull: 3736 3490 2512 1685 1347 784
P826	<i>unc79</i>	FI18806	pFLC-I	3733	FBgn0038693	<i>UNC79</i>	ENSG00000133958	Pvull: 3736 2539 2512 1653 1347 784
P827	<i>mtgo</i>	FI20237	pFLC-I	6378	FBgn0259735	<i>FNDC3B</i>	ENSG00000075420	Pvull: 3736 2512 1734 1347 1272 1249 1016 784 487 339 291 232 150
P828	<i>CG7627</i>	FI20146	pFLC-I	4519	FBgn0032026	<i>ABCC1</i>	ENSG00000103222	Pvull: 3736 2613 2512 1439 1347 784 770 156
P829	<i>orb</i>	FI20148	pFLC-I	4872	FBgn0004882	<i>CPEB1</i>	ENSG00000214575	Pvull: 3736 2795 2512 1641 1347 784 681 193 21
P830	<i>CenG1A</i>	FI20140	pFLC-I	4455	FBgn0028509	<i>AGAP14P</i>	ENSG00000279058	Pvull: 3736 2512 1651 1469 1347 929 784 747 118
P831	<i>cv-2</i>	FI20152	pFLC-I	4344	FBgn0000395	<i>BMPEP</i>	ENSG00000164619	Pvull: 3736 2512 2281 1369 1347 784 748 195 87 72 39 12
P832	<i>CG15822</i>	FI20188	pFLC-I	4114	FBgn0035308	<i>SESTD1</i>	ENSG00000187231	Pvull: 3736 2512 2361 1383 1347 784 598 204 27

P833	<i>CG5789</i>	FI20190	pFLC-I	5196	FBgn0039207	<i>ABCC1</i>	ENSG00000103222	Pvull: 3736 2512 2105 1347 1095 784 773 703 460 304 201 14
P834	<i>E23</i>	FI20292	pFLC-I	4533	FBgn0020445	<i>ABCG5</i>	ENSG00000138075	Pvull: 3736 2512 1352 1347 1110 809 784 726 552 399 44
P835	<i>Myo28B1</i>	FI20293	pFLC-I	3927	FBgn0040299	<i>MYO1E</i>	ENSG00000157483	Pvull: 3736 2512 2057 1499 1347 784 521 309
P836	<i>CG9253</i>	FI20110	pFLC-I	1681	FBgn0032919	<i>DDX47</i>	ENSG00000213782	Pvull: 3736 2512 1347 1081 1059 784
P837	<i>Su(var)3-9</i>	FI20106	pFLC-I	2395	FBgn0263755	<i>SUV39H2</i>	ENSG00000152455	Pvull: 3736 2512 1347 1137 991 784 726
P838	<i>Prosalpha6</i>	FI20108	pFLC-I	1041	FBgn0250843	<i>PSMA1</i>	ENSG00000129084	Pvull: 3736 2512 1500 1347 784
P839	<i>CG33523</i>	FI20113	pFLC-I	2397	FBgn0053523	<i>MOSPD2</i>	ENSG00000130150	Pvull: 3736 2512 1942 1347 878 784 25 11
P840	<i>elF4AIII</i>	FI20117	pFLC-I	1491	FBgn0037573	<i>EIF4A2</i>	ENSG00000156976	Pvull: 3736 2512 1950 1347 784
P841	<i>CG30427</i>	FI20130	pFLC-I	1823	FBgn0043792	<i>FAR1</i>	ENSG00000197601	Pvull: 3736 2512 1347 1269 783 764 271
P842	<i>CG10338</i>	FI20169	pFLC-I	2366	FBgn0032700	<i>C16orf58</i>	ENSG00000140688	Pvull: 3736 2630 2512 1347 784 195
P843	<i>FucTA</i>	FI20174	pFLC-I	3150	FBgn0036485	<i>FUT3</i>	ENSG00000171124	Pvull: 3736 3143 2512 1347 784 466
P844	<i>gas</i>	FI20215	pFLC-I	1964	FBgn0034736	<i>CES2</i>	ENSG00000172831	Pvull: 3736 2512 1347 1128 784 535 416 344
P845	<i>CG31321</i>	FI20128	pFLC-I	2207	FBgn0051321	<i>SLC46A2</i>	ENSG00000119457	Pvull: 3736 2512 1516 1347 1172 783
P846	<i>CG8243</i>	FI20236	pFLC-I	2422	FBgn0033349	<i>ARFGAP3</i>	ENSG00000242247	Pvull: 3736 2512 1347 1222 784 698 610 351
P847	<i>Wnt2</i>	FI20276	pFLC-I	2252	FBgn0004360	<i>WNT16</i>	ENSG00000002745	Pvull: 3736 2512 1542 1347 1169 784
P848	<i>GckIII</i>	FI20177	pFLC-I	2506	FBgn0266465	<i>TAOK2</i>	ENSG00000149930	verified by sequencing
P849	<i>Ubpy</i>	FI20021	pFLC-I	3219	FBgn0038862	<i>USP8</i>	ENSG00000138592	Pvull: 3736 2576 2512 1347 848 783 276
P850	<i>mRpL48</i>	RE01048	pFLC-I	804	FBgn0031357	<i>MRPL48</i>	ENSG00000175581	Pvull: 3736 2512 1347 784 671 220 204 168
P851	<i>CHIP</i>	RE01069	pFLC-I	1287	FBgn0027052	<i>STUB1</i>	ENSG00000103266	Pvull: 3736 2512 1347 1003 784 743
P852	<i>ppa</i>	RE01138	pFLC-I	3464	FBgn0020257	<i>FBXL14</i>	ENSG00000171823	Pvull: 3736 2512 2283 1347 784 713 589 162 130 46
P853	<i>RpL15</i>	RE01373	pFLC-I	724	FBgn0028697	<i>RPL15</i>	ENSG00000174748	Pvull: 3736 2512 1347 784 731 452
P854	<i>Tdrd3</i>	RE01471	pFLC-I	2657	FBgn0036450	<i>TDRD3</i>	ENSG00000083544	Pvull: 3736 2512 1466 1347 979 784 671
P855	<i>mRpS11</i>	RE01527	pFLC-I	745	FBgn0038474	<i>MRPS11</i>	ENSG00000181991	Pvull: 3736 2512 1347 1204 784
P856	<i>CG13126</i>	RE01590	pFLC-I	1610	FBgn0032168	<i>METTL17</i>	ENSG00000165792	Pvull: 3736 2512 1746 1347 784 323
P857	<i>CG12171</i>	RE01652	pFLC-I	1034	FBgn0037354	<i>CBR4</i>	ENSG00000145439	Pvull: 3736 2512 1347 877 784 410 206
P858	<i>Hs3st-B</i>	RE01736	pFLC-I	2021	FBgn0031005	<i>HS3ST3B1</i>	ENSG00000125430	Pvull: 3736 2512 1347 1104 784 605 387 270 114
P859	<i>MFS3</i>	RE01809	pFLC-I	2043	FBgn0031307	<i>SLC17A4</i>	ENSG00000146039	Pvull: 3736 2512 2502 1347 784
P860	<i>Jon25Bi</i>	RE01906	pFLC-I	880	FBgn0020906	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 963 784 376
P861	<i>dnd</i>	RE02160	pFLC-I	848	FBgn0038916	<i>ARL3</i>	ENSG00000138175	Pvull: 3736 2512 1347 805 784 502
P862	<i>Glycogenin</i>	RE02181	pFLC-I	2390	FBgn0265191	<i>GYG2</i>	ENSG00000056998	Pvull: 3736 2512 1764 1347 784 452 355 278
P863	<i>CG10175</i>	RE02195	pFLC-I	2888	FBgn0039084	<i>CES2</i>	ENSG00000172831	Pvull: 3736 2512 1753 1347 969 784 625
P864	<i>CG3703</i>	RE02292	pFLC-I	2512	FBgn0040348	<i>RUNDC1</i>	ENSG00000198863	Pvull: 3736 2512 1347 1266 784 575 473 300 176 174 7
P865	<i>CG17134</i>	RE02351	pFLC-I	1276	FBgn0032304	<i>REN</i>	ENSG00000143839	Pvull: 3736 2512 1347 1102 784 633
P866	<i>CG9717</i>	RE02508	pFLC-I	2691	FBgn0039789	<i>SLC26A11</i>	ENSG00000181045	Pvull: 3736 2512 1459 1347 1126 784 565
P867	<i>Spn42De</i>	RE02548	pFLC-I	1314	FBgn0033115	<i>SERPINA7</i>	ENSG00000123561	Pvull: 3736 2512 1347 784 687 634 452
P868	<i>Ugt49B1</i>	RE02574	pFLC-I	1766	FBgn0027073	<i>UGT1A9</i>	ENSG00000241119	Pvull: 3736 2512 2225 1347 784
P869	<i>Aats-arg</i>	RE02962	pFLC-I	2141	FBgn0027093	<i>RARS2</i>	ENSG00000146282	Pvull: 3736 2600 2512 1347 784
P870	<i>fng</i>	RE03010	pFLC-I	1980	FBgn0011591	<i>LFNG</i>	ENSG00000106003	Pvull: 3736 2512 1854 1347 784 585
P871	<i>phm</i>	RE03155	pFLC-I	2009	FBgn0004959	<i>CYP2C9</i>	ENSG00000138109	Pvull: 3736 2512 1454 1347 1014 784
P872	<i>CG30195</i>	RE03238	pFLC-I	587	FBgn0050195	<i>CDIP1</i>	ENSG00000089486	Pvull: 3736 2512 1347 784 569 477
P873	<i>nes</i>	RE03440	pFLC-I	1680	FBgn0026630	<i>MBOAT1</i>	ENSG00000172197	Pvull: 3736 2512 2139 1347 784
P874	<i>CG14270</i>	RE03721	pFLC-I	786	FBgn0029665	<i>TIMM29</i>	ENSG00000142444	Pvull: 3736 2512 1347 1245 784
P875	<i>hd</i>	RE04029	pFLC-I	1940	FBgn0086695	<i>DONSON</i>	ENSG00000159147	Pvull: 3736 2512 1347 1315 784 533 311 240
P876	<i>CG4789</i>	RE04047	pFLC-I	934	FBgn0030792	<i>RABL3</i>	ENSG00000144840	Pvull: 3736 2512 1393 1347 784
P877	<i>CG15739</i>	RE04130	pFLC-I	1428	FBgn0030347	<i>PGP</i>	ENSG00000184207	Pvull: 3736 2512 1887 1347 784
P878	<i>CHORD</i>	RE04143	pFLC-I	1253	FBgn0029503	<i>CHORDC1</i>	ENSG00000110172	Pvull: 3736 2512 1712 1347 784
P879	<i>in</i>	RE04259	pFLC-I	3076	FBgn0001259	<i>INTU</i>	ENSG00000164066	Pvull: 3736 2512 1914 1621 1347 784
P880	<i>CG9018</i>	RE04530	pFLC-I	1303	FBgn0035318	<i>RPRD1B</i>	ENSG00000101413	Pvull: 3736 2512 1762 1347 784

P881	CG31265	RE04676	pFLC-I	919	FBgn0051265	KLK9	ENSG00000213022	Pvull: 3736 2512 1378 1347 784
P882	CG1941	RE04845	pFLC-I	1277	FBgn0033214	DGAT2L6	ENSG00000184210	Pvull: 3736 2512 1347 1142 784 594
P883	Cnot4	RE04975	pFLC-I	3635	FBgn0051716	CNOT4	ENSG00000080802	Pvull: 3736 2512 1598 1365 1347 784 727 404
P884	RpL7A	RE05022	pFLC-I	1077	FBgn0014026	RPL7A	ENSG00000148303	Pvull: 3736 2512 1347 1111 784 425
P885	CG13743	RE05533	pFLC-I	3538	FBgn0033368	SLC38A11	ENSG00000169507	Pvull: 3736 2512 2161 1836 1347 784
P886	wibg	RE05806	pFLC-I	997	FBgn0034918	PYM1	ENSG00000170473	Pvull: 3736 2512 1347 789 784 667
P887	Cad96Ca	RE05926	pFLC-I	2952	FBgn0022800	FGFR2	ENSG00000066468	Pvull: 3736 2512 1924 1347 962 784 525
P888	CG30394	RE05944	pFLC-I	2969	FBgn0050394	SLC38A10	ENSG00000157637	Pvull: 3736 2512 1782 1347 1101 784 545
P889	pgant8	RE06471	pFLC-I	2212	FBgn0036529	GALNT3	ENSG00000115339	Pvull: 3736 2512 1918 1347 784 525 127 101
P890	CG31810	RE06583	pFLC-I	1158	FBgn0051810	HSDL1	ENSG00000103160	Pvull: 3736 2512 1617 1347 784
P891	CG12091	RE06653	pFLC-I	1835	FBgn0035228	PPTC7	ENSG00000196850	Pvull: 3736 2512 1822 1347 784 472
P892	Ptp69D	RE06719	pFLC-I	5177	FBgn0014007	PTPRA	ENSG00000132670	Pvull: 3736 3734 2512 1902 1347 784
P893	Mlc1	RE07220	pFLC-I	851	FBgn0002772	MYL4	ENSG00000198336	Pvull: 3736 2512 1347 1310 784
P894	Rpn11	RE07468	pFLC-I	1249	FBgn0028694	PSMD14	ENSG00000115233	Supplemental Table S1.
P895	Elf	RE07731	pFLC-I	3032	FBgn0020443	GSPT1	ENSG00000103342	Pvull: 3736 2742 2512 1347 784 556 193
P896	alpha-Est4	RE07760	pFLC-I	1740	FBgn0015572	CES2	ENSG00000172831	Pvull: 3736 2512 2199 1347 784
P897	Ugt58Fa	RE07815	pFLC-I	1757	FBgn0040091	UGT1A9	ENSG00000241119	Pvull: 3736 2512 1347 1002 784 528 467 219
P898	CG32147	RE07960	pFLC-I	893	FBgn0047178	PGPEP1L	ENSG00000183571	Pvull: 3736 2512 1347 1074 784 278
P900	CG11617	RE08174	pFLC-I	1278	FBgn0031232	TGIF2LX	ENSG00000153779	Pvull: 3736 2512 1737 1347 784
P901	svp	RE08410	pFLC-I	3918	FBgn0003651	RXR8	ENSG00000204231	Pvull: 3736 2512 1935 1347 1046 961 784 249 164 22
P902	RpL6	RE08669	pFLC-I	1024	FBgn0039857	RPL6	ENSG00000089009	Pvull: 3736 2512 1483 1347 784
P903	Slh	RE08679	pFLC-I	2207	FBgn0264978	SCFD1	ENSG00000092108	Pvull: 3736 2512 2410 1347 784 256
P904	Mkp3	RE08706	pFLC-I	2069	FBgn0036844	DUSP14	ENSG00000276023	Pvull: 3736 2512 1347 1303 784 514 352 303 56
P905	CG16749	RE08710	pFLC-I	900	FBgn0037678	KLK9	ENSG00000213022	Pvull: 3736 2512 1359 1347 784
P906	CG31259	RE08932	pFLC-I	1933	FBgn0051259	TMEM135	ENSG00000166575	Pvull: 3736 2512 2000 1347 784 364 28
P907	mRpL46	RE09091	pFLC-I	923	FBgn0035272	MRPL46	ENSG00000259494	Pvull: 3736 2512 1382 1347 784
P908	dysb	RE09163	pFLC-I	1405	FBgn0036819	DBNDD1	ENSG00000003249	Pvull: 3736 2512 1347 817 784 506 351 190
P909	CG5110	RE09173	pFLC-I	550	FBgn0032642	LAMTOR3	ENSG00000109270	Pvull: 3736 2512 1347 1009 784
P910	Eaf6	RE09212	pFLC-I	821	FBgn0035624	MEAF6	ENSG00000163875	Pvull: 3736 2512 1347 1280 784
P911	mRpL45	RE09223	pFLC-I	1281	FBgn0263863	MRPL45	ENSG00000278845	Pvull: 3736 2512 1740 1347 784
P912	Hnf4	RE09535	pFLC-I	3333	FBgn0004914	HNF4G	ENSG00000164749	Pvull: 3736 2512 2071 1347 1294 784 373 54
P913	CG12268	RE09630	pFLC-I	1786	FBgn0039131	FAR1	ENSG00000197601	Pvull: 3736 2512 1347 822 784 660 475 288
P914	Hcs	RE09732	pFLC-I	3987	FBgn0037332	HLCS	ENSG00000159267	verified by sequencing
P915	CG3408	RE10106	pFLC-I	1901	FBgn0036008	LRRC59	ENSG00000108829	Pvull: 3736 2512 1479 1347 784 571 241 69
P916	CG9391	RE10407	pFLC-I	1097	FBgn0037063	IMPA2	ENSG00000141401	Pvull: 3736 2512 1347 1126 784 430
P917	SerT	RE10485	pFLC-I	3195	FBgn0010414	SLC6A1	ENSG00000157103	Pvull: 3736 2512 1870 1347 784 676 486 354 268
P918	RpL40	RE10554	pFLC-I	602	FBgn0003941	RPS27A	ENSG00000143947	Pvull: 3736 2512 1347 784 667 394
P919	or	RE10615	pFLC-I	831	FBgn0003008	AP2S1	ENSG00000042753	Pvull: 3736 2512 1347 784 715 367 208
P920	trv	RE10833	pFLC-I	2508	FBgn0085391	TIA1	ENSG00000116001	Pvull: 3736 2512 1990 1347 784 734 243
P921	NetA	RE11206	pFLC-I	3267	FBgn0015773	NTN3	ENSG00000162068	Pvull: 3736 2512 1347 1269 849 784 698 549 361
P922	I(3)73Ah	RE11339	pFLC-I	1334	FBgn0002283	PCGF1	ENSG00000115289	Pvull: 3736 2512 1793 1347 784
P923	GILT3	RE11385	pFLC-I	787	FBgn0039098	IFI30	ENSG00000216490	Pvull: 3736 2512 1347 1246 784
P924	Ctr1B	RE11491	pFLC-I	963	FBgn0062412	SLC31A2	ENSG00000136867	Pvull: 3736 2512 1347 886 784 536
P925	CG1738	RE11532	pFLC-I	807	FBgn0030291	C1orf131	ENSG00000143633	Pvull: 3736 2512 1347 784 676 590
P926	Cndp2	RE11562	pFLC-I	1703	FBgn0259979	CNDP1	ENSG00000150656	Pvull: 3736 2512 1347 929 784 704 270 259
P927	CG2126	RE11615	pFLC-I	1288	FBgn0039876	JKAMP	ENSG00000050130	Pvull: 3736 2512 1347 1249 784 311 178 9
P928	CG15643	RE11751	pFLC-I	1661	FBgn0030654	C12orf49	ENSG00000111412	Pvull: 3736 2512 1347 973 784 705 300 142
P929	IntS12	RE11768	pFLC-I	1182	FBgn0039459	INTS12	ENSG00000138785	Pvull: 3736 2512 1353 1347 784 196 92

P930	<i>blp</i>	RE11908	pFLC-I	965	FBgn0038387	<i>PAM16</i>	ENSG00000217930	Pvull: 3736 2512 1424 1347 784
P931	<i>Lip4</i>	RE12242	pFLC-I	1595	FBgn0032264	<i>LIPA</i>	ENSG00000107798	Pvull: 3736 2512 1347 1208 846 784
P932	<i>CG11737</i>	RE12402	pFLC-I	2153	FBgn0037592	<i>TMEM135</i>	ENSG00000166575	Pvull: 3736 2512 2172 1347 784 440
P933	<i>CG1492</i>	RE13973	pFLC-I	2299	FBgn0030361	<i>GGTLC1</i>	ENSG00000149435	Pvull: 3736 2512 1976 1347 784 566 216
P934	<i>Taz</i>	RE14108	pFLC-I	1714	FBgn0026619	<i>TAZ</i>	ENSG00000102125	Pvull: 3736 2512 1347 1122 823 784 228
P935	<i>CG6225</i>	RE14195	pFLC-I	2742	FBgn0038072	<i>XPNPEP1</i>	ENSG00000108039	Pvull: 3736 3201 2512 1347 784
P936	<i>sec63</i>	RE14391	pFLC-I	2957	FBgn0035771	<i>SEC63</i>	ENSG00000025796	Pvull: 3736 2512 1347 963 864 861 784 413 189 126
P937	<i>CG3224</i>	RE14402	pFLC-I	853	FBgn0029885	<i>ZNF593</i>	ENSG00000142684	Pvull: 3736 2512 1347 1312 784
P938	<i>beat-IIIc</i>	RE14414	pFLC-I	1727	FBgn0032629	<i>CADM2</i>	ENSG00000175161	Pvull: 3736 2512 1347 1294 784 449 443
P939	<i>loqs</i>	RE14437	pFLC-I	2034	FBgn0032515	<i>TARBP2</i>	ENSG00000139546	Pvull: 3736 2512 1347 801 784 706 602 360 18 6
P940	<i>Act87E</i>	RE14441	pFLC-I	1582	FBgn0000046	<i>ACTC1</i>	ENSG00000159251	Pvull: 3736 2512 2041 1347 784
P941	<i>mssl-3</i>	RE14560	pFLC-I	2010	FBgn0002775	<i>MSL3</i>	ENSG00000005302	Pvull: 3736 2512 2469 1347 784
P942	<i>Gip</i>	RE14575	pFLC-I	989	FBgn0011770	<i>HYI</i>	ENSG00000178922	Pvull: 3736 2512 1347 963 784 485
P943	<i>RpS25</i>	RE14595	pFLC-I	553	FBgn0086472	<i>RPS25</i>	ENSG00000118181	Pvull: 3736 2512 1347 1012 784
P944	<i>Acph-1</i>	RE14694	pFLC-I	1956	FBgn0000032	<i>ACP4</i>	ENSG00000142513	Pvull: 3736 2512 1347 1001 904 784 510
P945	<i>yellow-e3</i>	RE14803	pFLC-I	1333	FBgn0038150	<i>DPM3</i>	ENSG00000179085	Pvull: 3736 2512 1792 1347 784
P946	<i>CG31559</i>	RE15313	pFLC-I	2011	FBgn0051559	<i>GRXCR2</i>	ENSG00000204928	Pvull: 3736 2512 1454 1347 941 784 75
P947	<i>barr</i>	RE15383	pFLC-I	2594	FBgn0014127	<i>NCAPH</i>	ENSG00000121152	verified by sequencing
P949	<i>NaPi-T</i>	RE15779	pFLC-I	2339	FBgn0016684	<i>SLC17A4</i>	ENSG00000146039	Pvull: 3736 2798 2512 1347 784
P950	<i>CG6345</i>	RE15838	pFLC-I	1801	FBgn0037816	<i>CDK5RAP1</i>	ENSG00000101391	Pvull: 3736 2512 1551 1347 784 709
P951	<i>CG9921</i>	RE16337	pFLC-I	806	FBgn0030743	<i>HIGD2B</i>	ENSG00000175202	Pvull: 3736 2512 1347 784 663 558 44
P952	<i>CG5013</i>	RE16487	pFLC-I	975	FBgn0038396	<i>METTL23</i>	ENSG00000181038	Pvull: 3736 2512 1434 1347 784
P953	<i>Orc5</i>	RE16687	pFLC-I	1684	FBgn0015271	<i>ORC5</i>	ENSG00000164815	Pvull: 3736 2512 1347 1033 784 687 264 159
P954	<i>MED22</i>	RE16720	pFLC-I	648	FBgn0040339	<i>MED22</i>	ENSG00000148297	Pvull: 3736 2512 1347 784 578 529
P955	<i>Scm</i>	RE16782	pFLC-I	3779	FBgn0003334	<i>SCML2</i>	ENSG00000102098	Pvull: 3736 2756 2512 1482 1347 784
P956	<i>PDCD-5</i>	RE17056	pFLC-I	660	FBgn0036580	<i>PDCD5</i>	ENSG00000105185	Pvull: 3736 2512 1347 1119 784
P957	<i>Rbbp5</i>	RE17089	pFLC-I	1535	FBgn0036973	<i>RBBP5</i>	ENSG00000117222	Pvull: 3736 2512 1994 1347 784
P958	<i>blos4</i>	RE17115	pFLC-I	1058	FBgn0036105	<i>BCAS4</i>	ENSG00000124243	Pvull: 3736 2512 1517 1347 784
P959	<i>naz</i>	RE17220	pFLC-I	1578	FBgn0051235	<i>RDH12</i>	ENSG00000139988	Pvull: 3736 2512 1347 784 717 630 522 168
P960	<i>CG9372</i>	RE17417	pFLC-I	1707	FBgn0036891	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 2166 1347 784
P961	<i>smg-30</i>	RE17477	pFLC-I	1040	FBgn0038257	<i>RGN</i>	ENSG00000130988	Pvull: 3736 2512 1347 784 658 422 419
P962	<i>CG8412</i>	RE17513	pFLC-I	2541	FBgn0037743	<i>ALG12</i>	ENSG00000182858	Pvull: 3736 3000 2512 1347 784
P963	<i>RpL26</i>	RE17611	pFLC-I	691	FBgn0036825	<i>RPL26</i>	ENSG00000161970	Pvull: 3736 2512 1347 1150 784
P964	<i>RpL35A</i>	RE17737	pFLC-I	633	FBgn0037328	<i>RPL35A</i>	ENSG00000182899	Pvull: 3736 2512 1347 1092 784
P965	<i>beat-IIa</i>	RE17794	pFLC-I	3005	FBgn0038498	<i>CADM2</i>	ENSG00000175161	Pvull: 3736 2512 1347 1155 896 853 784 560
P966	<i>TFAP-2</i>	RE17884	pFLC-I	2234	FBgn0261953	<i>TFAP2D</i>	ENSG00000008197	Pvull: 3736 2512 1347 1046 987 784 660
P967	<i>Mctp</i>	RE18318	pFLC-I	2824	FBgn0034389	<i>MCTP2</i>	ENSG00000140563	Pvull: 3736 2512 1658 1347 918 784 373 334
P968	<i>CG5516</i>	RE18415	pFLC-I	825	FBgn0038389	<i>ZCCHC10</i>	ENSG00000155329	Pvull: 3736 2512 1347 1284 784
P969	<i>l(2)37Bb</i>	RE18450	pFLC-I	1714	FBgn0002021	<i>FOXRED1</i>	ENSG00000110074	Pvull: 3736 2512 2173 1347 784
P971	<i>CG15390</i>	RE18748	pFLC-I	969	FBgn0031419	<i>MTERF4</i>	ENSG00000122085	Pvull: 3736 2512 1347 1220 784 208
P972	<i>Ts</i>	RE18955	pFLC-I	1343	FBgn0024920	<i>TYMS</i>	ENSG00000176890	Pvull: 3736 2512 1347 1069 784 733
P973	<i>E(spl)m3-HLH</i>	RE19116	pFLC-I	1322	FBgn0002609	<i>HES6</i>	ENSG00000144485	Pvull: 3736 2512 1781 1347 784
P974	<i>CG11396</i>	RE19263	pFLC-I	1614	FBgn0037022	<i>TRAPPC12</i>	ENSG00000171853	Pvull: 3736 2512 2073 1347 784
P975	<i>CG17493</i>	RE19335	pFLC-I	1506	FBgn0040010	<i>CETN2</i>	ENSG00000147400	Pvull: 3736 2512 1965 1347 784
P976	<i>mRpL41</i>	RE19416	pFLC-I	606	FBgn0034001	<i>MRPL41</i>	ENSG00000182154	Pvull: 3736 2512 1347 1065 784
P977	<i>Sf3b6</i>	RE19804	pFLC-I	943	FBgn0035692	<i>SF3B6</i>	ENSG00000115128	Pvull: 3736 2512 1402 1347 784
P978	<i>CG5800</i>	RE19835	pFLC-I	2655	FBgn0030855	<i>DDX10</i>	ENSG00000178105	Pvull: 3736 2512 1949 1347 1165 784
P979	<i>spn-D</i>	RE19845	pFLC-I	1040	FBgn0003482	<i>RAD51C</i>	ENSG00000108384	Pvull: 3736 2512 1347 948 784 551

P980	CG9773	RE19904	pFLC-I	1011	FBgn0037609	UNC50	ENSG00000115446	Pvull: 3736 2512 1347 828 784 642
P981	mms4	RE20777	pFLC-I	1142	FBgn0033549	EME1	ENSG00000154920	Pvull: 3736 2512 1601 1347 784
P982	CG15743	RE20784	pFLC-I	1653	FBgn0030465	UBE2W	ENSG00000104343	Pvull: 3736 2512 1356 1347 784 756
P983	CG12116	RE21057	pFLC-I	1581	FBgn0030041	SPR	ENSG00000116096	Pvull: 3736 2512 1347 1149 891 784
P984	CG8207	RE21160	pFLC-I	1562	FBgn0034035	GMPPB	ENSG00000173540	Pvull: 3736 2512 1347 1094 784 491 436
P985	CG10903	RE22146	pFLC-I	1138	FBgn0037543	BUD23	ENSG00000071462	Pvull: 3736 2512 1397 1347 784 200
P986	Pex14	RE22286	pFLC-I	1269	FBgn0037020	PEX14	ENSG00000142655	Pvull: 3736 2512 1347 826 784 542 360
P987	CG9577	RE22677	pFLC-I	1145	FBgn0031092	ECH1	ENSG00000104823	Pvull: 3736 2512 1604 1347 784
P988	CG10874	RE23541	pFLC-I	1594	FBgn0031395	CCDC28A	ENSG00000024862	Pvull: 3736 2512 1347 1177 834 784 42
P989	CG5160	RE23556	pFLC-I	1282	FBgn0031906	RERG	ENSG00000134533	Pvull: 3736 2512 1741 1347 784
P990	Sdhaf3	RE23580	pFLC-I	456	FBgn0038437	FMC1	ENSG00000164898	Pvull: 3736 2512 1347 915 784
P991	CG10914	RE23670	pFLC-I	2073	FBgn0034307	NOA1	ENSG00000084092	Pvull: 3736 2512 1347 1207 1018 784 307
P992	PH4alphaSG2	RE23792	pFLC-I	1762	FBgn0039779	P4HA3	ENSG00000149380	Pvull: 3736 2512 2221 1347 784
P993	l(1)G0230	RE24457	pFLC-I	680	FBgn0028342	ATP5D	ENSG00000099624	Pvull: 3736 2512 1347 784 657 482
P994	Bsg25A	RE24665	pFLC-I	1366	FBgn0000227	BEND7	ENSG00000165626	Pvull: 3736 2512 1347 784 613 609 603
P995	CG31871	RE24765	pFLC-I	2344	FBgn0051871	LIPA	ENSG00000107798	Pvull: 3736 2512 1533 1347 832 784 303 63 54 18
P996	Vps60	RE24819	pFLC-I	990	FBgn0036740	CHMP5	ENSG00000086065	Pvull: 3736 2512 1449 1347 784
P997	Cyp304a1	RE24941	pFLC-I	1729	FBgn0038095	CYP2C9	ENSG00000138109	Pvull: 3736 2512 2188 1347 784
P998	Alp10	RE25175	pFLC-I	1765	FBgn0035619	ALPP	ENSG00000163283	Pvull: 3736 2512 1347 1299 925 784
P999	APC10	RE25242	pFLC-I	880	FBgn0034231	ANAPC10	ENSG00000164162	Pvull: 3736 2512 1347 1339 784
P1000	MAGE	RE25453	pFLC-I	955	FBgn0037481	MAGEB17	ENSG00000182798	Pvull: 3736 2512 1414 1347 784
P1001	Taf10b	RE26329	pFLC-I	558	FBgn0026324	TAF10	ENSG00000166337	Pvull: 3736 2512 1347 784 647 370
P1002	Blimp-1	RE26660	pFLC-I	4375	FBgn0035625	PRDM1	ENSG00000057657	Pvull: 3736 2761 2512 1347 1084 784 607 382
P1003	bwa	RE26924	pFLC-I	2318	FBgn0045064	ACER2	ENSG00000177076	Pvull: 3736 2512 1889 1347 784 457 341 90
P1004	Psf2	RE26983	pFLC-I	825	FBgn0261976	GIN52	ENSG00000131153	verified by sequencing
P1005	CG13295	RE27477	pFLC-I	1650	FBgn0035674	TCAIM	ENSG00000179152	Pvull: 3736 2512 2109 1347 784
P1006	CG11319	RE27507	pFLC-I	4650	FBgn0031835	DPP4	ENSG00000197635	Pvull: 3736 2512 1633 1347 784 741 554 473 388 308 282 280 176 166
P1007	CG9416	RE28322	pFLC-I	3091	FBgn0034438	ERMP1	ENSG00000099219	Pvull: 3736 3293 2512 1347 784 257
P1008	mRpS17	RE28524	pFLC-I	723	FBgn0034986	MRPS17	ENSG00000239789	Pvull: 3736 2512 1347 784 602 382 198
P1009	CG6763	RE28575	pFLC-I	1990	FBgn0039069	ASTL	ENSG00000188886	Pvull: 3736 2512 2449 1347 784
P1010	HmgZ	RE28596	pFLC-I	710	FBgn0010228	HMG20A	ENSG00000140382	Pvull: 3736 2512 1347 1169 784
P1011	Cyp6t1	RE28781	pFLC-I	1751	FBgn0031182	CYP4F3	ENSG00000186529	Pvull: 3736 2512 1347 1110 1100 784
P1012	RpL12	RE28824	pFLC-I	644	FBgn0034968	RPL12	ENSG00000197958	Pvull: 3736 2512 1347 1103 784
P1013	PIG-Wb	RE28850	pFLC-I	1916	FBgn0035265	PIGW	ENSG00000277161	Pvull: 3736 2512 2375 1347 784
P1014	Nxt1	RE28995	pFLC-I	538	FBgn0028411	NXT1	ENSG00000132661	Pvull: 3736 2512 1347 784 525 472
P1015	ND-B14.5B	RE29623	pFLC-I	471	FBgn0031505	NDUFC2-KCTD14	ENSG00000259112	Pvull: 3736 2512 1347 930 784
P1016	Tsp74F	RE29825	pFLC-I	1422	FBgn0036769	TSPAN9	ENSG00000011105	Pvull: 3736 2512 1881 1347 784
P1017	Pnn	RE29832	pFLC-I	1195	FBgn0037737	PNN	ENSG00000100941	Pvull: 3736 2512 1654 1347 784
P1018	CG16985	RE30174	pFLC-I	652	FBgn0035355	ACOT13	ENSG00000112304	Pvull: 3736 2512 1347 1111 784
P1019	CG16863	RE30177	pFLC-I	2249	FBgn0028931	ZBED4	ENSG00000100426	Pvull: 3736 2512 1440 1347 965 784 303
P1020	CG13827	RE30473	pFLC-I	1001	FBgn0039068	PEX11G	ENSG00000104883	Pvull: 3736 2512 1460 1347 784
P1021	Aatf	RE30678	pFLC-I	1724	FBgn0031851	AATF	ENSG00000275700	Pvull: 3736 2512 1347 929 784 690 564
P1022	RpL24	RE30690	pFLC-I	815	FBgn0032518	RPL24	ENSG00000114391	Pvull: 3736 2512 1347 1274 784
P1023	Ckl1beta	RE31047	pFLC-I	3134	FBgn0000259	CSNK2B	ENSG00000204435	Pvull: 3736 2653 2512 1347 784 650 290
P1024	CG6125	RE31140	pFLC-I	2210	FBgn0038337	SLC26A11	ENSG00000181045	Pvull: 3736 2512 1859 1347 784 497 313
P1025	Cyp6d2	RE31155	pFLC-I	1772	FBgn0034756	CYP4F3	ENSG00000186529	Pvull: 3736 2512 1347 1098 979 784 81 73
P1026	CG10050	RE31178	pFLC-I	1906	FBgn0037492	DTWD2	ENSG00000169570	Pvull: 3736 2512 2365 1347 784
P1027	mRpS26	RE31184	pFLC-I	839	FBgn0036774	MRPS26	ENSG00000125901	Pvull: 3736 2512 1347 784 588 423 287

P1028	<i>Cpsf73</i>	RE31408	pFLC-I	2182	FBgn0261065	<i>CPSF3</i>	ENSG00000119203	Pvull: 3736 2512 2231 1347 784 410
P1029	<i>Bug22</i>	RE32166	pFLC-I	955	FBgn0032248	<i>CFAP20</i>	ENSG00000070761	Pvull: 3736 2512 1347 960 784 454
P1030	<i>Rbf2</i>	RE32990	pFLC-I	2713	FBgn0038390	<i>RBL2</i>	ENSG00000103479	Pvull: 3736 2512 1347 1230 945 784 399 322 276
P1031	<i>RpL5</i>	RE33114	pFLC-I	1077	FBgn0064225	<i>RPL5</i>	ENSG00000122406	Pvull: 3736 2512 1536 1347 784
P1032	<i>Cat</i>	RE33242	pFLC-I	2009	FBgn0000261	<i>CAT</i>	ENSG00000121691	Pvull: 3736 2512 2468 1347 784
P1033	<i>CG9386</i>	RE33302	pFLC-I	1640	FBgn0037708	<i>TRMT44</i>	ENSG00000155275	Pvull: 3736 2512 2099 1347 784
P1034	<i>CG3008</i>	RE33807	pFLC-I	2275	FBgn0031643	<i>RIOK1</i>	ENSG00000124784	Pvull: 3736 2512 1347 948 784 748 717 288 33
P1035	<i>CG12547</i>	RE33981	pFLC-I	2236	FBgn0250830	<i>NHLRC2</i>	ENSG00000196865	Pvull: 3736 2695 2512 1347 784
P1036	<i>qkr54B</i>	RE34120	pFLC-I	3490	FBgn0022987	<i>KHDRBS2</i>	ENSG00000112232	Pvull: 3736 2949 2512 1347 1000 784
P1037	<i>Rpb5</i>	RE34924	pFLC-I	829	FBgn0033571	<i>POLR2E</i>	ENSG00000099817	Pvull: 3736 2512 1347 952 784 336
P1038	<i>dpn</i>	RE34993	pFLC-I	2049	FBgn0010109	<i>HES6</i>	ENSG00000144485	Pvull: 3736 2512 1347 996 784 574 555 222 161
P1039	<i>Pis</i>	RE35104	pFLC-I	1389	FBgn0030670	<i>CDIPT</i>	ENSG00000103502	Pvull: 3736 2512 1347 1224 784 624
P1040	<i>CG11437</i>	RE35159	pFLC-I	1006	FBgn0037165	<i>PLPP2</i>	ENSG00000141934	Pvull: 3736 2512 1347 957 784 508
P1041	<i>Cht11</i>	RE35233	pFLC-I	1562	FBgn0029913	<i>OVGP1</i>	ENSG00000085465	Pvull: 3736 2512 1347 1238 784 783
P1042	<i>mRpL43</i>	RE35686	pFLC-I	796	FBgn0034893	<i>MRPL43</i>	ENSG00000055950	Pvull: 3736 2512 1347 1040 784 215
P1043	<i>ATPsyn-gamma</i>	RE35715	pFLC-I	1385	FBgn0020235	<i>ATP5C1</i>	ENSG00000165629	Pvull: 3736 2512 1844 1347 784
P1044	<i>CG18549</i>	RE35942	pFLC-I	2020	FBgn0038053	<i>MFS11</i>	ENSG00000092931	Pvull: 3736 2512 1734 1347 784 745
P1045	<i>Ras64B</i>	RE36103	pFLC-I	1633	FBgn0003206	<i>NRAS</i>	ENSG00000213281	Pvull: 3736 2512 1568 1347 784 524
P1046	<i>CG15701</i>	RE36115	pFLC-I	3354	FBgn0034095	<i>WDR60</i>	ENSG00000126870	Pvull: 3736 2512 1616 1347 873 784 645 634 45
P1047	<i>CG9522</i>	RE36204	pFLC-I	2214	FBgn0030587	<i>CHDH</i>	ENSG00000016391	Pvull: 3736 2512 1779 1347 784 679 215
P1048	<i>rhi</i>	RE36324	pFLC-I	1583	FBgn0004400	<i>ECI2</i>	ENSG00000198721	Pvull: 3736 2512 1347 997 784 595 450
P1049	<i>Npc2b</i>	RE36503	pFLC-I	815	FBgn0038198	<i>NPC2</i>	ENSG00000119655	Pvull: 3736 2512 1347 1274 784
P1050	<i>CG17829</i>	RE36568	pFLC-I	2189	FBgn0025635	<i>RPS6</i>	ENSG00000137154	Pvull: 3736 2512 1584 1347 1064 784
P1051	<i>Csl4</i>	RE36848	pFLC-I	1122	FBgn0032346	<i>EXOSC1</i>	ENSG00000171311	Pvull: 3736 2512 1581 1347 784
P1052	<i>CG3734</i>	RE36938	pFLC-I	1637	FBgn0038700	<i>PRSS16</i>	ENSG00000112812	Pvull: 3736 2512 2096 1347 784
P1053	<i>CG7739</i>	RE36966	pFLC-I	2295	FBgn0036509	<i>ITFG1</i>	ENSG00000129636	Pvull: 3736 2754 2512 1347 784
P1054	<i>Doc3</i>	RE36967	pFLC-I	1683	FBgn0035954	<i>TBX6</i>	ENSG00000149922	Pvull: 3736 2512 2142 1347 784
P1055	<i>Actbeta</i>	RE37047	pFLC-I	3677	FBgn0024913	<i>INHBC</i>	ENSG00000175189	Pvull: 4136 3736 2512 1347 784
P1056	<i>CG5359</i>	RE37471	pFLC-I	1252	FBgn0037773	<i>TCTEX1D1</i>	ENSG00000152760	Pvull: 3736 2512 1347 1181 784 409 121
P1057	<i>CG7785</i>	RE37682	pFLC-I	1757	FBgn0038564	<i>SPRYD7</i>	ENSG00000123178	Pvull: 3736 2512 1696 1347 784 520
P1058	<i>CG9673</i>	RE37738	pFLC-I	903	FBgn0030775	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1362 1347 784
P1059	<i>alphaTry</i>	RE37763	pFLC-I	872	FBgn0003863	<i>TMPRSS11D</i>	ENSG00000153802	Pvull: 3736 2512 1347 784 706 625
P1060	<i>RpL8</i>	RE37829	pFLC-I	1019	FBgn0261602	<i>RPL8</i>	ENSG00000161016	Pvull: 3736 2512 1347 833 784 645
P1061	<i>CG8323</i>	RE38146	pFLC-I	1472	FBgn0033903	<i>SLC25A34</i>	ENSG00000162461	Pvull: 3736 2512 1347 1127 784 501 303
P1062	<i>sca</i>	RE38281	pFLC-I	3809	FBgn0003326	<i>ANGPTL2</i>	ENSG00000136859	Pvull: 3736 2512 1347 1131 1081 853 784 432 402 369
P1063	<i>l(3)03670</i>	RE38619	pFLC-I	956	FBgn0010808	<i>CHCHD3</i>	ENSG00000106554	Pvull: 3736 2512 1347 784 605 520 290
P1064	<i>Ef2b</i>	RE38659	pFLC-I	2823	FBgn0000559	<i>EEF2</i>	ENSG00000167658	Pvull: 3736 2869 2512 1347 784 413
P1065	<i>Tsp66E</i>	RE39068	pFLC-I	2171	FBgn0035936	<i>TSPAN9</i>	ENSG00000011105	Pvull: 3736 2512 2015 1347 784 615
P1066	<i>exex</i>	RE39081	pFLC-I	2389	FBgn0041156	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2512 1347 1264 1171 784 317 96
P1067	<i>Tsp29Fa</i>	RE39366	pFLC-I	979	FBgn0032074	<i>TSPAN9</i>	ENSG00000011105	Pvull: 3736 2512 1438 1347 784
P1068	<i>CG31142</i>	RE39515	pFLC-I	652	FBgn0047114	<i>YAE1D1</i>	ENSG00000241127	Pvull: 3736 2512 1347 1111 784
P1069	<i>CG7091</i>	RE39556	pFLC-I	1893	FBgn0038099	<i>SLC17A4</i>	ENSG00000146039	Pvull: 3736 2512 2352 1347 784
P1070	<i>Pex11</i>	RE39562	pFLC-I	948	FBgn0034058	<i>PEX11A</i>	ENSG00000166821	Pvull: 3736 2512 1407 1347 784
P1071	<i>Rsf1</i>	RE39606	pFLC-I	942	FBgn0011305	<i>SRSF7</i>	ENSG00000115875	Pvull: 3736 2512 1347 843 784 558
P1072	<i>SmD3</i>	RE39820	pFLC-I	753	FBgn0023167	<i>SNRPD3</i>	ENSG00000100028	Pvull: 3736 2512 1347 1212 784
P1073	<i>Cyp309a1</i>	RE39992	pFLC-I	1608	FBgn0031432	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 1347 1100 967 784
P1074	<i>grn</i>	RE40104	pFLC-I	3465	FBgn0001138	<i>GATA4</i>	ENSG00000136574	Pvull: 3736 2512 2017 1347 784 641 633 633
P1075	<i>CG4730</i>	RE40275	pFLC-I	1507	FBgn0039355	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 1966 1347 784

P1076	CG30031	RE40325	pFLC-I	826	FBgn0050031	TMPRSS11D	ENSG00000153802	Pvull: 3736 2512 1347 784 697 588
P1077	CG31446	RE40372	pFLC-I	883	FBgn0051446	APOD	ENSG00000189058	Pvull: 3736 2512 1347 1342 784
P1078	CG3420	RE40412	pFLC-I	540	FBgn0033100	CISD3	ENSG00000277972	Pvull: 3736 2512 1347 784 555 444
P1079	nac	RE40567	pFLC-I	1229	FBgn0265351	SLC35C1	ENSG00000181830	Pvull: 3736 2512 1347 1231 784 457
P1080	CG7071	RE40914	pFLC-I	1505	FBgn0260467	TMEM199	ENSG00000244045	Pvull: 3736 2512 1770 1347 784 194
P1081	h	RE40955	pFLC-I	2151	FBgn0001168	HES6	ENSG00000144485	Pvull: 3736 2512 1347 1331 1279 784
P1082	otk2	RE41180	pFLC-I	1981	FBgn0267728	PTK7	ENSG00000112655	Pvull: 3736 2512 1347 855 849 784 736
P1083	Pfdn1	RE41391	pFLC-I	587	FBgn0031776	PFDN1	ENSG00000113068	Pvull: 3736 2512 1347 784 611 435
P1084	CG7264	RE41410	pFLC-I	1716	FBgn0036214	RIBC2	ENSG00000128408	Pvull: 3736 2512 1422 1347 784 753
P1085	CG5292	RE41712	pFLC-I	1203	FBgn0038491	ADAT2	ENSG00000189007	Pvull: 3736 2512 1347 1153 784 478 31
P1086	CG7638	RE42071	pFLC-I	1905	FBgn0036133	TMEM161A	ENSG00000064545	Pvull: 3736 2512 2364 1347 784
P1087	CG1172	RE42193	pFLC-I	2027	FBgn0264712	UBTD2	ENSG00000168246	Pvull: 3736 2512 1874 1347 784 426 186
P1088	CG11151	RE42326	pFLC-I	721	FBgn0030519	SCP2D1	ENSG00000132631	Pvull: 3736 2512 1347 1180 784
P1089	R	RE42418	pFLC-I	2751	FBgn0004636	NRAS	ENSG00000213281	Pvull: 3736 3210 2512 1347 784
P1090	Rab21	RE42508	pFLC-I	1075	FBgn0039966	RAB6A	ENSG00000175582	Pvull: 3736 2512 1347 857 784 677
P1091	CoVa	RE42582	pFLC-I	745	FBgn0019624	COX5A	ENSG00000178741	Pvull: 3736 2512 1347 1204 784
P1092	Den1	RE42624	pFLC-I	1260	FBgn0033716	SENP8	ENSG00000166192	Pvull: 3736 2512 1719 1347 784
P1093	CG8630	RE43130	pFLC-I	2186	FBgn0038130	SCD5	ENSG00000145284	Pvull: 3736 2512 2002 1347 784 643
P1094	CG3097	RE43153	pFLC-I	1997	FBgn0029804	CPB2	ENSG00000080618	Pvull: 3736 2512 1347 1255 1201 784
P1095	mRpL17	RE43278	pFLC-I	761	FBgn0035122	MRPL17	ENSG00000158042	Pvull: 3736 2512 1347 929 784 198 93
P1096	stet	RE43527	pFLC-I	2107	FBgn0020248	RHBDL2	ENSG00000158315	Pvull: 3736 2512 1347 1171 784 630 327 291 147
P1097	Nf-YC	RE43755	pFLC-I	2534	FBgn0029905	POLE4	ENSG00000115350	Pvull: 3736 2512 1631 1347 1056 784 198 108
P1098	Syt7	RE44043	pFLC-I	2708	FBgn0039900	SYT5	ENSG00000129990	Pvull: 3736 3167 2512 1347 784
P1099	Prp3	RE44079	pFLC-I	2075	FBgn0036915	PRPF3	ENSG00000117360	Pvull: 3736 2512 1347 824 784 721 575 296 88 30
P1100	CG9737	RE44245	pFLC-I	1649	FBgn0039758	KLK9	ENSG00000213022	Pvull: 3736 2512 1347 1248 860 784
P1101	CG31715	RE44624	pFLC-I	590	FBgn0051715	MTPN	ENSG00000105887	Pvull: 3736 2512 1347 1049 784
P1102	CG11562	RE44650	pFLC-I	717	FBgn0031247	PET117	ENSG00000232838	Pvull: 3736 2512 1347 1176 784
P1103	sicily	RE44923	pFLC-I	1137	FBgn0030352	NDUFAF6	ENSG00000156170	Pvull: 3736 2512 1347 1041 784 555
P1104	Ptr	RE45036	pFLC-I	4644	FBgn0262867	PTCHD3	ENSG00000182077	Pvull: 3736 2512 2289 1913 1347 784 682 219
P1105	CG2772	RE45077	pFLC-I	1343	FBgn0031533	LIPA	ENSG00000107798	Pvull: 3736 2512 1347 1296 784 506
P1106	strat	RE45155	pFLC-I	885	FBgn0032020	RABIF	ENSG00000183155	Pvull: 3736 2512 1347 1344 784
P1107	Mpp6	RE45276	pFLC-I	667	FBgn0032921	MPHOSPH6	ENSG00000135698	Pvull: 3736 2512 1347 1126 784
P1108	CG15254	RE45353	pFLC-I	838	FBgn0028949	MEP1B	ENSG00000141434	Pvull: 3736 2512 1347 784 697 322 278
P1109	CG1983	RE46560	pFLC-I	1129	FBgn0039751	PLPBP	ENSG00000147471	Pvull: 3736 2512 1588 1347 784
P1110	veli	RE46718	pFLC-I	908	FBgn0039269	LIN7B	ENSG00000104863	Pvull: 3736 2512 1347 1169 784 198
P1111	CG17187	RE47242	pFLC-I	1256	FBgn0037882	DNAJC17	ENSG00000104129	Pvull: 3736 2512 1347 1321 784 394
P1112	Rbp1-like	RE47308	pFLC-I	929	FBgn0030479	SRSF7	ENSG00000115875	Pvull: 3736 2512 1388 1347 784
P1113	mRpS5	RE47909	pFLC-I	1402	FBgn0044510	MRPS5	ENSG00000144029	Pvull: 3736 2512 1861 1347 784
P1114	hgo	RE48339	pFLC-I	1461	FBgn0040211	HGD	ENSG00000113924	Pvull: 3736 2512 1920 1347 784
P1115	Rab19	RE48347	pFLC-I	1042	FBgn0015793	RAB8A	ENSG00000167461	Pvull: 3736 2512 1501 1347 784
P1116	Hsp68	RE48592	pFLC-I	2244	FBgn0001230	NCKAP1L	ENSG00000123338	verified by sequencing
P1117	CG8993	RE49388	pFLC-I	632	FBgn0035334	DNAJC24	ENSG00000170946	Pvull: 3736 2512 1347 1091 784
P1118	CG7328	RE49431	pFLC-I	1311	FBgn0036942	KHK	ENSG00000138030	Pvull: 3736 2512 1770 1347 784
P1119	CG5500	RE49565	pFLC-I	873	FBgn0039461	OXLD1	ENSG00000204237	Pvull: 3736 2512 1347 886 784 446
P1120	Cisd2	RE49709	pFLC-I	685	FBgn0062442	CISD1	ENSG00000122873	Pvull: 3736 2512 1347 784 680 464
P1121	CG14352	RE49731	pFLC-I	1034	FBgn0031351	MSANTD3	ENSG00000066697	Pvull: 3736 2512 1347 878 784 615
P1122	mRpL23	RE49852	pFLC-I	563	FBgn0035335	MRPL23	ENSG00000214026	Pvull: 3736 2512 1347 1022 784
P1123	Art8	RE49877	pFLC-I	1225	FBgn0032329	PRMT8	ENSG00000111218	Pvull: 3736 2512 1347 860 824 784

P1124	CG12539	RE49901	pFLC-I	2186	FBgn0030586	CHDH	ENSG00000016391	Pvull: 3736 2512 1347 1220 784 639 495 291
P1125	CG11447	RE49934	pFLC-I	1001	FBgn0038737	MRM2	ENSG00000122687	Pvull: 3736 2512 1347 971 784 489
P1126	CG2931	RE50009	pFLC-I	1125	FBgn0037342	RBM42	ENSG00000126254	Pvull: 3736 2512 1584 1347 784
P1127	CG5510	RE50040	pFLC-I	1391	FBgn0039160	LMAN2	ENSG00000169223	Pvull: 3736 2512 1347 1023 787 784 40
P1128	CG3634	RE50559	pFLC-I	2327	FBgn0037026	ST7L	ENSG00000007341	Pvull: 3736 2512 1449 1347 786 784 551
P1129	MED27	RE51713	pFLC-I	1089	FBgn0037359	MED27	ENSG00000160563	Pvull: 3736 2512 1347 1017 784 429 102
P1130	CG8891	RE51791	pFLC-I	783	FBgn0031663	ITPA	ENSG00000125877	Pvull: 3736 2512 1347 1039 784 203
P1131	Ugt37b1	RE52038	pFLC-I	1755	FBgn0026755	UGT2B28	ENSG00000135226	Pvull: 3736 2512 1347 1198 1016 784
P1132	tap	RE52048	pFLC-I	2141	FBgn0015550	NEUROG3	ENSG00000122859	verified by sequencing
P1133	CG11638	RE52086	pFLC-I	2478	FBgn0040351	CALML5	ENSG00000178372	Pvull: 3736 2937 2512 1347 784
P1134	Sod	RE52090	pFLC-I	747	FBgn0003462	SOD1	ENSG00000142168	Pvull: 3736 2512 1347 1206 784
P1135	CG7394	RE52392	pFLC-I	544	FBgn0036173	PAM16	ENSG00000217930	Pvull: 3736 2512 1347 784 781 222
P1136	bai	RE52411	pFLC-I	822	FBgn0045866	TMED10	ENSG00000170348	Pvull: 3736 2512 1347 1281 784
P1137	Taf13	RE52427	pFLC-I	641	FBgn0032847	TAF13	ENSG00000197780	Pvull: 3736 2512 1347 1100 784
P1138	Tfb5	RE52596	pFLC-I	853	FBgn0265968	GTF2H5	ENSG00000272047	Pvull: 3736 2512 1347 1312 784
P1139	Pbp45	RE52723	pFLC-I	1343	FBgn0038371	SNAPC1	ENSG00000023608	Pvull: 3736 2512 1347 795 784 645 362
P1140	mspo	RE52725	pFLC-I	2589	FBgn0020269	SPON2	ENSG00000159674	Pvull: 3736 2512 1347 1169 1132 784 747
P1141	Orc6	RE52740	pFLC-I	963	FBgn0023180	ORC6	ENSG00000091651	Pvull: 3736 2512 1347 859 784 563
P1142	CG4324	RE53026	pFLC-I	1762	FBgn0034956	SVOPL	ENSG00000157703	Pvull: 3736 2512 1347 904 784 780 537
P1143	fray	RE53265	pFLC-I	3646	FBgn0023083	TAOK2	ENSG00000149930	Pvull: 3736 2512 2139 1722 1347 784 208 36
P1144	TpnC25D	RE53289	pFLC-I	655	FBgn0031692	CALM3	ENSG00000160014	Pvull: 3736 2512 1347 1114 784
P1145	Arf102F	RE53354	pFLC-I	728	FBgn0013749	ARF4	ENSG00000168374	Pvull: 3736 2512 1347 784 682 388 117
P1146	CCDC53	RE53816	pFLC-I	662	FBgn0031979	WASHC3	ENSG00000120860	Pvull: 3736 2512 1347 784 734 387
P1147	Lip1	RE54405	pFLC-I	1502	FBgn0023496	LIPA	ENSG00000107798	Pvull: 3736 2512 1606 1347 784 355
P1148	RpS15Aa	RE54483	pFLC-I	702	FBgn0010198	RPS15A	ENSG00000134419	Pvull: 3736 2512 1347 1161 784
P1149	Rcd2	RE54525	pFLC-I	2251	FBgn0037012	CRIM1	ENSG00000150938	Pvull: 3736 2710 2512 1347 784
P1150	Ugt50B3	RE54684	pFLC-I	2437	FBgn0050438	UGT1A9	ENSG00000241119	Pvull: 3736 2512 2201 1347 784 695
P1151	CG3803	RE54691	pFLC-I	1324	FBgn0034938	COX15	ENSG00000014919	Pvull: 3736 2512 1347 908 875 784
P1152	CG4596	RE54776	pFLC-I	2371	FBgn0037849	TMEM169	ENSG00000163449	Pvull: 3736 2512 1410 1347 784 580 343 241 194 62
P1153	elf-4B	RE54950	pFLC-I	1677	FBgn0020660	CNBP	ENSG00000169714	Pvull: 3736 2512 2136 1347 784
P1154	Shaw	RE54962	pFLC-I	2854	FBgn0003386	KCNG1	ENSG00000026559	Pvull: 3736 3313 2512 1347 784
P1155	CG7718	RE55033	pFLC-I	1947	FBgn0038649	PGS1	ENSG00000087157	Pvull: 3736 2512 2406 1347 784
P1156	CG11753	RE55080	pFLC-I	709	FBgn0037603	SYS1	ENSG00000204070	Pvull: 3736 2512 1347 1168 784
P1157	CG11077	RE55125	pFLC-I	701	FBgn0039930	MPV17	ENSG00000115204	Pvull: 3736 2512 1347 1160 784
P1158	GstO3	RE55344	pFLC-I	893	FBgn0035904	GSTO1	ENSG00000148834	Pvull: 3736 2512 1347 879 784 473
P1159	Det	RE55472	pFLC-I	640	FBgn0264291	BIRC2	ENSG00000110330	Pvull: 3736 2512 1347 1099 784
P1160	yellow-e	RE55542	pFLC-I	1857	FBgn0041711	DPM3	ENSG00000179085	Pvull: 3736 2512 1982 1347 784 334
P1161	CG11398	RE55560	pFLC-I	1473	FBgn0040366	ATMIN	ENSG00000166454	Pvull: 3736 2512 1932 1347 784
P1162	Setd3	RE55639	pFLC-I	2169	FBgn0052732	SETD3	ENSG00000183576	Pvull: 3736 2628 2512 1347 784
P1163	Mp20	RE55741	pFLC-I	891	FBgn0002789	CNN1	ENSG00000130176	Pvull: 3736 2512 1347 784 702 648
P1164	CG14341	RE55753	pFLC-I	581	FBgn0031315	MEA1	ENSG00000124733	Pvull: 3736 2512 1347 1040 784
P1165	GstO1	RE55814	pFLC-I	965	FBgn0035907	GSTO1	ENSG00000148834	Pvull: 3736 2512 1347 784 763 661
P1166	CG33786	RE55868	pFLC-I	1261	FBgn0061361	YRDC	ENSG00000196449	Pvull: 3736 2512 1347 957 784 763
P1167	OtopLa	RE56564	pFLC-I	4222	FBgn0259994	OTOP2	ENSG00000183034	Pvull: 3736 2879 2512 1640 1347 784 162
P1168	Pde1c	RE56844	pFLC-I	3802	FBgn0264815	PDE1B	ENSG00000123360	Pvull: 3736 2512 1347 1275 1104 784 675 619 516 72
P1169	CG17528	RE56868	pFLC-I	2664	FBgn0261387	DCX	ENSG00000077279	Pvull: 3736 3123 2512 1347 784
P1170	U2A	RE56869	pFLC-I	1007	FBgn0033210	SNRPA1	ENSG00000131876	Pvull: 3736 2512 1347 784 725 456 285
P1171	CG10465	RE57120	pFLC-I	1270	FBgn0033017	KCTD13	ENSG00000174943	Pvull: 3736 2512 1729 1347 784

P1172	CG14015	RE57134	pFLC-I	2136	FBgn0031716	MANEAL	ENSG00000185090	Pvull: 3736 2512 1608 1347 827 784 160
P1173	CG14798	RE57135	pFLC-I	902	FBgn0029588	ALKBH7	ENSG00000125652	Pvull: 3736 2512 1347 855 784 506
P1174	CG6767	RE57174	pFLC-I	2019	FBgn0036030	PRPS1L1	ENSG00000229937	Pvull: 3736 2512 1774 1347 784 704
P1175	S2P	RE57384	pFLC-I	2034	FBgn0033656	MBTPS2	ENSG00000012174	Pvull: 3736 2512 1660 1347 784 673 160
P1176	NijA	RE57443	pFLC-I	1146	FBgn0036101	NINJ2	ENSG00000171840	Pvull: 3736 2512 1605 1347 784
P1177	CG4866	RE57564	pFLC-I	664	FBgn0034232	IMP3	ENSG00000177971	Pvull: 3736 2512 1347 1123 784
P1178	CG12975	RE57810	pFLC-I	627	FBgn0037061	TRMT112	ENSG00000173113	Pvull: 3736 2512 1347 1086 784
P1179	CG17359	RE58063	pFLC-I	1361	FBgn0036396	ZNF563	ENSG00000188868	Pvull: 3736 2512 1347 1310 784 510
P1180	nonA	RE58280	pFLC-I	3783	FBgn0004227	SFPQ	ENSG00000116560	Pvull: 3736 2512 2405 1347 1073 784 764
P1181	Ahcy89E	RE58316	pFLC-I	1792	FBgn0015011	AHCYL2	ENSG00000158467	Pvull: 3736 2512 1935 1347 784 316
P1182	Dhpr	RE58329	pFLC-I	1273	FBgn0035964	QDPR	ENSG00000151552	Pvull: 3736 2512 1347 784 639 437 327 170 108 40 11
P1183	CG4666	RE58349	pFLC-I	1076	FBgn0029838	THEM6	ENSG00000130193	Pvull: 3736 2512 1535 1347 784
P1184	Pp4-19C	RE58406	pFLC-I	2191	FBgn0023177	PPP2CA	ENSG00000113575	Pvull: 3736 2650 2512 1347 784
P1185	Coa7	RE58665	pFLC-I	1196	FBgn0039965	COA7	ENSG00000162377	Pvull: 3736 2512 1655 1347 784
P1186	CG31249	RE59232	pFLC-I	1191	FBgn0051249	RTRAF	ENSG00000087302	Pvull: 3736 2512 1347 889 784 527 234
P1187	RpS24	RE59324	pFLC-I	659	FBgn0261596	RPS24	ENSG00000138326	Pvull: 3736 2512 1347 1118 784
P1188	Chrac-16	RE59557	pFLC-I	696	FBgn0043001	CHRAC1	ENSG00000104472	Pvull: 3736 2512 1347 1155 784
P1189	CG12121	RE59932	pFLC-I	2965	FBgn0030109	GPR108	ENSG00000125734	Pvull: 3736 2512 2066 1358 1347 784
P1190	CG17883	RE60063	pFLC-I	1637	FBgn0040005	TBC1D20	ENSG00000125875	Pvull: 3736 2512 2096 1347 784
P1191	hrm	RE60337	pFLC-I	2617	FBgn0033028	SLC16A12	ENSG00000152779	Pvull: 3736 2512 1391 1347 1201 784 484
P1192	zetaTry	RE60340	pFLC-I	958	FBgn0011556	KLK9	ENSG00000213022	Pvull: 3736 2512 1417 1347 784
P1193	pigs	RE60364	pFLC-I	5412	FBgn0029881	GAS2L1	ENSG00000185340	Pvull: 3736 2512 2067 1671 1347 1021 784 644 468
P1194	Ipp	RE60387	pFLC-I	1412	FBgn0016672	INPP1	ENSG00000151689	Pvull: 3736 2512 1573 1347 784 214 84
P1195	Mdh2	RE60471	pFLC-I	1328	FBgn0262559	MDH2	ENSG00000146701	Pvull: 3736 2512 1347 1245 784 542
P1196	DNApol-delta	RE60511	pFLC-I	3418	FBgn0263600	POLD1	ENSG00000062822	Pvull: 3736 2512 1797 1347 804 790 784 486
P1197	hkb	RE60512	pFLC-I	1580	FBgn0261434	SP3	ENSG00000172845	Pvull: 3736 2512 1347 951 872 784 216
P1198	CG16865	RE60835	pFLC-I	925	FBgn0028919	CXorf56	ENSG00000018610	Pvull: 3736 2512 1347 784 697 687
P1199	CG2617	RE60872	pFLC-I	1279	FBgn0032877	RNF26	ENSG00000173456	Pvull: 3736 2512 1738 1347 784
P1200	CG8112	RE61294	pFLC-I	2102	FBgn0037612	SOAT2	ENSG00000167780	Pvull: 3736 2512 1347 1187 932 784 414 28
P1201	CG11777	RE61564	pFLC-I	716	FBgn0033527	PPIL3	ENSG00000240344	Pvull: 3736 2512 1347 1175 784
P1202	CG14667	RE61749	pFLC-I	1286	FBgn0037317	ZNF563	ENSG00000188868	Pvull: 3736 2512 1745 1347 784
P1203	CG11134	RE61993	pFLC-I	913	FBgn0030518	APIP	ENSG00000149089	Pvull: 3736 2512 1372 1347 784
P1204	RpL21	RE62581	pFLC-I	629	FBgn0032987	RPL21	ENSG00000122026	Pvull: 3736 2512 1347 1088 784
P1205	Qsox1	RE62692	pFLC-I	2382	FBgn0033814	QSOX2	ENSG00000165661	Pvull: 3736 2512 1446 1395 1347 784
P1206	Arv1	RE62711	pFLC-I	923	FBgn0052442	ARV1	ENSG00000173409	Pvull: 3736 2512 1382 1347 784
P1207	Cht4	RE62779	pFLC-I	1489	FBgn0022700	OVGP1	ENSG00000085465	Pvull: 3736 2512 1347 1202 784 746
P1208	CG12134	RE62785	pFLC-I	1532	FBgn0033471	WDR89	ENSG00000140006	Pvull: 3736 2512 1438 1347 784 553
P1209	CG6638	RE62833	pFLC-I	1527	FBgn0035911	ACADSB	ENSG00000196177	Pvull: 3736 2512 1347 1324 784 447 215
P1210	I(3)72Dh	RE62842	pFLC-I	562	FBgn0266724	TRAPPC2	ENSG00000196459	Pvull: 3736 2512 1347 784 638 383
P1211	CG14820	RE62864	pFLC-I	1443	FBgn0035718	CPB2	ENSG00000080618	Pvull: 3736 2512 1902 1347 784
P1212	Mal-A2	RE63163	pFLC-I	2067	FBgn0002569	SLC3A1	ENSG00000138079	Pvull: 3736 2512 1368 1347 1158 784
P1213	Sgsh	RE63280	pFLC-I	1893	FBgn0038660	SGSH	ENSG00000181523	Pvull: 3736 2512 2352 1347 784
P1214	CG14853	RE63320	pFLC-I	2625	FBgn0038246	ERICH2	ENSG00000204334	Pvull: 3736 2512 1405 1347 905 784 570 204
P1215	ArfGAP1	RE63354	pFLC-I	2099	FBgn0020655	ARFGAP3	ENSG00000242247	Pvull: 3736 2512 2085 1347 784 293 180
P1216	Phax	RE63406	pFLC-I	1560	FBgn0033380	PHAX	ENSG00000164902	Pvull: 3736 2512 1793 1347 784 226
P1217	CG40045	RE63412	pFLC-I	750	FBgn0058045	UBE2R2	ENSG00000107341	Pvull: 3736 2512 1347 1209 784
P1218	GstT1	RE63575	pFLC-I	1011	FBgn0050000	GSTT2B	ENSG00000133433	Pvull: 3736 2512 1347 933 784 537
P1219	mRpL38	RE63629	pFLC-I	1414	FBgn0030552	ZNF302	ENSG00000089335	Pvull: 3736 2512 1351 1347 784 441 72 9

P1220	<i>C1C-b</i>	RE63672	pFLC-I	2619	FBgn0033755	<i>CLCN6</i>	ENSG00000011021	Pvull: 3736 2512 1894 1347 1184 784
P1221	<i>MED20</i>	RE63851	pFLC-I	1049	FBgn0013531	<i>MED20</i>	ENSG00000124641	Pvull: 3736 2512 1347 784 664 507 337
P1222	<i>lab</i>	RE63854	pFLC-I	2791	FBgn0002522	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2512 1347 1017 784 679 606 576 203 111 58
P1223	<i>Cyp4p1</i>	RE64026	pFLC-I	1696	FBgn0015037	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 2155 1347 784
P1224	<i>Gclc</i>	RE64116	pFLC-I	3438	FBgn0040319	<i>GCLC</i>	ENSG00000001084	Pvull: 3736 2512 1347 1290 1206 784 564 438 399
P1225	<i>gsb-n</i>	RE64348	pFLC-I	2250	FBgn0001147	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2512 1860 1347 849 784
P1226	<i>CG5235</i>	RE64386	pFLC-I	2726	FBgn0036565	<i>MOXD1</i>	ENSG00000079931	Pvull: 3736 3185 2512 1347 784
P1227	<i>CG10208</i>	RE64534	pFLC-I	1079	FBgn0039118	<i>JAGN1</i>	ENSG00000171135	Pvull: 3736 2512 1347 920 784 618
P1228	<i>Jon66Ci</i>	RE64884	pFLC-I	851	FBgn0035886	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1310 784
P1229	<i>meng</i>	RE65108	pFLC-I	1992	FBgn0031855	<i>SBK3</i>	ENSG00000231274	Pvull: 3736 2512 1474 1347 958 784 19
P1230	<i>qm</i>	RE65121	pFLC-I	1912	FBgn0019662	<i>GGPS1</i>	ENSG00000152904	Pvull: 3736 2512 1395 1347 799 784 177
P1231	<i>mRpL40</i>	RE65766	pFLC-I	736	FBgn0037892	<i>MRPL40</i>	ENSG00000185608	Pvull: 3736 2512 1347 784 459 266 264 206
P1232	<i>Nca</i>	RE66104	pFLC-I	879	FBgn0013303	<i>HPCAL1</i>	ENSG00000115756	Pvull: 3736 2512 1347 1338 784
P1233	<i>geminin</i>	RE66227	pFLC-I	953	FBgn0033081	<i>MCIDAS</i>	ENSG00000234602	Pvull: 3736 2512 1347 898 784 514
P1234	<i>CG18473</i>	RE66370	pFLC-I	1293	FBgn0037683	<i>PTER</i>	ENSG00000165983	Pvull: 3736 2512 1752 1347 784
P1235	<i>Cyt-b5</i>	RE66521	pFLC-I	843	FBgn0264294	<i>CYB5B</i>	ENSG00000103018	Pvull: 3736 2512 1347 1302 784
P1236	<i>SdhD</i>	RE66546	pFLC-I	908	FBgn0039112	<i>SDHD</i>	ENSG00000204370	Pvull: 3736 2512 1347 784 565 433 369
P1237	<i>Ser6</i>	RE66795	pFLC-I	913	FBgn0011834	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1005 784 367
P1238	<i>CG2811</i>	RE67445	pFLC-I	716	FBgn0035082	<i>GGACT</i>	ENSG00000134864	Pvull: 3736 2512 1347 784 749 426
P1239	<i>Ptp36E</i>	RE67475	pFLC-I	3430	FBgn0267486	<i>PTPRA</i>	ENSG00000132670	Pvull: 3736 2512 1974 1691 1347 784 224
P1240	<i>EfSec</i>	RE67487	pFLC-I	1623	FBgn0034627	<i>EEFSEC</i>	ENSG00000132394	Pvull: 3736 2512 2082 1347 784
P1241	<i>NLaz</i>	RE67583	pFLC-I	930	FBgn0053126	<i>APOD</i>	ENSG00000189058	Pvull: 3736 2512 1347 784 713 676
P1242	<i>Mcm5</i>	RE67590	pFLC-I	2464	FBgn0017577	<i>MCM5</i>	ENSG00000100297	Pvull: 3736 2512 1772 1347 1151 784
P1243	<i>Ttc19</i>	RE67616	pFLC-I	1281	FBgn0032744	<i>TTC19</i>	ENSG00000011295	Pvull: 3736 2512 1347 828 784 777 135
P1244	<i>mRpL11</i>	RE67638	pFLC-I	737	FBgn0038234	<i>MRPL11</i>	ENSG00000174547	Pvull: 3736 2512 1347 1196 784
P1245	<i>CG14450</i>	RE67859	pFLC-I	1497	FBgn0037184	<i>TEFM</i>	ENSG00000172171	Pvull: 3736 2512 1956 1347 784
P1246	<i>CG18048</i>	RE67941	pFLC-I	1421	FBgn0037435	<i>TRMT13</i>	ENSG00000122435	Pvull: 3736 2512 1347 1141 784 739
P1247	<i>CG14615</i>	RE68036	pFLC-I	1254	FBgn0031184	<i>GLYATL1</i>	ENSG00000166840	Pvull: 3736 2512 1347 1099 784 468 146
P1248	<i>CG10075</i>	RE68357	pFLC-I	929	FBgn0035722	<i>UQCC1</i>	ENSG00000101019	Pvull: 3736 2512 1388 1347 784
P1249	<i>al</i>	RE68460	pFLC-I	1823	FBgn0000061	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2512 1347 1142 1140 784
P1250	<i>CG14543</i>	RE68515	pFLC-I	663	FBgn0039404	<i>TSR2</i>	ENSG00000158526	Pvull: 3736 2512 1347 1122 784
P1251	<i>CG13893</i>	RE68566	pFLC-I	2206	FBgn0035146	<i>SEC14L2</i>	ENSG00000100003	Pvull: 3736 2512 1465 1347 784 645 307 248
P1252	<i>CG40006</i>	RE68569	pFLC-I	2611	FBgn0058006	<i>SCARB2</i>	ENSG00000138760	Pvull: 3736 3070 2512 1347 784
P1253	<i>lambdaTry</i>	RE69176	pFLC-I	960	FBgn0043470	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1419 1347 784
P1254	<i>Gapdh1</i>	RE69448	pFLC-I	1342	FBgn0001091	<i>GAPDH</i>	ENSG00000111640	Pvull: 3736 2512 1347 1325 784 476
P1255	<i>CG8353</i>	RE70243	pFLC-I	767	FBgn0032002	<i>MAGED1</i>	ENSG00000179222	Pvull: 3736 2512 1347 831 784 395
P1256	<i>T-cp1</i>	RE70560	pFLC-I	1992	FBgn0003676	<i>TCP1</i>	ENSG00000120438	Pvull: 3736 2512 1347 1065 848 784 538
P1257	<i>Usp5</i>	RE70722	pFLC-I	2798	FBgn0035402	<i>USP13</i>	ENSG00000058056	Supplemental Table S1.
P1258	<i>hbs</i>	RE70806	pFLC-I	4715	FBgn0029082	<i>NPHS1</i>	ENSG00000161270	Pvull: 3736 3398 2512 1776 1347 784
P1259	<i>Lmx1a</i>	RE70810	pFLC-I	2655	FBgn0052105	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2512 1771 1347 784 757 455 131
P1260	<i>Jon99Ci</i>	RE70942	pFLC-I	923	FBgn0003358	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1382 1347 784
P1261	<i>CSN6</i>	RE71054	pFLC-I	1213	FBgn0028837	<i>COPS6</i>	ENSG00000168090	Supplemental Table S1.
P1262	<i>Cyp301a1</i>	RE71294	pFLC-I	1954	FBgn0033753	<i>CYP2C9</i>	ENSG00000138109	Pvull: 3736 2512 2413 1347 784
P1263	<i>Spase22-23</i>	RE71708	pFLC-I	1711	FBgn0039172	<i>AUH</i>	ENSG00000148090	Pvull: 3736 2512 1347 1070 784 334 313 275 178
P1264	<i>pix</i>	RE71924	pFLC-I	2228	FBgn0086706	<i>ABCE1</i>	ENSG00000164163	Pvull: 3736 2687 2512 1347 784
P1265	<i>mad2</i>	RE72064	pFLC-I	825	FBgn0035640	<i>MAD2L1</i>	ENSG00000164109	Pvull: 3736 2512 1347 812 784 472
P1266	<i>mRpL42</i>	RE72116	pFLC-I	610	FBgn0033480	<i>MRPL42</i>	ENSG00000198015	Pvull: 3736 2512 1347 784 431 322 316
P1267	<i>Agpat4</i>	RE72803	pFLC-I	1586	FBgn0036622	<i>AGPAT3</i>	ENSG00000160216	Pvull: 3736 2512 1347 924 784 661 460

P1268	<i>PGRP-LF</i>	RE73392	pFLC-I	1369	FBgn0035977	<i>PGLYRP4</i>	ENSG00000163218	Pvull: 3736 2512 1347 838 784 615 375
P1269	<i>Bka</i>	RE14949	pFLC-I	768	FBgn0010520	<i>UTP23</i>	ENSG00000147679	Pvull: 3736 2512 1347 784 758 276 193
P1270	<i>CG5382</i>	RE29207	pFLC-I	1183	FBgn0038950	<i>ZFPL1</i>	ENSG00000162300	Pvull: 3736 2512 1642 1347 784
P1271	<i>CG10962</i>	RE29909	pFLC-I	1380	FBgn0030073	<i>DHRS11</i>	ENSG00000278535	Pvull: 3736 2512 1347 976 863 784
P1272	<i>CG4306</i>	RE30433	pFLC-I	1041	FBgn0036787	<i>GGCT</i>	ENSG00000006625	Pvull: 3736 2512 1500 1347 784
P1273	<i>Gen</i>	RE33588	pFLC-I	2261	FBgn0263831	<i>GEN1</i>	ENSG00000178295	Pvull: 3736 2720 2512 1347 784
P1274	<i>CG7519</i>	RE39629	pFLC-I	718	FBgn0037087	<i>PBDC1</i>	ENSG00000102390	Pvull: 3736 2512 1347 784 749 428
P1275	<i>Eb1</i>	RE41364	pFLC-I	1923	FBgn0027066	<i>MAPRE2</i>	ENSG00000166974	Pvull: 3736 2512 2382 1347 784
P1276	<i>Dbp80</i>	RE44177	pFLC-I	1333	FBgn0024804	<i>DDX25</i>	ENSG00000109832	Pvull: 3736 2512 1442 1347 784 350
P1277	<i>CG2846</i>	RE45482	pFLC-I	1001	FBgn0014930	<i>RFK</i>	ENSG00000135002	Pvull: 3736 2512 1460 1347 784
P1278	<i>TM9SF3</i>	RE48767	pFLC-I	2662	FBgn0035622	<i>TM9SF3</i>	ENSG00000077147	Pvull: 3736 2691 2512 1347 784 430
P1279	<i>tor</i>	RE49094	pFLC-I	3144	FBgn0003733	<i>FGFR2</i>	ENSG00000066468	Pvull: 3736 3603 2512 1347 784
P1280	<i>CG12338</i>	RE49860	pFLC-I	1124	FBgn0033543	<i>DAO</i>	ENSG00000110887	Pvull: 3736 2512 1583 1347 784
P1281	<i>Mipp1</i>	RE51662	pFLC-I	1773	FBgn0026061	<i>MINPP1</i>	ENSG00000107789	Pvull: 3736 2512 1475 1347 784 757
P1282	<i>Klp67A</i>	RE52076	pFLC-I	2909	FBgn0004379	<i>KIF18A</i>	ENSG00000121621	Pvull: 3736 2512 1798 1449 1347 784 121
P1283	<i>RpIIIc53</i>	RE52148	pFLC-I	1560	FBgn0036775	<i>POLR3D</i>	ENSG00000168495	Pvull: 3736 2512 1347 1081 784 677 261
P1284	<i>CG1142</i>	RE53636	pFLC-I	920	FBgn0037504	<i>DNTTIP2</i>	ENSG00000067334	Pvull: 3736 2512 1347 911 784 468
P1285	<i>mRpS10</i>	RE54409	pFLC-I	734	FBgn0038307	<i>MRPS10</i>	ENSG00000048544	Pvull: 3736 2512 1347 1193 784
P1286	<i>mys</i>	RE55238	pFLC-I	4056	FBgn0004657	<i>ITGB1</i>	ENSG00000150093	Pvull: 3736 2512 2319 1347 1116 784 412 348 252 68
P1287	<i>PRL-1</i>	RE55984	pFLC-I	3167	FBgn0024734	<i>PTP4A1</i>	ENSG00000112245	Pvull: 3736 2512 1622 1347 1088 916 784
P1288	<i>CG2124</i>	RE57138	pFLC-I	2793	FBgn0030217	<i>FASTKD5</i>	ENSG00000215251	Pvull: 3736 2512 1347 1338 1107 784 440 207 93 67
P1289	<i>CG10359</i>	RE57309	pFLC-I	1700	FBgn0035452	<i>ANGPTL2</i>	ENSG00000136859	Pvull: 3736 2512 1347 796 784 738 625
P1290	<i>Trf</i>	RE61442	pFLC-I	1007	FBgn0010287	<i>TBPL2</i>	ENSG00000182521	Pvull: 3736 2512 1466 1347 784
P1291	<i>CG1463</i>	RE61595	pFLC-I	1918	FBgn0030406	<i>ZNHIT6</i>	ENSG00000117174	Pvull: 3736 2512 1543 1347 834 784
P1292	<i>Surf4</i>	RE62265	pFLC-I	1664	FBgn0019925	<i>SURF4</i>	ENSG00000148248	Pvull: 3736 2512 1347 1237 886 784
P1293	<i>Alg2</i>	RE67594	pFLC-I	1483	FBgn0035401	<i>ALG2</i>	ENSG00000119523	Pvull: 3736 2512 1347 1281 784 441 220
P1294	<i>CG3792</i>	RE68138	pFLC-I	1185	FBgn0031662	<i>MPDU1</i>	ENSG00000129255	Pvull: 3736 2512 1347 1117 784 527
P1295	<i>Pabp2</i>	RE69521	pFLC-I	1399	FBgn0005648	<i>PABPN1L</i>	ENSG00000205022	Pvull: 3736 2512 1858 1347 784
P1296	<i>Golgin84</i>	RE70149	pFLC-I	1813	FBgn0039188	<i>GOLGA5</i>	ENSG00000066455	Pvull: 3736 2512 1347 1182 1090 784
P1297	<i>CG5828</i>	RE73673	pFLC-I	1435	FBgn0031682	<i>PANK4</i>	ENSG00000157881	Pvull: 3736 2512 1347 1052 842 784
P1298	<i>Chchd2</i>	RE73921	pFLC-I	976	FBgn0260747	<i>CHCHD10</i>	ENSG00000250479	Pvull: 3736 2512 1435 1347 784
P1299	<i>Taf10</i>	RE73934	pFLC-I	655	FBgn0028398	<i>TAF10</i>	ENSG00000166337	Pvull: 3736 2512 1347 784 674 236 204
P1300	<i>Mal-A3</i>	RE74287	pFLC-I	1803	FBgn0002571	<i>SLC3A1</i>	ENSG00000138079	Pvull: 3736 2512 1347 784 620 517 376 288 238 223
P1301	<i>Pcmt</i>	RE74472	pFLC-I	965	FBgn0086768	<i>PCMT1</i>	ENSG00000120265	Pvull: 3736 2512 1347 809 784 615
P1302	<i>RpLP0</i>	RE74511	pFLC-I	1277	FBgn0000100	<i>RPLP0</i>	ENSG00000089157	Pvull: 3736 2512 1347 784 610 584 542
P1303	<i>CG4854</i>	RE74560	pFLC-I	1238	FBgn0038766	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 1347 784 736 510 451
P1304	<i>UbcD2</i>	RE74673	pFLC-I	1644	FBgn0015320	<i>UBE2E2</i>	ENSG00000182247	Pvull: 3736 2512 2103 1347 784
P1305	<i>Rack1</i>	RE74715	pFLC-I	1155	FBgn0020618	<i>RACK1</i>	ENSG00000204628	Pvull: 3736 2512 1614 1347 784
P1306	<i>CG14687</i>	RE74890	pFLC-I	761	FBgn0037835	<i>CABYR</i>	ENSG00000154040	Pvull: 3736 2512 1347 1220 784
P1307	<i>CG8738</i>	RH01162	pFLC-I	1644	FBgn0033321	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 783 568 534 485 427 111
P1308	<i>CG13077</i>	RH01238	pFLC-I	1165	FBgn0032810	<i>CYB561D2</i>	ENSG00000114395	Pvull: 3736 2512 1347 919 783 727
P1309	<i>mRpL52</i>	RH01479	pFLC-I	576	FBgn0033208	<i>MRPL52</i>	ENSG00000172590	Pvull: 3736 2512 1347 806 783 251
P1310	<i>CG6870</i>	RH01575	pFLC-I	860	FBgn0032652	<i>CYB5B</i>	ENSG00000103018	Pvull: 3736 2512 1347 1341 783
P1311	<i>CG18467</i>	RH01588	pFLC-I	1170	FBgn0034218	<i>GID8</i>	ENSG00000101193	Pvull: 3736 2512 1651 1347 783
P1312	<i>RpL18</i>	RH01814	pFLC-I	737	FBgn0035753	<i>RPL18</i>	ENSG00000063177	Pvull: 3736 2512 1347 813 783 405
P1313	<i>Ccz1</i>	RH02365	pFLC-I	1547	FBgn0035470	<i>CCZ1</i>	ENSG00000122674	Pvull: 3736 2512 2028 1347 783
P1314	<i>Mpk2</i>	RH02445	pFLC-I	1463	FBgn0015765	<i>MAPK11</i>	ENSG00000185386	Pvull: 3736 2512 1389 1347 783 555
P1315	<i>CG9394</i>	RH02475	pFLC-I	2329	FBgn0034588	<i>GPCPD1</i>	ENSG00000125772	Pvull: 3736 2512 1347 1220 1194 783 396

P1316	<i>CanB</i>	RH02643	pFLC-I	1235	FBgn0010014	<i>WDR92</i>	ENSG00000243667	Pvull: 3736 2512 1347 960 783 756
P1317	<i>CG14407</i>	RH03087	pFLC-I	683	FBgn0030584	<i>GLRX5</i>	ENSG00000182512	Pvull: 3736 2512 1347 1164 783
P1318	<i>levy</i>	RH03295	pFLC-I	505	FBgn0034877	<i>COX6A2</i>	ENSG00000156885	Pvull: 3736 2512 1347 986 783
P1319	<i>Npc2h</i>	RH04252	pFLC-I	609	FBgn0039801	<i>NPC2</i>	ENSG00000119655	Pvull: 3736 2512 1347 1090 783
P1320	<i>Arp1</i>	RH04757	pFLC-I	1498	FBgn0011745	<i>ACTC1</i>	ENSG00000159251	Pvull: 3736 2512 1979 1347 783
P1321	<i>se</i>	RH04924	pFLC-I	835	FBgn0086348	<i>GSTO1</i>	ENSG00000148834	Pvull: 3736 2512 1347 833 783 483
P1322	<i>Gnmt</i>	RH06404	pFLC-I	1005	FBgn0038074	<i>GNMT</i>	ENSG00000124713	Pvull: 3736 2512 1486 1347 783
P1323	<i>Ance-3</i>	RH06639	pFLC-I	2995	FBgn0032536	<i>ACE</i>	ENSG00000159640	Pvull: 3736 2512 1978 1498 1347 783
P1324	<i>CG3061</i>	RH07106	pFLC-I	1982	FBgn0038195	<i>DNAJC18</i>	ENSG00000170464	Pvull: 3736 2512 2463 1347 783
P1325	<i>RpS16</i>	RH07540	pFLC-I	596	FBgn0034743	<i>RPS16</i>	ENSG00000105193	Pvull: 3736 2512 1347 1077 783
P1326	<i>CG3939</i>	RH07711	pFLC-I	748	FBgn0040396	<i>TXNDC17</i>	ENSG00000129235	Pvull: 3736 2512 1347 783 627 391 211
P1327	<i>TpnC41C</i>	RH07835	pFLC-I	747	FBgn0013348	<i>CALM3</i>	ENSG00000160014	Pvull: 3736 2512 1347 1228 783
P1328	<i>RpS30</i>	RH08962	pFLC-I	547	FBgn0038834	<i>FAU</i>	ENSG00000149806	Pvull: 3736 2512 1347 783 768 260
P1329	<i>CG15916</i>	RH08992	pFLC-I	965	FBgn0030704	<i>RBFA</i>	ENSG00000101546	Pvull: 3736 2512 1446 1347 783
P1330	<i>CG14591</i>	RH09039	pFLC-I	1743	FBgn0033054	<i>TMEM164</i>	ENSG00000157600	Pvull: 3736 2512 1892 1347 783 332
P1331	<i>CG3603</i>	RH09070	pFLC-I	860	FBgn0029648	<i>CBR4</i>	ENSG00000145439	Pvull: 3736 2512 1347 1341 783
P1332	<i>mRpS6</i>	RH10862	pFLC-I	639	FBgn0035534	<i>MRPS6</i>	ENSG00000243927	Pvull: 3736 2512 1347 885 783 219 16
P1333	<i>Scgalpha</i>	RH11377	pFLC-I	1668	FBgn0032013	<i>SGCA</i>	ENSG00000108823	Pvull: 3736 2512 1347 898 825 783 426
P1334	<i>CG18528</i>	RH13838	pFLC-I	1677	FBgn0039189	<i>GTPBP3</i>	ENSG00000130299	Pvull: 3736 2512 1347 1272 783 458 203 141 84
P1335	<i>mAChR-B</i>	RH14214	pFLC-I	4839	FBgn0037546	<i>ADRB1</i>	ENSG00000043591	Pvull: 3736 3601 2512 1347 899 820 783
P1336	<i>Vps25</i>	RH14578	pFLC-I	692	FBgn0022027	<i>VPS25</i>	ENSG00000131475	Pvull: 3736 2512 1347 808 783 365
P1337	<i>CG33178</i>	RH14671	pFLC-I	600	FBgn0053178	<i>PTGES</i>	ENSG00000148344	Pvull: 3736 2512 1347 1081 783
P1338	<i>Fps85D</i>	RH14840	pFLC-I	4972	FBgn0000723	<i>FES</i>	ENSG00000182511	Pvull: 3736 2512 2365 2262 1347 826 783
P1339	<i>CG9743</i>	RH14937	pFLC-I	1746	FBgn0039756	<i>SCD5</i>	ENSG00000145284	Pvull: 3736 2512 1601 1347 783 626
P1340	<i>Vamp7</i>	RH15778	pFLC-I	1117	FBgn0266186	<i>YKT6</i>	ENSG00000106636	Pvull: 3736 2512 1598 1347 783
P1341	<i>CG32500</i>	RH16335	pFLC-I	1055	FBgn0052500	<i>NFU1</i>	ENSG00000169599	Pvull: 3736 2512 1536 1347 783
P1342	<i>CG14881</i>	RH16768	pFLC-I	1044	FBgn0038425	<i>ARMC7</i>	ENSG00000125449	Pvull: 3736 2512 1347 793 783 701 31
P1343	<i>Gbeta5</i>	RH17413	pFLC-I	1564	FBgn0030011	<i>GNB5</i>	ENSG00000069966	Pvull: 3736 2512 1347 1143 783 507 395
P1344	<i>CG16756</i>	RH17440	pFLC-I	536	FBgn0029765	<i>LYZ</i>	ENSG00000090382	Pvull: 3736 2512 1347 1017 783
P1345	<i>ND-18</i>	RH17496	pFLC-I	782	FBgn0031021	<i>NDUFS4</i>	ENSG00000164258	Pvull: 3736 2512 1347 894 783 226 143
P1346	<i>l(3)neo18</i>	RH17657	pFLC-I	813	FBgn0011455	<i>NDUFB5</i>	ENSG00000136521	Pvull: 3736 2512 1347 896 783 208 190
P1347	<i>CG8066</i>	RH18694	pFLC-I	1154	FBgn0038243	<i>CST11</i>	ENSG00000125831	Pvull: 3736 2512 1347 1213 783 269 153
P1348	<i>mRpL14</i>	RH18819	pFLC-I	656	FBgn0040389	<i>MRPL14</i>	ENSG00000180992	Pvull: 3736 2512 1347 1137 783
P1349	<i>Pa1</i>	RH21749	pFLC-I	1643	FBgn0030294	<i>PAGR1</i>	ENSG00000280789	Pvull: 3736 2512 2124 1347 783
P1350	<i>CG12025</i>	RH22148	pFLC-I	1232	FBgn0035285	<i>TMEM134</i>	ENSG00000172663	Pvull: 3736 2512 1713 1347 783
P1351	<i>CG2065</i>	RH23455	pFLC-I	1219	FBgn0033204	<i>RDH12</i>	ENSG00000139988	Pvull: 3736 2512 1347 1183 783 517
P1352	<i>path</i>	RH24992	pFLC-I	2117	FBgn0036007	<i>SLC36A1</i>	ENSG00000123643	Pvull: 3736 2598 2512 1347 783
P1353	<i>scf</i>	RH25118	pFLC-I	1668	FBgn0025682	<i>CALU</i>	ENSG00000128595	Pvull: 3736 2512 1678 1347 783 471
P1354	<i>Pal2</i>	RH26041	pFLC-I	1999	FBgn0262728	<i>PAM</i>	ENSG00000145730	Pvull: 3736 2512 2480 1347 783
P1355	<i>CG5104</i>	RH26504	pFLC-I	1137	FBgn0037009	<i>SFT2D2</i>	ENSG00000213064	Pvull: 3736 2512 1618 1347 783
P1356	<i>snRNP-U1-C</i>	RH29440	pFLC-I	703	FBgn0261792	<i>SNRPC</i>	ENSG00000124562	Pvull: 3736 2512 1347 1184 783
P1357	<i>CG17378</i>	RH29724	pFLC-I	3151	FBgn0031858	<i>KIAA0513</i>	ENSG00000135709	Pvull: 3736 2512 2289 1347 1343 783
P1358	<i>CG14414</i>	RH31482	pFLC-I	787	FBgn0030571	<i>RBM18</i>	ENSG00000119446	Pvull: 3736 2512 1347 1268 783
P1360	<i>CG10646</i>	RH33377	pFLC-I	1408	FBgn0036292	<i>EIPR1</i>	ENSG00000032389	Pvull: 3736 2512 1347 1269 783 620
P1361	<i>CG3999</i>	RH34107	pFLC-I	3210	FBgn0037801	<i>GLDC</i>	ENSG00000178445	Pvull: 3736 2768 2512 1347 923 783
P1362	<i>CG11267</i>	RH34413	pFLC-I	601	FBgn0036334	<i>HSPE1</i>	ENSG00000115541	verified by sequencing
P1363	<i>Trs33</i>	RH37427	pFLC-I	628	FBgn0266722	<i>TRAPPC6B</i>	ENSG00000182400	Pvull: 3736 2512 1347 783 487 389 233
P1364	<i>CG4017</i>	RH39904	pFLC-I	1629	FBgn0032143	<i>CPB2</i>	ENSG00000080618	Pvull: 3736 2512 1347 1292 818 783

P1365	<i>Bet1</i>	RH40423	pFLC-I	649	FBgn0260857	<i>BET1L</i>	ENSG00000177951	Pvull: 3736 2512 1347 783 747 383
P1366	<i>CG9676</i>	RH40504	pFLC-I	982	FBgn0030773	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 795 783 668
P1367	<i>CG11123</i>	RH42110	pFLC-I	2151	FBgn0033169	<i>NOP9</i>	ENSG00000196943	Pvull: 3736 2512 1436 1347 823 783 373
P1368	<i>KFase</i>	RH42281	pFLC-I	1019	FBgn0031821	<i>AFMID</i>	ENSG00000183077	Pvull: 3736 2512 1347 847 783 653
P1369	<i>Jon25Biii</i>	RH42519	pFLC-I	842	FBgn0031653	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1323 783
P1370	<i>CG9399</i>	RH42520	pFLC-I	1025	FBgn0037715	<i>MPC2</i>	ENSG00000143158	Pvull: 3736 2512 1347 783 651 631 224
P1371	<i>mRpL9</i>	RH43654	pFLC-I	805	FBgn0038319	<i>MRPL9</i>	ENSG00000143436	Pvull: 3736 2512 1347 1286 783
P1372	<i>mRpS9</i>	RH44312	pFLC-I	1313	FBgn0037529	<i>MRPS9</i>	ENSG00000135972	Pvull: 3736 2512 1347 828 783 624 174 168
P1373	<i>UQCR-14</i>	RH44664	pFLC-I	484	FBgn0030733	<i>UQCRB</i>	ENSG00000156467	Pvull: 3736 2512 1347 965 783
P1374	<i>CG17065</i>	RH44722	pFLC-I	1573	FBgn0031099	<i>AMDHD2</i>	ENSG00000162066	Pvull: 3736 2512 1347 932 789 783 333
P1375	<i>CG15385</i>	RH44874	pFLC-I	2652	FBgn0031397	<i>PXYLP1</i>	ENSG00000155893	Pvull: 3736 2512 1347 1288 783 665 315 309 293 263
P1376	<i>Ak6</i>	RH47329	pFLC-I	748	FBgn0033754	<i>AK6</i>	ENSG00000085231	Pvull: 3736 2512 1347 1229 783
P1377	<i>SPH93</i>	RH50269	pFLC-I	1598	FBgn0032638	<i>ANXA7</i>	ENSG00000138279	verified by sequencing
P1378	<i>Arpc5</i>	RH48239	pFLC-I	801	FBgn0031437	<i>ARPC5</i>	ENSG00000162704	Pvull: 3736 2512 1347 893 783 389
P1379	<i>Tango14</i>	RH48586	pFLC-I	1271	FBgn0031312	<i>NUS1</i>	ENSG00000153989	Pvull: 3736 2512 1347 887 865 783
P1380	<i>AIMP3</i>	RH48588	pFLC-I	737	FBgn0050185	<i>EEF1E1</i>	ENSG00000124802	Pvull: 3736 2512 1347 888 783 330
P1381	<i>CoVb</i>	RH49324	pFLC-I	585	FBgn0031830	<i>COX5B</i>	ENSG00000135940	Pvull: 3736 2512 1347 783 664 402
P1382	<i>HINT1</i>	RH49748	pFLC-I	560	FBgn0031459	<i>HINT1</i>	ENSG00000169567	Pvull: 3736 2512 1347 1041 783
P1383	<i>Nf-YB</i>	RH50436	pFLC-I	934	FBgn0032816	<i>POLE3</i>	ENSG00000148229	Pvull: 3736 2512 1415 1347 783
P1384	<i>CG30503</i>	RH50933	pFLC-I	756	FBgn0050503	<i>PLA2G2E</i>	ENSG00000188784	verified by sequencing
P1385	<i>ND-B14.7</i>	RH51452	pFLC-I	726	FBgn0034576	<i>TIMM22</i>	ENSG00000177370	Pvull: 3736 2512 1347 966 783 241
P1386	<i>yellow-c</i>	RH54244	pFLC-I	1539	FBgn0041713	<i>DPM3</i>	ENSG00000179085	Pvull: 3736 2512 1347 1300 783 720
P1387	<i>CG12344</i>	RH55021	pFLC-I	2861	FBgn0033558	<i>GABRR3</i>	ENSG00000183185	Pvull: 3736 2512 2363 1347 979 783
P1388	<i>elF4E-6</i>	RH55324	pFLC-I	694	FBgn0039622	<i>EIF4E</i>	ENSG00000151247	Pvull: 3736 2512 1347 1175 783
P1389	<i>Gapdh2</i>	RH55882	pFLC-I	1458	FBgn0001092	<i>GAPDH</i>	ENSG00000111640	Pvull: 3736 2512 1939 1347 783
P1390	<i>by</i>	RH56077	pFLC-I	3012	FBgn0000244	<i>TNS1</i>	ENSG00000079308	Pvull: 3736 2512 1617 1347 1104 783 772
P1391	<i>CG7322</i>	RH57257	pFLC-I	896	FBgn0030968	<i>DECR2</i>	ENSG00000242612	Pvull: 3736 2512 1347 956 783 421
P1392	<i>cag</i>	RH58567	pFLC-I	885	FBgn0017414	<i>TIGD4</i>	ENSG00000169989	Pvull: 3736 2512 1347 918 783 448
P1393	<i>CG12374</i>	RH58587	pFLC-I	1480	FBgn0033774	<i>CPB2</i>	ENSG00000080618	Pvull: 3736 2512 1611 1347 783 350
P1394	<i>inaD</i>	RH58949	pFLC-I	2312	FBgn0001263	<i>TJP3</i>	ENSG00000105289	Pvull: 3736 2793 2512 1347 783
P1395	<i>ATPsyn-d</i>	RH59211	pFLC-I	712	FBgn0016120	<i>ATP5H</i>	ENSG00000167863	Pvull: 3736 2512 1347 783 752 441
P1396	<i>spidey</i>	RH59310	pFLC-I	1759	FBgn0029975	<i>HSDL1</i>	ENSG00000103160	Pvull: 3736 2512 1536 1347 783 704
P1397	<i>Syngt</i>	RH60941	pFLC-I	2726	FBgn0033876	<i>SYNGR2</i>	ENSG00000108639	Pvull: 3736 2512 1623 1347 1164 783 420
P1398	<i>Vhl</i>	RH61560	pFLC-I	961	FBgn0041174	<i>VHLL</i>	ENSG00000189030	Pvull: 3736 2512 1347 783 612 401 164 156 109
P1399	<i>CG14022</i>	RH62365	pFLC-I	660	FBgn0031700	<i>ACYP2</i>	ENSG00000170634	Pvull: 3736 2512 1347 1141 783
P1400	<i>PrBP</i>	RH62806	pFLC-I	1153	FBgn0032059	<i>PDE6D</i>	ENSG00000156973	Pvull: 3736 2512 1401 1347 783 233
P1401	<i>sn</i>	RH62992	pFLC-I	2336	FBgn0003447	<i>FSCN2</i>	ENSG00000186765	Pvull: 3736 2512 1361 1347 783 739 717
P1402	<i>CG14868</i>	RH63657	pFLC-I	1853	FBgn0038330	<i>CCDC149</i>	ENSG00000181982	Pvull: 3736 2512 1347 867 783 588 330 276 273
P1403	<i>CG14777</i>	RH63812	pFLC-I	870	FBgn0026872	<i>MPV17</i>	ENSG00000115204	Pvull: 3736 2512 1351 1347 783
P1404	<i>CG14618</i>	RH65902	pFLC-I	1194	FBgn0031189	<i>TRMT10A</i>	ENSG00000145331	Pvull: 3736 2512 1675 1347 783
P1405	<i>Srp19</i>	RH65975	pFLC-I	649	FBgn0015298	<i>SRP19</i>	ENSG00000153037	Pvull: 3736 2512 1347 783 577 466 87
P1406	<i>CG11858</i>	RH66629	pFLC-I	504	FBgn0039305	<i>PIN4</i>	ENSG00000102309	Pvull: 3736 2512 1347 985 783
P1407	<i>Yip1d1</i>	RH67967	pFLC-I	1219	FBgn0032465	<i>YIPF7</i>	ENSG00000177752	Pvull: 3736 2512 1347 783 670 545 485
P1408	<i>CG4908</i>	RH68195	pFLC-I	1717	FBgn0032195	<i>BCS1L</i>	ENSG00000074582	Pvull: 3736 2512 1347 1113 1085 783
P1409	<i>Scamp</i>	RH68403	pFLC-I	2415	FBgn0040285	<i>SCAMP2</i>	ENSG00000140497	Pvull: 3736 2512 1347 1123 1074 783 489 210
P1410	<i>bbx</i>	RH69145	pFLC-I	3381	FBgn0024251	<i>BBX</i>	ENSG00000114439	Pvull: 3736 2512 2109 1347 1023 783 730
P1411	<i>CG17572</i>	RH69521	pFLC-I	1359	FBgn0032753	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1215 783 625
P1412	<i>Prx2540-2</i>	RH69586	pFLC-I	870	FBgn0033518	<i>PRDX6</i>	ENSG00000117592	Pvull: 3736 2512 1347 783 782 569

P1413	<i>Vta1</i>	RH70193	pFLC-I	1293	FBgn0035251	<i>VTA1</i>	ENSG00000009844	Pvull: 3736 2512 1347 901 873 783
P1414	<i>Elongin-C</i>	RH71704	pFLC-I	561	FBgn0266711	<i>ELOC</i>	ENSG00000154582	Pvull: 3736 2512 1347 1042 783
P1415	<i>Prosbeta4</i>	RH72196	pFLC-I	792	FBgn0032596	<i>PSMB2</i>	ENSG00000126067	Pvull: 3736 2512 1347 1273 783
P1416	<i>frtz</i>	RH72421	pFLC-I	3629	FBgn0086698	<i>WDPCP</i>	ENSG00000143951	Pvull: 3736 2512 1347 1307 979 783 652 485 426 261
P1417	<i>Cys</i>	RH72992	pFLC-I	465	FBgn0004629	<i>CST11</i>	ENSG00000125831	Pvull: 3736 2512 1347 946 783
P1418	<i>CG4598</i>	RH73277	pFLC-I	996	FBgn0032160	<i>ECI1</i>	ENSG00000167969	Pvull: 3736 2512 1347 783 723 300 236 218
P1419	<i>LSm7</i>	RH73529	pFLC-I	712	FBgn0261068	<i>LSM7</i>	ENSG00000130332	Pvull:3736 2512 1347 1193 783
P1420	<i>Sms</i>	RH73632	pFLC-I	2017	FBgn0036272	<i>SMS</i>	ENSG00000102172	Pvull: 3736 2512 1347 974 861 783 408 243 12
P1421	<i>YL-1</i>	RH74174	pFLC-I	1236	FBgn0032321	<i>VPS72</i>	ENSG00000163159	Pvull: 3736 2512 1347 1239 783 381 97
P1423	<i>Invadolysin</i>	RH66426	pFLC-I	3593	FBgn0086359	<i>LMLN</i>	ENSG00000185621	Pvull: 4074 3736 2512 1347 783
P1424	<i>Mcm7</i>	RE04406	pFLC-I	2474	FBgn0020633	<i>MCM7</i>	ENSG00000166508	Pvull: 3736 2512 1421 1347 1059 784 283 170
P1425	<i>CG14995</i>	RE06837	pFLC-I	3058	FBgn0035497	<i>C21orf2</i>	ENSG00000160226	Pvull: 3736 2674 2512 1347 843 784
P1426	<i>slim</i>	RE08517	pFLC-I	3105	FBgn0261477	<i>KLHDC10</i>	ENSG00000128607	Pvull: 3736 2512 1577 1347 1147 784 535 305
P1427	<i>hrg</i>	RE09914	pFLC-I	3608	FBgn0015949	<i>PAPOLG</i>	ENSG00000115421	Pvull: 3736 2512 1347 1254 1105 784 765 630 313
P1428	<i>Pdi</i>	RE10429	pFLC-I	2090	FBgn0014002	<i>P4HB</i>	ENSG00000185624	Pvull: 3736 2512 1347 1089 784 558 452 429 21
P1429	<i>bap</i>	RE13967	pFLC-I	1468	FBgn0004862	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2512 1347 1171 784 750 6
P1430	<i>CG5174</i>	RE18604	pFLC-I	1484	FBgn0034345	<i>TPD52L1</i>	ENSG00000111907	Pvull: 3736 2512 1943 1347 784
P1431	<i>CG9297</i>	RE20510	pFLC-I	4077	FBgn0038181	<i>SRL</i>	ENSG00000185739	Pvull: 3736 2567 2512 1969 1347 784
P1432	<i>CG12746</i>	RE23632	pFLC-I	1353	FBgn0037341	<i>PLPP4</i>	ENSG00000203805	Pvull: 3736 2512 1347 1015 797 784
P1433	<i>MFS16</i>	RE26973	pFLC-I	2336	FBgn0034611	<i>SLC37A1</i>	ENSG00000160190	Pvull: 3736 2795 2512 1347 784
P1434	<i>CanB2</i>	RE27048	pFLC-I	1085	FBgn0015614	<i>WDR92</i>	ENSG00000243667	Pvull: 3736 2512 1544 1347 784
P1435	<i>Syb</i>	RE28766	pFLC-I	1140	FBgn0003660	<i>YKT6</i>	ENSG00000106636	Pvull: 3736 2512 1347 1023 784 576
P1436	<i>ReepA</i>	RE29641	pFLC-I	2567	FBgn0261564	<i>REEP5</i>	ENSG00000129625	Pvull: 3736 2512 1990 1347 1036 784
P1437	<i>Ef1gamma</i>	RE32823	pFLC-I	1731	FBgn0029176	<i>EEF1G</i>	ENSG00000254772	Pvull: 3736 2512 1677 1347 784 513
P1438	<i>gammaCop</i>	RE37840	pFLC-I	3293	FBgn0028968	<i>COPG2</i>	ENSG00000158623	Pvull: 3736 2512 2369 1383 1347 784
P1439	<i>CaMKI</i>	RE39750	pFLC-I	2204	FBgn0016126	<i>PNCK</i>	ENSG00000130822	Pvull: 3736 2663 2512 1347 784
P1440	<i>Mlp84B</i>	RE40142	pFLC-I	2411	FBgn0014863	<i>LHX3</i>	ENSG00000107187	Pvull: 3736 2512 1513 1347 784 759 598
P1441	<i>CG8708</i>	RE41083	pFLC-I	1685	FBgn0033271	<i>C1GALT1</i>	ENSG00000106392	Pvull: 3736 2512 2144 1347 784
P1442	<i>RpS17</i>	RE44119	pFLC-I	543	FBgn0005533	<i>RPS17</i>	ENSG00000182774	Pvull: 3736 2512 1347 1002 784
P1443	<i>RpS27A</i>	RE44350	pFLC-I	1358	FBgn0003942	<i>RPS27A</i>	ENSG00000143947	Pvull: 3736 2512 1347 816 784 680 321
P1444	<i>Syx6</i>	RE48509	pFLC-I	1997	FBgn0037084	<i>STX10</i>	ENSG00000104915	Pvull: 3736 2512 2456 1347 784
P1445	<i>CG13284</i>	RE48687	pFLC-I	1330	FBgn0032614	<i>HSDL1</i>	ENSG00000103160	Pvull: 3736 2512 1347 784 681 638 470
P1446	<i>Crc</i>	RE50082	pFLC-I	1438	FBgn0005585	<i>CALR</i>	ENSG00000179218	Pvull: 3736 2512 1347 1100 797 784
P1447	<i>Hsl</i>	RE52776	pFLC-I	3535	FBgn0034491	<i>LIPE</i>	ENSG00000079435	Pvull: 3736 2512 1851 1347 913 784 697 461 72
P1448	<i>GC</i>	RE52814	pFLC-I	2685	FBgn0035245	<i>GGCX</i>	ENSG00000115486	Pvull: 3736 2512 2330 1347 784 711 103
P1449	<i>Npc2g</i>	RE56164	pFLC-I	614	FBgn0039800	<i>NPC2</i>	ENSG00000119655	Pvull: 3736 2512 1347 1073 784
P1450	<i>UbcD6</i>	RE56673	pFLC-I	2186	FBgn0004436	<i>UBE2B</i>	ENSG00000119048	Pvull: 3736 2512 1888 1347 784 757
P1451	<i>CG13599</i>	RE56765	pFLC-I	1062	FBgn0039128	<i>MAD2L1BP</i>	ENSG00000124688	Pvull: 3736 2512 1347 881 784 640
P1452	<i>fu12</i>	RE57703	pFLC-I	1627	FBgn0026718	<i>AGPAT2</i>	ENSG00000169692	Pvull: 3736 2512 1347 1307 784 779
P1453	<i>CG2765</i>	RE58929	pFLC-I	2322	FBgn0035087	<i>THRSP</i>	ENSG00000151365	Pvull: 3736 2512 1895 1347 886 784
P1454	<i>MAN1</i>	RE60089	pFLC-I	2260	FBgn0034962	<i>LEMD3</i>	ENSG00000174106	Pvull: 3736 2512 1799 1347 784 557 291 72
P1455	<i>aru</i>	RE61916	pFLC-I	2918	FBgn0029095	<i>EPS8L3</i>	ENSG00000198758	Pvull: 3736 2512 1347 1279 1127 784 695 276
P1456	<i>Tace</i>	RE65757	pFLC-I	2381	FBgn0039734	<i>ADAM17</i>	ENSG00000151694	Pvull: 3736 2840 2512 1347 784
P1457	<i>ave</i>	RE67675	pFLC-I	558	FBgn0050476	<i>SAMD10</i>	ENSG00000130590	Pvull: 3736 2512 1347 1017 784
P1458	<i>CG31460</i>	RE67710	pFLC-I	553	FBgn0051460	<i>KRTCAP2</i>	ENSG00000163463	Pvull: 3736 2512 1347 784 679 333
P1459	<i>LRR</i>	RE68846	pFLC-I	3048	FBgn0033212	<i>CARMIL1</i>	ENSG00000079691	Pvull: 3736 2639 2512 1347 784 567 301
P1460	<i>SLC22A</i>	RE69557	pFLC-I	2096	FBgn0037140	<i>SLC22A10</i>	ENSG00000184999	Pvull: 3736 2512 1993 1347 784 562
P1461	<i>Pex13</i>	RE69884	pFLC-I	1778	FBgn0033812	<i>PEX13</i>	ENSG00000162928	Pvull: 3736 2512 1752 1347 784 485

P1462	<i>Oga</i>	RE69909	pFLC-I	3426	FBgn0038870	<i>MGEA5</i>	ENSG00000198408	Pvull: 3885 3736 2512 1347 784
P1463	<i>wun</i>	RE70417	pFLC-I	2039	FBgn0016078	<i>PLPP2</i>	ENSG00000141934	Pvull: 3736 2512 1347 1322 1176 784
P1464	<i>CG45050</i>	RE70963	pFLC-I	1842	FBgn0266410	<i>ZFAND6</i>	ENSG00000086666	Pvull: 3736 2512 1873 1347 784 428
P1465	<i>CG5033</i>	RE74146	pFLC-I	2581	FBgn0028744	<i>BOP1</i>	ENSG00000261236	Pvull: 3736 2512 2486 1347 784 554
P1466	<i>Sar1</i>	RE74312	pFLC-I	1512	FBgn0038947	<i>PPA1</i>	ENSG00000180817	Pvull: 3736 2512 1971 1347 784
P1467	<i>Jheh1</i>	RH03631	pFLC-I	1525	FBgn0010053	<i>EPHX1</i>	ENSG00000143819	Pvull: 3736 2512 2006 1347 783
P1468	<i>CG30002</i>	RH07111	pFLC-I	1645	FBgn0260474	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1242 884 783
P1469	<i>ATPsyn-Cf6</i>	RH08870	pFLC-I	539	FBgn0016119	<i>ATP5J</i>	ENSG00000154723	Pvull: 3736 2512 1347 783 399 366 255
P1470	<i>CG4797</i>	RH09188	pFLC-I	2122	FBgn0034909	<i>SLC2A7</i>	ENSG00000197241	Pvull: 3736 2512 1347 1263 783 725 615
P1471	<i>CG12170</i>	RH10820	pFLC-I	1438	FBgn0037356	<i>OXSM</i>	ENSG00000151093	Pvull: 3736 2512 1347 902 783 473 346 198
P1472	<i>Inos</i>	RH12920	pFLC-I	1991	FBgn0025885	<i>ISYNA1</i>	ENSG00000105655	Pvull: 3736 2512 1347 803 783 621 595 453
P1473	<i>Rpl118</i>	RH21608	pFLC-I	553	FBgn0003275	<i>POLR2F</i>	ENSG00000100142	Pvull: 3736 2512 1347 1034 783
P1474	<i>CG31548</i>	RH24570	pFLC-I	962	FBgn0051548	<i>CBR4</i>	ENSG00000145439	Pvull: 3736 2512 1443 1347 783
P1475	<i>croc</i>	RH24787	pFLC-I	2367	FBgn0014143	<i>FOXD4L1</i>	ENSG00000184492	Pvull: 3736 2512 1939 1347 900 783 9
P1476	<i>Aplip1</i>	RH26053	pFLC-I	2291	FBgn0040281	<i>MAPK8IP2</i>	ENSG00000008735	Pvull: 3736 2512 1347 975 783 466 418 353 344 216
P1477	<i>fabp</i>	RH46282	pFLC-I	1042	FBgn0037913	<i>FABP2</i>	ENSG00000145384	Pvull: 3736 2512 1523 1347 783
P1478	<i>Pop2</i>	RH51274	pFLC-I	1802	FBgn0036239	<i>CNOT8</i>	ENSG00000155508	Pvull: 3736 2512 1347 973 854 783 456
P1479	<i>CG8360</i>	RH58379	pFLC-I	650	FBgn0032001	<i>MAGED1</i>	ENSG00000179222	Pvull: 3736 2512 1347 1131 783
P1480	<i>vps2</i>	RH72336	pFLC-I	1176	FBgn0039402	<i>CHMP2A</i>	ENSG00000130724	Pvull: 3736 2512 1347 824 783 647 186
P1481	<i>Pect</i>	RE62261	pFLC-I	2184	FBgn0032482	<i>PCYT2</i>	ENSG00000185813	Pvull: 3736 2512 1618 1347 1025 784
P1482	<i>RpL39</i>	RH27094	pFLC-I	310	FBgn0023170	<i>RPL39</i>	ENSG00000198918	Pvull: 3736 2512 1347 791 783
P1483	<i>Acbp5</i>	RE05521	pFLC-I	350	FBgn0035926	<i>METTL23</i>	ENSG00000181038	Pvull: 3736 2512 1347 809 784
P1484	<i>Acbp4</i>	RE33457	pFLC-I	365	FBgn0035742	<i>METTL23</i>	ENSG00000181038	Pvull: 3736 2512 1347 824 784
P1485	<i>IM33</i>	RH05411	pFLC-I	366	FBgn0031561	<i>EPPIN-WFDC6</i>	ENSG00000249139	Pvull: 3736 2512 1347 847 783
P1486	<i>CG6610</i>	RE60135	pFLC-I	415	FBgn0035675	<i>SNRPD3</i>	ENSG00000100028	Pvull: 3736 2512 1347 874 784
P1487	<i>RpL38</i>	RE42506	pFLC-I	416	FBgn0040007	<i>RPL38</i>	ENSG00000172809	Pvull: 3736 2512 1347 875 784
P1488	<i>Neb-cGP</i>	RE31692	pFLC-I	417	FBgn0083167	<i>USMG5</i>	ENSG00000173915	Pvull: 3736 2512 1347 876 784
P1489	<i>mRpS21</i>	RE23482	pFLC-I	423	FBgn0044511	<i>MRPS21</i>	ENSG00000266472	Pvull: 3736 2512 1347 882 784
P1490	<i>Dbi</i>	RH39533	pFLC-I	428	FBgn0010387	<i>METTL23</i>	ENSG00000181038	Pvull: 3736 2512 1347 783 566 343
P1491	<i>CG9344</i>	RE43665	pFLC-I	490	FBgn0034564	<i>LSM6</i>	ENSG00000164167	Pvull: 3736 2512 1347 784 503 446
P1492	<i>CG14818</i>	RE09176	pFLC-I	493	FBgn0026088	<i>C9orf16</i>	ENSG00000171159	Pvull: 3736 2512 1347 784 585 367
P1493	<i>CG32267</i>	RH17559	pFLC-I	534	FBgn0052267	<i>TOMM5</i>	ENSG00000175768	Pvull: 3736 2512 1347 1015 783
P1494	<i>robl</i>	RE64145	pFLC-I	541	FBgn0024196	<i>DYNLRB1</i>	ENSG00000125971	Pvull: 3736 2512 1347 784 571 429
P1495	<i>CG6878</i>	RH56103	pFLC-I	548	FBgn0036488	<i>ROMO1</i>	ENSG00000125995	Pvull: 3736 2512 1347 1029 783
P1496	<i>CG12384</i>	RH17411	pFLC-I	597	FBgn0033624	<i>DAP</i>	ENSG00000112977	Pvull: 3736 2512 1347 1078 783
P1497	<i>CG7646</i>	RH69723	pFLC-I	614	FBgn0036926	<i>HPCAL1</i>	ENSG00000115756	Pvull: 3736 2512 1347 783 564 531
P1498	<i>CG11825</i>	RE25483	pFLC-I	633	FBgn0033519	<i>HIGD2B</i>	ENSG00000175202	verified by sequencing
P1499	<i>CG8343</i>	RH54371	pFLC-I	648	FBgn0040502	<i>COLEC11</i>	ENSG00000118004	Pvull: 3736 2512 1347 795 783 334
P1500	<i>CG42308</i>	RE60462	pFLC-I	648	FBgn0259204	<i>C12orf73</i>	ENSG00000204954	Pvull: 3736 2512 1347 916 784 191
P1501	<i>Sec61gamma</i>	RE69515	pFLC-I	680	FBgn0031049	<i>SEC61G</i>	ENSG00000132432	Pvull: 3736 2512 1347 1139 784
P1502	<i>EMRE</i>	RE55001	pFLC-I	705	FBgn0062440	<i>SMDT1</i>	ENSG00000183172	Pvull: 3736 2512 1347 959 784 205
P1503	<i>CG14812</i>	RE59545	pFLC-I	716	FBgn0026090	<i>LAMTOR5</i>	ENSG00000134248	Pvull: 3736 2512 1347 1175 784
P1504	<i>CG18081</i>	RE63284	pFLC-I	735	FBgn0036537	<i>ZNF706</i>	ENSG00000120963	Pvull: 3736 2512 1347 803 784 391
P1505	<i>AP-2sigma</i>	RE35245	pFLC-I	743	FBgn0043012	<i>AP2S1</i>	ENSG00000042753	Pvull: 3736 2512 1347 784 686 516
P1506	<i>RpL32</i>	RE59709	pFLC-I	762	FBgn0002626	<i>RPL32</i>	ENSG00000144713	Pvull: 3736 2512 1347 792 784 429
P1507	<i>RpL10Ab</i>	RE06042	pFLC-I	775	FBgn0036213	<i>RPL10A</i>	ENSG00000198755	Pvull: 3736 2512 1347 1234 784
P1508	<i>cni</i>	RE07818	pFLC-I	824	FBgn0000339	<i>CNIH2</i>	ENSG00000174871	Pvull: 3736 2512 1347 1283 784
P1509	<i>Srp9</i>	RE23260	pFLC-I	835	FBgn0035827	<i>SRP9</i>	ENSG00000143742	Pvull: 3736 2512 1347 1294 784

P1510	<i>epsilonTry</i>	RE09036	pFLC-I	843	FBgn0010425	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1302 784
P1511	<i>CG32276</i>	RE27904	pFLC-I	878	FBgn0047135	<i>SERP2</i>	ENSG00000151778	Pvull: 3736 2512 1347 1337 784
P1512	<i>CG6951</i>	RE06943	pFLC-I	888	FBgn0036959	<i>DCTD</i>	ENSG00000129187	Pvull: 3736 2512 1347 1347 784
P1513	<i>CG31648</i>	RE57459	pFLC-I	907	FBgn0051648	<i>COX11</i>	ENSG00000166260	Pvull: 3736 2512 1366 1347 784
P1514	<i>cerv</i>	RE46906	pFLC-I	970	FBgn0030657	<i>NSMCE2</i>	ENSG00000156831	Pvull: 3736 2512 1429 1347 784
P1515	<i>CG2911</i>	RE24848	pFLC-I	991	FBgn0037350	<i>DNAJC24</i>	ENSG00000170946	Pvull: 3736 2512 1450 1347 784
P1516	<i>RpS4</i>	RE57333	pFLC-I	992	FBgn0011284	<i>RPS4Y2</i>	ENSG00000280969	Pvull: 3736 2512 1347 784 764 687
P1517	<i>CG18609</i>	RE06553	pFLC-I	995	FBgn0034382	<i>CBR4</i>	ENSG00000145439	verified by sequencing
P1518	<i>P5cr-2</i>	RE58687	pFLC-I	1000	FBgn0038516	<i>PYCR2</i>	ENSG00000143811	Pvull: 3736 2512 1459 1347 784
P1519	<i>UbcD10</i>	RE47264	pFLC-I	1012	FBgn0026316	<i>UBE2L3</i>	ENSG00000185651	Pvull: 3736 2512 1471 1347 784
P1520	<i>zetaCOP</i>	RE70427	pFLC-I	1032	FBgn0040512	<i>COPZ2</i>	ENSG00000005243	Pvull: 3736 2512 1491 1347 784
P1521	<i>GMF</i>	RE40543	pFLC-I	1039	FBgn0028894	<i>GMFG</i>	ENSG00000130755	Pvull: 3736 2512 1498 1347 784
P1522	<i>Ntmt</i>	RE34459	pFLC-I	1054	FBgn0033457	<i>NTMT1</i>	ENSG00000148335	Pvull: 3736 2512 1347 884 784 629
P1523	<i>P5cr</i>	RH63285	pFLC-I	1150	FBgn0015781	<i>PYCR2</i>	ENSG00000143811	Pvull: 3736 2512 1410 1347 783 221
P1524	<i>Crk</i>	RE60886	pFLC-I	1219	FBgn0024811	<i>CRK</i>	ENSG00000167193	Pvull: 3736 2512 1347 1232 784 446
P1525	<i>Adh</i>	RH54514	pFLC-I	1247	FBgn0000055	<i>DECR2</i>	ENSG00000242612	Pvull: 3736 2512 1347 974 783 754
P1526	<i>PGRP-LB</i>	RE34140	pFLC-I	1271	FBgn0037906	<i>PGLYRP4</i>	ENSG00000163218	Pvull: 3736 2512 1347 838 784 465 308 119
P1527	<i>Had1</i>	RH68464	pFLC-I	1287	FBgn0030737	<i>CRYL1</i>	ENSG00000165475	Pvull: 3736 2512 1347 1163 783 605
P1528	<i>Fkbp14</i>	RE40519	pFLC-I	1314	FBgn0010470	<i>FKBP6</i>	ENSG00000077800	Pvull: 3736 2512 1347 984 784 648 141
P1529	<i>SCCRO4</i>	RE34983	pFLC-I	1327	FBgn0036967	<i>DCUN1D4</i>	ENSG00000109184	Pvull: 3736 2512 1786 1347 784
P1530	<i>Smyd5</i>	RE75113	pFLC-I	1328	FBgn0038869	<i>SMYD5</i>	ENSG00000135632	Pvull: 3736 2512 1787 1347 784
P1531	<i>CG2076</i>	RH72958	pFLC-I	1335	FBgn0030263	<i>GHITM</i>	ENSG00000165678	Pvull: 3736 2512 1347 1337 783 479
P1532	<i>beta4GalNAcTB</i>	RE31995	pFLC-I	1365	FBgn0039625	<i>B4GALT3</i>	ENSG00000158850	Pvull: 3736 2512 1347 1136 784 643 45
P1533	<i>TfIIIB</i>	RE29729	pFLC-I	1425	FBgn0004915	<i>GTF2B</i>	ENSG00000137947	verified by sequencing
P1534	<i>ea</i>	RE55124	pFLC-I	1444	FBgn0000533	<i>KLK9</i>	ENSG00000213022	Pvull: 3736 2512 1347 1248 784 655
P1535	<i>CG33695</i>	RE16648	pFLC-I	1472	FBgn0052831	<i>C17orf49</i>	ENSG00000258315	Pvull: 3736 2512 1347 1199 784 420 312
P1536	<i>CG6910</i>	RH44796	pFLC-I	1556	FBgn0036262	<i>MIOX</i>	ENSG00000100253	Pvull: 3736 2512 2037 1347 783
P1537	<i>CG14621</i>	RE05288	pFLC-I	1558	FBgn0031183	<i>SLC35E4</i>	ENSG00000100036	Pvull: 3736 2512 1458 1347 784 559
P1538	<i>CG1116</i>	RH52122	pFLC-I	1573	FBgn0037297	<i>RGP1</i>	ENSG00000107185	Pvull: 3736 2512 1347 946 783 682 426
P1539	<i>Ccm3</i>	RE18871	pFLC-I	1601	FBgn0038331	<i>PDCD10</i>	ENSG00000114209	Pvull: 3736 2512 2060 1347 784
P1540	<i>sna</i>	RE35237	pFLC-I	1677	FBgn0003448	<i>SNAI1</i>	ENSG00000124216	Pvull: 3736 2512 2136 1347 784
P1541	<i>Adgf-D</i>	RH02379	pFLC-I	1684	FBgn0038172	<i>ADA2</i>	ENSG00000093072	Pvull: 3736 2512 1347 859 783 480 439 387
P1542	<i>CG17562</i>	RE20520	pFLC-I	1687	FBgn0038449	<i>FAR1</i>	ENSG00000197601	verified by sequencing
P1543	<i>CG7650</i>	RH54247	pFLC-I	1698	FBgn0036519	<i>PDC</i>	ENSG00000116703	Pvull: 3736 2512 2179 1347 783
P1544	<i>CG40228</i>	RE67573	pFLC-I	1709	FBgn0063670	<i>ELOF1</i>	ENSG00000130165	verified by sequencing
P1545	<i>Spt-I</i>	RE58623	pFLC-I	1783	FBgn0086532	<i>SPTLC2</i>	ENSG00000100596	Pvull: 3736 2512 1347 942 877 784 423
P1546	<i>Shmt</i>	RH67089	pFLC-I	2013	FBgn0029823	<i>SHMT1</i>	ENSG00000176974	verified by sequencing
P1547	<i>wkd</i>	RE26521	pFLC-I	2082	FBgn0037917	<i>TBC1D10A</i>	ENSG00000099992	verified by sequencing
P1548	<i>Usp12-46</i>	RE52890	pFLC-I	2230	FBgn0039025	<i>USP46</i>	ENSG00000109189	Supplemental Table S1.
P1549	<i>CG4611</i>	RE45108	pFLC-I	2257	FBgn0035591	<i>ATP5J2-PTCD1</i>	ENSG00000248919	Pvull: 3736 2512 1347 1138 1029 784 329 220
P1550	<i>CG11089</i>	RE29555	pFLC-I	2265	FBgn0039241	<i>ATIC</i>	ENSG00000138363	Pvull: 3736 2512 1347 844 816 784 587 369 108
P1551	<i>CG12206</i>	RE48393	pFLC-I	2430	FBgn0029662	<i>GRXCR2</i>	ENSG00000204928	Pvull: 3736 2512 1347 1126 784 781 553 429
P1552	<i>jdp</i>	RH55663	pFLC-I	2483	FBgn0027654	<i>DNAJC12</i>	ENSG00000108176	verified by sequencing
P1553	<i>ND75</i>	RE66734	pFLC-I	2608	FBgn0017566	<i>NDUFS1</i>	ENSG00000023228	Pvull: 3736 2512 1807 1347 1069 784 191
P1554	<i>Usf</i>	RH36157	pFLC-I	2753	FBgn0029711	<i>USF1</i>	ENSG00000158773	Pvull: 3736 2512 1383 1347 1148 783 316 263 106 18
P1555	<i>Tg</i>	RE08173	pFLC-I	2810	FBgn0031975	<i>TGM1</i>	ENSG00000092295	Pvull: 3736 2512 1736 1347 784 776 499 258
P1556	<i>Vha16-1</i>	RH30178	pFLC-I	2812	FBgn0262736	<i>ATP6VOC</i>	ENSG00000185883	verified by sequencing
P1557	<i>Atg9</i>	RE14003	pFLC-I	2846	FBgn0034110	<i>ATG9B</i>	ENSG00000181652	verified by sequencing

P1558	<i>oaf</i>	RE25030	pFLC-I	2853	FBgn0011818	<i>OAF</i>	ENSG00000184232	Pvull: 3736 2512 2035 1347 784 503 436 338
P1559	<i>Tmem63</i>	RE44586	pFLC-I	2878	FBgn0033259	<i>TMEM63B</i>	ENSG00000137216	Pvull: 3736 3337 2512 1347 784
P1560	<i>Gat</i>	RE30213	pFLC-I	2909	FBgn0039915	<i>SLC6A1</i>	ENSG00000157103	Pvull: 3736 3368 2512 1347 784
P1561	<i>Rm62</i>	RE11923	pFLC-I	3012	FBgn0003261	<i>DDX42</i>	ENSG00000198231	Pvull: 3736 3471 2512 1347 784
P1562	<i>GLS</i>	RH48555	pFLC-I	3018	FBgn0261625	<i>GLS2</i>	ENSG00000135423	Pvull: 3736 2512 1474 1347 937 783 566 522
P1563	<i>Ptx1</i>	RE41906	pFLC-I	3039	FBgn0020912	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 3498 2512 1347 784
P1564	<i>comt</i>	RE33604	pFLC-I	3128	FBgn0000346	<i>NSF</i>	ENSG00000073969	Pvull: 3736 2512 2063 1347 1176 784 348
P1565	<i>Ubx</i>	RE43738	pFLC-I	3133	FBgn0003944	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 3341 2512 1347 784 251
P1566	<i>CG6686</i>	RE11167	pFLC-I	3172	FBgn0032388	<i>SART1</i>	ENSG00000175467	Pvull: 3736 2512 2394 1347 1237 784
P1567	<i>GluRIIA</i>	RE27895	pFLC-I	3277	FBgn0004620	<i>GRIN3B</i>	ENSG00000116032	Pvull: 3736 2755 2512 1347 981 784
P1568	<i>dbo</i>	RE13447	pFLC-I	3361	FBgn0040230	<i>KLHL4</i>	ENSG00000102271	Pvull: 3736 2512 1696 1347 1026 784 754 344
P1569	<i>Lap1</i>	RE64484	pFLC-I	3841	FBgn0033984	<i>LRRRC7</i>	ENSG00000033122	Pvull: 3736 2512 1684 1347 1024 843 784 749
P1570	<i>Wnt5</i>	RE25179	pFLC-I	3864	FBgn0010194	<i>WNT16</i>	ENSG00000002745	Pvull: 3736 2512 1754 1662 1347 784 528 379
P1571	<i>oys</i>	RE60277	pFLC-I	3865	FBgn0033476	<i>MBOAT1</i>	ENSG00000172197	Pvull: 3736 2512 2246 2078 1347 784
P1572	<i>CG5087</i>	RE40614	pFLC-I	3960	FBgn0035953	<i>UBE3C</i>	ENSG00000009335	Pvull: 3736 2894 2512 1347 1001 784 524
P1573	<i>dally</i>	RH21780	pFLC-I	4497	FBgn0263930	<i>GPC6</i>	ENSG00000183098	Pvull: 3736 2589 2512 1615 1347 783 774
P1574	<i>Nos</i>	RE15336	pFLC-I	4718	FBgn0011676	<i>CYP4F3</i>	ENSG00000186529	Pvull: 4095 3736 2512 1347 784 705 377
P1575	<i>hop</i>	RH47993	pFLC-I	4844	FBgn0004864	<i>JAK1</i>	ENSG00000162434	Pvull: 3736 2512 1347 1269 1113 1089 1074 783 603 102 51 24
P1576	<i>EcR</i>	RE33854	pFLC-I	5961	FBgn0000546	<i>NR1H3</i>	ENSG00000025434	Pvull: 3736 3545 2512 2389 1347 784 486
P1577	<i>plexB</i>	RE22882	pFLC-I	6742	FBgn0025740	<i>PLXNA4</i>	ENSG00000221866	Pvull: 4439 3736 2512 1965 1347 797 784
P1578	<i>mus301</i>	RE48845	pFLC-I	3373	FBgn0002899	<i>HELQ</i>	ENSG00000163312	Pvull: 3736 2875 2512 1347 957 784
P1579	<i>Cog7</i>	RE01016	pFLC-I	2356	FBgn0051040	<i>COG7</i>	ENSG00000168434	Pvull: 3736 2512 1347 1179 784 522 363 358 159 126 108
P1580	<i>SpdS</i>	RE01362	pFLC-I	1484	FBgn0037723	<i>AASS</i>	ENSG00000008311	Pvull: 3736 2512 1943 1347 784
P1581	<i>cysu</i>	RE01856	pFLC-I	3091	FBgn0038511	<i>PXDN</i>	ENSG00000130508	Pvull: 3736 2512 1777 1773 1347 784
P1582	<i>RpL10</i>	RE02339	pFLC-I	767	FBgn0024733	<i>RPL10L</i>	ENSG00000165496	Pvull: 3736 2512 1347 823 784 403
P1583	<i>CG3558</i>	RE04229	pFLC-I	4223	FBgn0025681	<i>FAM160A2</i>	ENSG00000051009	Pvull: 3736 2512 2094 1347 1251 1184 784 111 42
P1584	<i>Marf</i>	RE04414	pFLC-I	3627	FBgn0029870	<i>MFN1</i>	ENSG00000171109	Pvull: 3736 2512 2088 1347 1071 784 368 366 193
P1585	<i>Parp</i>	RE04933	pFLC-I	3126	FBgn0010247	<i>PARP1</i>	ENSG00000143799	Pvull: 3736 2512 2458 1347 1127 784
P1586	<i>mtSSB</i>	RE09167	pFLC-I	583	FBgn0010438	<i>SSBP1</i>	ENSG00000106028	Pvull: 3736 2512 1347 784 698 344
P1587	<i>Mgstl</i>	RE10696	pFLC-I	674	FBgn0025814	<i>PTGES</i>	ENSG00000148344	Pvull: 3736 2512 1347 1133 784
P1588	<i>Stat92E</i>	RE13194	pFLC-I	3890	FBgn0016917	<i>STAT5A</i>	ENSG00000126561	Pvull: 3736 2512 2084 1347 784 642 640 530 252 201
P1589	<i>CG33217</i>	RE15216	pFLC-I	2237	FBgn0053217	<i>PELP1</i>	ENSG00000141456	Pvull: 3736 2696 2512 1347 784
P1590	<i>CG11584</i>	RE15373	pFLC-I	2252	FBgn0030541	<i>MAP6D1</i>	ENSG00000180834	Pvull: 3736 2512 1657 1347 821 784 233
P1591	<i>CG16890</i>	RE15376	pFLC-I	1246	FBgn0028932	<i>FRA10AC1</i>	ENSG00000148690	Pvull: 3736 2512 1347 978 784 588 139
P1592	<i>ems</i>	RE15812	pFLC-I	2491	FBgn0000576	<i>EMX2</i>	ENSG00000170370	Pvull: 3736 2512 1586 1347 833 784 411 120
P1593	<i>CG8097</i>	RE16047	pFLC-I	1684	FBgn0030660	<i>DALRD3</i>	ENSG00000178149	Pvull: 3736 2512 2143 1347 784
P1594	<i>msl-1</i>	RE18093	pFLC-I	3776	FBgn0005617	<i>MSL1</i>	ENSG00000188895	Pvull: 3736 2512 1347 1342 1119 784 712 444 343 275
P1595	<i>Sec61beta</i>	RE18615	pFLC-I	833	FBgn0010638	<i>SEC61B</i>	ENSG00000106803	Pvull: 3736 2512 1347 1292 784
P1596	<i>pns</i>	RE18773	pFLC-I	5617	FBgn0035229	<i>DENND5B</i>	ENSG00000170456	Pvull: 3736 2512 1347 1260 1246 1066 784 750 631 390 270 263 200
P1597	<i>CG33253</i>	RE19958	pFLC-I	1745	FBgn0030992	<i>STOM</i>	ENSG00000148175	Pvull: 3736 2512 1347 1286 894 784 24
P1598	<i>CG6733</i>	RE20374	pFLC-I	1306	FBgn0039052	<i>PM20D1</i>	ENSG00000162877	Pvull: 3736 2512 1765 1347 784
P1599	<i>CG10470</i>	RE20389	pFLC-I	711	FBgn0032746	<i>TMCO1</i>	ENSG00000143183	Pvull: 3736 2512 1347 784 620 550
P1600	<i>isoQC</i>	RE20516	pFLC-I	1989	FBgn0036999	<i>QPCTL</i>	ENSG00000011478	Pvull: 3736 2512 2448 1347 784
P1601	<i>neur</i>	RE20876	pFLC-I	3396	FBgn0002932	<i>RNF26</i>	ENSG00000173456	Pvull: 3736 2512 1854 1347 1089 784 534 225 81 37 35
P1602	<i>Trim9</i>	RE22018	pFLC-I	3120	FBgn0051721	<i>TRIM9</i>	ENSG00000100505	Pvull: 3736 2512 2069 1347 784 743 583 184
P1603	<i>CG10669</i>	RE19438	pFLC-I	3324	FBgn0039329	<i>ZNF99</i>	ENSG00000213973	verified by sequencing
P1604	<i>Epg5</i>	RE22982	pFLC-I	3756	FBgn0038651	<i>EPG5</i>	ENSG00000152223	Pvull: 3736 2512 1695 1347 1305 784 636 579
P1605	<i>Miro</i>	RE22983	pFLC-I	3744	FBgn0039140	<i>RHOT2</i>	ENSG00000140983	Pvull: 3736 3152 2512 1347 1051 784

P1606	<i>RpL30</i>	RE25263	pFLC-I	473	FBgn0086710	<i>RPL30</i>	ENSG00000156482	Pvull: 3736 2512 1347 932 784
P1607	<i>DNApol-alpha50</i>	RE26079	pFLC-I	1578	FBgn0011762	<i>PRIM1</i>	ENSG00000198056	Pvull: 3736 2512 2037 1347 784
P1608	<i>qkr58E-2</i>	RE27549	pFLC-I	2680	FBgn0022985	<i>KHDRBS2</i>	ENSG00000112232	Pvull: 3736 2512 1851 1347 1206 784 82
P1609	<i>mute</i>	RE27864	pFLC-I	3346	FBgn0085444	<i>GON4L</i>	ENSG00000116580	Pvull: 3736 2512 2116 1689 1347 784
P1610	<i>D19A</i>	RE29310	pFLC-I	3246	FBgn0022935	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 2186 1347 784 762 483 202 72
P1611	<i>CG4078</i>	RE31401	pFLC-I	3325	FBgn0029798	<i>RTEL1</i>	ENSG00000258366	Pvull: 3736 2512 2318 1466 1347 784
P1612	<i>CG43338</i>	RE31991	pFLC-I	2643	FBgn0263079	<i>CCDC170</i>	ENSG00000120262	Pvull: 3736 2512 1347 1182 784 744 612 564
P1613	<i>RpS14a</i>	RE34379	pFLC-I	603	FBgn0004403	<i>RPS14</i>	ENSG00000164587	Pvull: 3736 2512 1347 784 772 290
P1614	<i>NDUFA8</i>	RE35078	pFLC-I	681	FBgn0035046	<i>NDUFA8</i>	ENSG00000119421	Pvull: 3736 2512 1347 784 357 332 255 196
P1615	<i>mRpL35</i>	RE35766	pFLC-I	756	FBgn0038923	<i>MRPL35</i>	ENSG00000132313	Pvull: 3736 2512 1347 789 784 426
P1616	<i>ktub</i>	RE38560	pFLC-I	2510	FBgn0015721	<i>TULP3</i>	ENSG00000078246	Pvull: 3736 2512 1347 784 779 713 710 598 169
P1617	<i>puml</i>	RE40534	pFLC-I	1968	FBgn0033226	<i>ABHD5</i>	ENSG00000011198	Pvull: 3736 2512 2427 1347 784
P1618	<i>CG15096</i>	RE40577	pFLC-I	2064	FBgn0034394	<i>SLC17A4</i>	ENSG00000146039	Pvull: 3736 2512 1603 1347 807 784 113
P1619	<i>odd</i>	RE48009	pFLC-I	2355	FBgn0002985	<i>OSR1</i>	ENSG00000143867	Pvull: 3736 2512 2023 1347 784 448 343
P1620	<i>l(2)35Bd</i>	RE49394	pFLC-I	1780	FBgn0001974	<i>RNMT</i>	ENSG00000101654	Pvull: 3736 2512 1347 1323 784 616 300
P1621	<i>RNaseX25</i>	RE50319	pFLC-I	1673	FBgn0010406	<i>RNASET2</i>	ENSG00000026297	Pvull: 3736 2512 1753 1347 784 379
P1622	<i>Spx</i>	RE50839	pFLC-I	1647	FBgn0015818	<i>SF3B4</i>	ENSG00000143368	Pvull: 3736 2512 2106 1347 784
P1623	<i>CG2852</i>	RE50843	pFLC-I	898	FBgn0034753	<i>PPIAL4A</i>	ENSG00000263353	Pvull: 3736 2512 1347 784 694 663
P1624	<i>CG11980</i>	RE51612	pFLC-I	1192	FBgn0037652	<i>C12orf10</i>	ENSG00000139637	Pvull: 3736 2512 1651 1347 784
P1625	<i>PIG-T</i>	RE52151	pFLC-I	2560	FBgn0030035	<i>PIGT</i>	ENSG00000124155	Pvull: 3736 2512 1347 931 886 784 761 441
P1626	<i>Gs1l</i>	RE52681	pFLC-I	994	FBgn0019982	<i>RFK</i>	ENSG00000135002	Pvull: 3736 2512 1453 1347 784
P1627	<i>HGTX</i>	RE53769	pFLC-I	3030	FBgn0040318	<i>HHEX</i>	ENSG00000152804	Pvull: 3736 2585 2512 1347 886 784 18
P1628	<i>l(2)k05819</i>	RE54461	pFLC-I	4877	FBgn0022153	<i>TMEM94</i>	ENSG00000177728	Pvull: 3736 2512 2376 1347 1168 827 784 663 302
P1629	<i>fbf6</i>	RE55062	pFLC-I	3367	FBgn0033609	<i>FBXL6</i>	ENSG00000182325	Pvull: 3736 2693 2512 1347 1133 784
P1630	<i>CG31278</i>	RE57173	pFLC-I	878	FBgn0051278	<i>PDF</i>	ENSG00000258429	Pvull: 3736 2512 1347 1337 784
P1631	<i>bcn92</i>	RE57896	pFLC-I	705	FBgn0013432	<i>LYRM4</i>	ENSG00000214113	Pvull: 3736 2512 1347 1164 784
P1632	<i>Lfg</i>	RE58310	pFLC-I	1082	FBgn0025692	<i>TMBIM1</i>	ENSG00000135926	Pvull: 3736 2512 1541 1347 784
P1633	<i>Top1</i>	RE58921	pFLC-I	4266	FBgn0004924	<i>TOP1</i>	ENSG00000198900	Pvull: 3736 2512 1818 1533 1347 784 604 527 222 21
P1634	<i>Elongin-B</i>	RE59129	pFLC-I	1244	FBgn0023212	<i>ELOB</i>	ENSG00000103363	Pvull: 3736 2512 1347 878 825 784
P1635	<i>IntS10</i>	RE59992	pFLC-I	2282	FBgn0035462	<i>INTS10</i>	ENSG00000104613	Pvull: 3736 2512 1347 1314 1015 784 412
P1636	<i>Drip</i>	RE60324	pFLC-I	1784	FBgn0015872	<i>AQP2</i>	ENSG00000167580	Pvull: 3736 2512 2243 1347 784
P1637	<i>eIF2B-beta</i>	RE60807	pFLC-I	1281	FBgn0024996	<i>EIF2B2</i>	ENSG00000119718	Pvull: 3736 2512 1740 1347 784
P1638	<i>CG10081</i>	RE61138	pFLC-I	2753	FBgn0034441	<i>ERMP1</i>	ENSG00000099219	Pvull: 3736 2512 1347 968 943 784 756 545
P1639	<i>SmG</i>	RE61341	pFLC-I	494	FBgn0261791	<i>LSM7</i>	ENSG00000130332	Pvull: 3736 2512 1347 953 784
P1640	<i>sl</i>	RE62235	pFLC-I	5690	FBgn0003416	<i>PLCG2</i>	ENSG00000197943	Pvull: 3736 2673 2512 2487 1347 784 605 324 60
P1641	<i>CG42565</i>	RE62510	pFLC-I	2647	FBgn0260767	<i>CDIP1</i>	ENSG00000089486	Pvull: 3736 2512 1669 1347 974 784 463
P1642	<i>hll</i>	RE63419	pFLC-I	2217	FBgn0028519	<i>ACSBG2</i>	ENSG00000130377	Pvull: 3736 2512 2005 1347 784 671
P1643	<i>Ars2</i>	RE64037	pFLC-I	3145	FBgn0033062	<i>SRRT</i>	ENSG00000087087	Pvull: 3736 2512 2310 1347 1294 784
P1644	<i>CG18585</i>	RE64060	pFLC-I	1369	FBgn0031929	<i>CPB2</i>	ENSG00000080618	Pvull: 3736 2512 1347 1262 784 566
P1645	<i>caup</i>	RE64213	pFLC-I	4330	FBgn0015919	<i>IRX6</i>	ENSG00000159387	Pvull: 3736 2512 1948 1371 1347 1197 784 273
P1646	<i>CG8005</i>	RE64695	pFLC-I	1242	FBgn0035854	<i>DHPS</i>	ENSG00000095059	Pvull: 3736 2512 1347 1054 784 647
P1647	<i>endoB</i>	RE65748	pFLC-I	2269	FBgn0034433	<i>SH3GLB1</i>	ENSG00000097033	Pvull: 3736 2512 1620 1347 1108 784
P1648	<i>Zip102B</i>	RE66826	pFLC-I	2836	FBgn0039902	<i>SLC39A9</i>	ENSG00000029364	Pvull: 3736 2637 2512 1347 784 634 24
P1649	<i>Had2</i>	RE67096	pFLC-I	1071	FBgn0033949	<i>CRYL1</i>	ENSG00000165475	Pvull: 3736 2512 1347 785 784 479 266
P1650	<i>CG7246</i>	RE67794	pFLC-I	2045	FBgn0030081	<i>UTP6</i>	ENSG00000108651	Pvull: 3736 2512 1448 1347 784 667 389
P1651	<i>CG31251</i>	RE67940	pFLC-I	1072	FBgn0051251	<i>NUDCD3</i>	ENSG00000015676	Pvull: 3736 2512 1531 1347 784
P1652	<i>Bet3</i>	RE68712	pFLC-I	1127	FBgn0260859	<i>TRAPPC3</i>	ENSG00000054116	Pvull: 3736 2512 1347 787 784 402 297 100
P1653	<i>Ef1alpha100E</i>	RE68984	pFLC-I	2659	FBgn0000557	<i>EEF1A2</i>	ENSG00000101210	Pvull: 3736 3118 2512 1347 784

P1654	<i>mod(r)</i>	RE69619	pFLC-I	1385	FBgn0016038	<i>VPS37A</i>	ENSG00000155975	Pvull: 3736 2512 1347 1169 784 675
P1655	<i>CG13001</i>	RE69682	pFLC-I	1793	FBgn0030806	<i>ZC4H2</i>	ENSG00000126970	Pvull: 3736 2512 1347 1299 944 784 9
P1656	<i>CG33932</i>	RE70209	pFLC-I	1257	FBgn0066303	<i>TMEM203</i>	ENSG00000187713	Pvull: 3736 2512 1347 1121 784 595
P1657	<i>Ugt86De</i>	RE70280	pFLC-I	1751	FBgn0040255	<i>UGT1A9</i>	ENSG00000241119	Pvull: 3736 2512 2210 1347 784
P1658	<i>CG31855</i>	RE70574	pFLC-I	1053	FBgn0051855	<i>DDA1</i>	ENSG00000130311	Pvull: 3736 2512 1347 1080 784 432
P1659	<i>Ada1-2</i>	RE72529	pFLC-I	1094	FBgn0051866	<i>TADA1</i>	ENSG00000152382	verified by sequencing
P1660	<i>Hlc</i>	RE72861	pFLC-I	2123	FBgn0001565	<i>DDX56</i>	ENSG00000136271	Pvull: 3736 2512 1999 1347 784 349 234
P1661	<i>Mal-A1</i>	RE72980	pFLC-I	1838	FBgn0002570	<i>SLC3A1</i>	ENSG00000138079	Pvull: 3736 2512 1347 1201 784 695 217 184
P1662	<i>CG32625</i>	RE73017	pFLC-I	602	FBgn0052625	<i>GTSF1</i>	ENSG00000170627	Pvull: 3736 2512 1347 1061 784
P1663	<i>RpL9</i>	RE74350	pFLC-I	776	FBgn0015756	<i>RPL9</i>	ENSG00000163682	Pvull: 3736 2512 1347 1235 784
P1664	<i>tobi</i>	RE74917	pFLC-I	2111	FBgn0261575	<i>MYORG</i>	ENSG00000164976	Pvull: 3736 2512 1489 1347 811 784 270
P1665	<i>CG11357</i>	RE75106	pFLC-I	2693	FBgn0035558	<i>B3GNT2</i>	ENSG00000170340	Pvull: 3736 2512 1754 1353 1347 784 45
P1666	<i>CG7409</i>	RH03891	pFLC-I	799	FBgn0035817	<i>HSPB8</i>	ENSG00000152137	Pvull: 3736 2512 1347 1280 783
P1667	<i>eIF-3p66</i>	RH04128	pFLC-I	2020	FBgn0040227	<i>EIF3D</i>	ENSG00000100353	Pvull: 3736 2512 2501 1347 783
P1668	<i>CG13369</i>	RH09469	pFLC-I	1182	FBgn0025640	<i>RBKS</i>	ENSG00000171174	Pvull: 3736 2512 1347 829 783 678 156
P1669	<i>Cyp6a2</i>	RH09818	pFLC-I	1690	FBgn0000473	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 1644 1347 783 527
P1670	<i>CG5038</i>	RH18934	pFLC-I	2744	FBgn0038324	<i>TMTC4</i>	ENSG00000125247	Pvull: 3736 3225 2512 1347 783
P1671	<i>Fer1</i>	RH30329	pFLC-I	1451	FBgn0037475	<i>NHLH2</i>	ENSG00000177551	Pvull: 3736 2512 1932 1347 783
P1672	<i>Kal1</i>	RH39295	pFLC-I	2010	FBgn0039155	<i>ANOS1</i>	ENSG00000011201	Pvull: 3736 2512 1869 1347 783 622
P1673	<i>PpV</i>	RH43074	pFLC-I	1680	FBgn0003139	<i>PPP2CA</i>	ENSG00000113575	Pvull: 3736 2512 1347 1157 783 525 479
P1674	<i>SdhC</i>	RH44771	pFLC-I	673	FBgn0037873	<i>SDHC</i>	ENSG00000143252	Pvull: 3736 2512 1347 783 569 450 135
P1675	<i>CG3566</i>	RH45308	pFLC-I	1578	FBgn0029854	<i>CYB5B</i>	ENSG00000103018	Pvull: 3736 2512 1570 1347 783 489
P1676	<i>RpS20</i>	RH47995	pFLC-I	542	FBgn0019936	<i>RPS20</i>	ENSG00000008988	Pvull: 3736 2512 1347 1023 783
P1677	<i>Amy-d</i>	RH48856	pFLC-I	1618	FBgn0000078	<i>AMY1A</i>	ENSG00000237763	Pvull: 3736 2512 1347 1077 1022 783
P1678	<i>CG10257</i>	RH51312	pFLC-I	1180	FBgn0033985	<i>FAIM</i>	ENSG00000158234	Pvull: 3736 2512 1661 1347 783
P1679	<i>CG14231</i>	RH52954	pFLC-I	1897	FBgn0031060	<i>OSGEPL1</i>	ENSG00000128694	verified by sequencing
P1680	<i>Pdh</i>	RH58615	pFLC-I	972	FBgn0011693	<i>DECR2</i>	ENSG00000242612	Pvull: 3736 2512 1453 1347 783
P1681	<i>CG3176</i>	RH59219	pFLC-I	534	FBgn0029524	<i>SIVA1</i>	ENSG00000184990	verified by sequencing
P1682	<i>NHP2</i>	RH66170	pFLC-I	682	FBgn0029148	<i>SNU13</i>	ENSG00000100138	Pvull: 3736 2512 1347 1163 783
P1683	<i>RpL14</i>	RH72463	pFLC-I	652	FBgn0017579	<i>RPL14</i>	ENSG00000188846	Pvull: 3736 2512 1347 1133 783
P1684	<i>Upf2</i>	RE04053	pFLC-I	5070	FBgn0029992	<i>UPF2</i>	ENSG00000151461	Pvull: 3736 2512 2082 1437 1347 866 784 715 303 120 6
P1685	<i>stumps</i>	RE42507	pFLC-I	4693	FBgn0020299	<i>BANK1</i>	ENSG00000153064	Pvull: 3736 2512 2166 1347 1301 987 784 446 252
P1686	<i>Shal</i>	RE45089	pFLC-I	2612	FBgn0005564	<i>KCND1</i>	ENSG00000102057	Pvull: 3736 2512 1763 1347 1308 784
P1687	<i>CG4752</i>	RH09675	pFLC-I	4013	FBgn0034733	<i>OPLAH</i>	ENSG00000178814	Pvull: 3736 2512 1347 1071 1011 783 706 597 425 415 164 105
P1688	<i>Sccpdh2</i>	RH49330	pFLC-I	1590	FBgn0038038	<i>SCCPDH</i>	ENSG00000143653	Pvull: 3736 2512 1347 783 769 765 537
P1689	<i>Kah</i>	RH55216	pFLC-I	2837	FBgn0035144	<i>SNAI1</i>	ENSG00000124216	Pvull: 3736 2719 2512 1347 783 599
P1690	<i>MED16</i>	FI01002	pFLC-I	2763	FBgn0034707	<i>MED16</i>	ENSG00000175221	Pvull: 3736 2512 1438 1347 1011 784 773
P1691	<i>Tfb4</i>	FI01003	pFLC-I	1011	FBgn0031309	<i>GTF2H3</i>	ENSG00000111358	Pvull: 3736 2512 1347 784 632 523 315
P1692	<i>MED24</i>	FI01005	pFLC-I	3213	FBgn0035851	<i>MED24</i>	ENSG00000008838	Pvull: 3736 3672 2512 1347 784
P1693	<i>Bin1</i>	FI01006	pFLC-I	679	FBgn0024491	<i>SAP18</i>	ENSG00000150459	Pvull: 3736 2512 1347 1138 784
P1694	<i>Awh</i>	FI01007	pFLC-I	2114	FBgn0013751	<i>LHX8</i>	ENSG00000162624	Pvull: 3736 2573 2512 1347 784
P1695	<i>Spt3</i>	FI01013	pFLC-I	1425	FBgn0037981	<i>SUPT3H</i>	ENSG00000196284	verified by sequencing
P1696	<i>klu</i>	FI01015	pFLC-I	3732	FBgn0013469	<i>SP3</i>	ENSG00000172845	Pvull: 3736 2647 2512 1347 891 784 653
P1697	<i>Doc1</i>	FI01016	pFLC-I	1540	FBgn0028789	<i>TBX6</i>	ENSG00000149922	Pvull: 3736 2512 1347 784 764 663 393 179
P1698	<i>CG9876</i>	FI01017	pFLC-I	1398	FBgn0034821	<i>ALX4</i>	ENSG00000052850	Pvull: 3736 2512 1857 1347 784
P1699	<i>Ets97D</i>	FI01018	pFLC-I	1876	FBgn0004510	<i>GABPA</i>	ENSG00000154727	Pvull: 3736 2512 1347 1235 1100 784
P1700	<i>Mes-4</i>	FI01019	pFLC-I	4601	FBgn0039559	<i>NSD1</i>	ENSG00000165671	Pvull: 3736 2512 1731 1409 1347 846 784 522 337 215
P1701	<i>CYLD</i>	FI01020	pFLC-I	2068	FBgn0032210	<i>CYLD</i>	ENSG00000083799	Supplemental Table S1.

P1702	<i>CrebA</i>	FI01021	pFLC-I	3201	FBgn0004396	<i>CREB3L1</i>	ENSG00000157613	Pvull: 3736 2512 1855 1347 784 739 499 471 96
P1703	<i>fu2</i>	FI01024	pFLC-I	1997	FBgn0029173	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 1869 1347 784 587
P1704	<i>CG9062</i>	FI01026	pFLC-I	3038	FBgn0033607	<i>WDR48</i>	ENSG00000114742	Pvull: 3736 2512 1347 1274 1227 784 517 309 170
P1705	<i>CG11275</i>	FI01029	pFLC-I	1681	FBgn0034706	<i>LZTR1</i>	ENSG00000099949	Pvull: 3736 2512 1347 852 783 732 290 288
P1706	<i>Mat1</i>	FI01030	pFLC-I	1236	FBgn0024956	<i>MNAT1</i>	ENSG00000020426	Pvull: 3736 2512 1347 1022 783 695
P1707	<i>CG3032</i>	FI01031	pFLC-I	1441	FBgn0029928	<i>ZNF563</i>	ENSG00000188868	Pvull: 3736 2512 1362 1347 783 416 144
P1708	<i>Ada</i>	RE18358	pFLC-I	1099	FBgn0037661	<i>NRAS</i>	ENSG00000213281	Pvull: 3736 2512 1558 1347 784
P1709	<i>CG12355</i>	RE25221	pFLC-I	1916	FBgn0040805	<i>NAT9</i>	ENSG00000109065	Pvull: 3736 2512 1970 1347 784 405
P1710	<i>CG10340</i>	RE28913	pFLC-I	934	FBgn0022344	<i>ATPAF1</i>	ENSG00000123472	Pvull: 3736 2512 1347 784 530 508 355
P1711	<i>COQ7</i>	RE45235	pFLC-I	903	FBgn0029502	<i>COQ7</i>	ENSG00000167186	Pvull: 3736 2512 1347 784 783 579
P1712	<i>Cyp1</i>	RE62690	pFLC-I	1241	FBgn0004432	<i>PPIAL4A</i>	ENSG00000263353	Pvull: 3736 2512 1700 1347 784
P1713	<i>Arr2</i>	RH02588	pFLC-I	1558	FBgn0000121	<i>ARR3</i>	ENSG00000120500	Pvull: 3736 2512 1347 1073 966 783
P1714	<i>Rab14</i>	RH10422	pFLC-I	895	FBgn0015791	<i>RAB4A</i>	ENSG00000168118	Pvull: 3736 2512 1347 789 783 529 58
P1715	<i>CG7990</i>	RH61091	pFLC-I	3078	FBgn0030997	<i>PGAP2</i>	ENSG00000148985	Pvull: 3736 2707 2512 1347 783 491 361
P1716	<i>Spn43Ab</i>	FI01422	pFLC-I	1386	FBgn0024293	<i>SERPINA7</i>	ENSG00000123561	Pvull: 3736 2512 1524 1347 784 321
P1717	<i>CG18764</i>	FI01424	pFLC-I	1351	FBgn0042205	<i>ZNF8</i>	ENSG00000278129	verified by sequencing
P1718	<i>CG3065</i>	FI01014	pFLC-I	1673	FBgn0034946	<i>SP3</i>	ENSG00000172845	Pvull: 3736 2512 2132 1347 784
P1719	<i>CG33332</i>	FI01402	pFLC-I	1308	FBgn0067629	<i>GPALPP1</i>	ENSG00000133114	Pvull: 3736 2512 1767 1347 784
P1720	<i>CG13901</i>	FI01407	pFLC-I	863	FBgn0035164	<i>DPCD</i>	ENSG00000166171	Pvull: 3736 2512 1347 1322 784
P1721	<i>Mtr3</i>	FI01414	pFLC-I	1248	FBgn0036916	<i>EXOSC4</i>	ENSG00000178896	Pvull: 3736 2512 1347 1033 784 674
P1722	<i>CG13551</i>	FI01416	pFLC-I	609	FBgn0040660	<i>MED28</i>	ENSG00000118579	Pvull: 3736 2512 1347 784 594 318 156
P1723	<i>TpnC47D</i>	FI01417	pFLC-I	626	FBgn0010423	<i>CALM3</i>	ENSG00000160014	Pvull: 3736 2512 1347 784 474 467 144
P1724	<i>CG5189</i>	FI01425	pFLC-I	713	FBgn0034350	<i>LAMTOR2</i>	ENSG00000116586	verified by sequencing
P1725	<i>CG14500</i>	FI01427	pFLC-I	692	FBgn0034318	<i>COLEC11</i>	ENSG00000118004	Pvull: 3736 2512 1347 1151 784
P1726	<i>CG10395</i>	FI01442	pFLC-I	1422	FBgn0033019	<i>INO80B</i>	ENSG00000115274	Pvull: 3736 2512 1881 1347 784
P1727	<i>thetaTry</i>	FI01445	pFLC-I	1058	FBgn0011555	<i>TMPRSS11D</i>	ENSG00000153802	Pvull: 3736 2512 1517 1347 784
P1728	<i>CG5254</i>	FI01447	pFLC-I	1250	FBgn0040383	<i>SLC25A21</i>	ENSG00000183032	Pvull: 3736 2512 1493 1347 784 216
P1729	<i>Cyp6a21</i>	FI01452	pFLC-I	1652	FBgn0033981	<i>CYP51A1</i>	ENSG00000001630	Pvull: 3736 2512 2133 1347 783
P1730	<i>awd</i>	FI01455	pFLC-I	651	FBgn0000150	<i>NME3</i>	ENSG00000103024	Pvull: 3736 2512 1347 1132 783
P1731	<i>Gos28</i>	FI01465	pFLC-I	905	FBgn0044871	<i>GOSR1</i>	ENSG00000108587	Pvull: 3736 2512 1386 1347 783
P1732	<i>CG4038</i>	FI01531	pFLC-I	968	FBgn0011824	<i>GAR1</i>	ENSG00000109534	Pvull: 3736 2512 1427 1347 784
P1733	<i>RpL23A</i>	FI01658	pFLC-I	1054	FBgn0026372	<i>RPL23A</i>	ENSG00000198242	Pvull: 3736 2512 1347 1152 783 383
P1734	<i>mRpL30</i>	FI01736	pFLC-I	706	FBgn0029718	<i>MRPL30</i>	ENSG00000185414	Pvull: 3736 2512 1347 1165 784
P1735	<i>pcl</i>	FI01813	pFLC-I	1318	FBgn0011822	<i>BACE2</i>	ENSG00000182240	Pvull: 3736 2512 1777 1347 784
P1736	<i>CG31300</i>	FI01822	pFLC-I	1487	FBgn0051300	<i>BRINP1</i>	ENSG00000078725	Pvull: 3736 2512 1946 1347 784
P1737	<i>O-fut1</i>	FI01906	pFLC-I	1582	FBgn0033901	<i>POFUT1</i>	ENSG00000101346	Pvull: 3736 2512 2041 1347 784
P1738	<i>NimC4</i>	FI01909	pFLC-I	1297	FBgn0260011	<i>LHX3</i>	ENSG00000107187	verified by sequencing
P1739	<i>CG17219</i>	FI02048	pFLC-I	1264	FBgn0031494	<i>METTL18</i>	ENSG00000171806	Pvull: 3736 2512 1347 1143 784 366 214
P1740	<i>SrpRbeta</i>	RE55992	pFLC-I	1014	FBgn0011509	<i>MELTF</i>	ENSG00000163975	Pvull: 3736 2512 1347 1013 784 460
P1741	<i>side-VIII</i>	RH73613	pFLC-I	3128	FBgn0086604	<i>PSG1</i>	ENSG00000231924	Pvull: 3736 2512 2161 1448 1347 783
P1742	<i>CG11155</i>	FI01405	pFLC-I	3003	FBgn0039927	<i>GRIN3B</i>	ENSG00000116032	Pvull: 3736 2512 2453 1347 1009 784
P1743	<i>CstF-64</i>	FI01908	pFLC-I	1440	FBgn0027841	<i>CSTF2</i>	ENSG00000101811	Pvull: 3736 2512 1347 858 784 559 458 24
P1744	<i>vimar</i>	FI02061	pFLC-I	3482	FBgn0022960	<i>RAP1GDS1</i>	ENSG00000138698	Pvull: 3736 2512 1638 1347 784 677 663 486 339 138
P1745	<i>fig</i>	FI02093	pFLC-I	1173	FBgn0039694	<i>PPTC7</i>	ENSG00000196850	Pvull: 3736 2512 1347 886 783 768
P1747	<i>Tsp42Ee</i>	FI02814	pFLC-I	1408	FBgn0029506	<i>CD63</i>	ENSG00000135404	Pvull: 3736 2512 1347 1284 784 583
P1748	<i>IFT46</i>	FI02828	pFLC-I	1620	FBgn0032692	<i>IFT46</i>	ENSG00000118096	Pvull: 3736 2512 1358 1347 784 376 301 44
P1749	<i>CG8111</i>	FI02857	pFLC-I	1341	FBgn0035825	<i>TMEM43</i>	ENSG00000170876	Pvull: 3736 2512 1800 1347 784
P1750	<i>DIP-zeta</i>	FI03417	pFLC-I	3459	FBgn0051708	<i>IGLN5</i>	ENSG00000142549	verified by sequencing

P1751	<i>CG3597</i>	FI02886	pFLC-I	1240	FBgn0031417	<i>DHDH</i>	ENSG00000104808	verified by sequencing
P1752	<i>CASK</i>	FI03206	pFLC-I	3990	FBgn0013759	<i>MPP6</i>	ENSG00000105926	Pvull: 4449 3736 2512 1347 784
P1753	<i>CG10361</i>	FI03238	pFLC-I	1441	FBgn0036208	<i>ALAS1</i>	ENSG00000023330	Pvull: 3736 2512 1347 784 719 556 361 240 24
P1754	<i>nclb</i>	FI03249	pFLC-I	1559	FBgn0263510	<i>PWP1</i>	ENSG00000136045	Pvull: 3736 2512 2018 1347 784
P1755	<i>Hacd2</i>	FI03286	pFLC-I	1350	FBgn0032524	<i>HACD3</i>	ENSG00000074696	Pvull: 3736 2512 1809 1347 784
P1756	<i>Cyp6a23</i>	FI03292	pFLC-I	1773	FBgn0033978	<i>CYP4F3</i>	ENSG00000186529	Pvull: 3736 2512 2232 1347 784
P1757	<i>CG17633</i>	FI04406	pFLC-I	1361	FBgn0032144	<i>CPB2</i>	ENSG00000080618	verified by sequencing
P1758	<i>SAK</i>	FI04418	pFLC-I	3384	FBgn0026371	<i>PLK1</i>	ENSG00000166851	Pvull: 3736 3297 2512 1347 784 546
P1759	<i>CDC50</i>	FI04422	pFLC-I	1262	FBgn0030752	<i>TMEM30B</i>	ENSG00000182107	Pvull: 3736 2512 1347 1046 783 697
P1760	<i>ple</i>	FI04429	pFLC-I	3137	FBgn0005626	<i>TH</i>	ENSG00000180176	Pvull: 3736 2512 2313 1347 1305 783
P1761	<i>Nuak1</i>	FI03914	pOT2	4365	FBgn0262617	<i>TSSK1B</i>	ENSG00000212122	Pstl: 5649 1938 1328 848 615 572 556 408 99 54 33
P1762	<i>Cpn</i>	FI03985	pOT2	2869	FBgn0261714	<i>AKAP5</i>	ENSG00000179841	Pstl: 5649 2132 930 909 408 387 129 60
P1763	<i>Slu7</i>	FI05206	pOT2	1897	FBgn0039626	<i>SLU7</i>	ENSG00000164609	Pstl: 5649 2007 1547 408 21
P1764	<i>CG8312</i>	FI05246	pOT2	4108	FBgn0037720	<i>PID1</i>	ENSG00000153823	Pstl: 5649 3134 1295 946 411 408
P1765	<i>CG33116</i>	FI05338	pOT2	2551	FBgn0053116	<i>SELENOI</i>	ENSG00000138018	Pstl: 5649 4229 408
P1766	<i>CG6048</i>	FI06405	pOT2	1175	FBgn0029827	<i>CLK9</i>	ENSG00000213022	Pstl: 5649 2853 408
P1767	<i>Ugt303B3</i>	FI06409	pOT2	1759	FBgn0039085	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 2405 1032 408
P1768	<i>CG16790</i>	FI06459	pOT2	1044	FBgn0037713	<i>USB1</i>	ENSG00000103005	Pstl: 5649 1945 555 408 174 48
P1769	<i>beg</i>	FI06474	pOT2	1211	FBgn0036691	<i>MCAT</i>	ENSG00000100294	Pstl: 5649 2889 408
P1770	<i>CG4603</i>	FI06476	pOT2	1470	FBgn0035593	<i>YOD1</i>	ENSG00000180667	Supplemental Table S1.
P1771	<i>CG6036</i>	FI06504	pOT2	1189	FBgn0039421	<i>PPM1N</i>	ENSG00000213889	Pstl: 5649 2380 487 408
P1772	<i>SecS</i>	FI06511	pOT2	1597	FBgn0037347	<i>SEPSECS</i>	ENSG00000109618	Pstl: 5649 2544 731 408
P1773	<i>CG4328</i>	FI06571	pOT2	1885	FBgn0036274	<i>LMX1A</i>	ENSG00000162761	Pstl: 5649 3563 408
P1774	<i>Amacr</i>	FI06578	pOT2	1357	FBgn0032881	<i>AMACR</i>	ENSG00000242110	Pstl: 5649 2604 431 408
P1775	<i>IFT43</i>	FI06584	pOT2	881	FBgn0032446	<i>IFT43</i>	ENSG00000119650	Pstl: 5649 2559 408
P1776	<i>Sc2</i>	FI06688	pOT2	1091	FBgn0035471	<i>TECRL</i>	ENSG00000205678	Pstl: 5649 2769 408
P1777	<i>Cyp6g1</i>	FI07613	pOT2	2099	FBgn0025454	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2952 825 408
P1778	<i>gsb</i>	FI07617	pOT2	1652	FBgn0001148	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 3330 408
P1779	<i>CG5608</i>	FI07645	pOT2	2275	FBgn0038058	<i>VAC14</i>	ENSG00000103043	Pstl: 5649 3205 748 408
P1780	<i>Nprl3</i>	FI07656	pOT2	2398	FBgn0036397	<i>NPRL3</i>	ENSG00000103148	Pstl: 5649 2450 520 408 374 298 258 80 51 45
P1781	<i>CG30384</i>	FI07737	pOT2	2310	FBgn0050384	<i>MYCBPAP</i>	ENSG00000136449	Pstl: 5649 2163 1825 408
P1782	<i>Rpt3</i>	GH06151	pOT2	1503	FBgn0028686	<i>PSMC1</i>	ENSG00000100764	Pstl: 5649 2487 694 408
P1783	<i>CG10588</i>	IP19817	pOT2	3255	FBgn0037037	<i>IDE</i>	ENSG00000119912	Pstl: 5649 4933 408
P1784	<i>Octbeta2R</i>	IP21062	pOT2	2619	FBgn0038063	<i>ADRB1</i>	ENSG00000043591	Pstl: 5649 4297 408
P1785	<i>IFT54</i>	IP21508	pOT2	3400	FBgn0038221	<i>TRAF3IP1</i>	ENSG00000204104	Pstl: 5649 1949 1713 942 474 408
P1786	<i>CG10384</i>	IP21806	pOT2	2536	FBgn0034731	<i>KHDRBS2</i>	ENSG00000112232	Pstl: 5649 2448 1073 693 408
P1787	<i>CG10383</i>	LD21810	pOT2	2859	FBgn0032699	<i>SERAC1</i>	ENSG00000122335	Pstl: 5649 3168 1030 408 339
P1788	<i>r</i>	LP21431	pOT2	7054	FBgn0003189	<i>CAD</i>	ENSG00000084774	Pstl: 5649 2607 2147 2025 1098 831 408 24
P1789	<i>Rchy1</i>	FI03607	pOT2	2266	FBgn0031816	<i>RCHY1</i>	ENSG00000163743	Pstl: 5649 3389 478 408 77
P1790	<i>sog</i>	FI03621	pOT2	4858	FBgn0003463	<i>CHRD</i>	ENSG00000090539	Pstl: 5649 2494 2299 909 656 408 178
P1791	<i>polybromo</i>	FI03643	pOT2	5127	FBgn0039227	<i>PBRM1</i>	ENSG00000163939	Pstl: 5649 2409 2163 1827 408 289 117
P1792	<i>CG6230</i>	FI03653	pOT2	4318	FBgn0027582	<i>ATP13A1</i>	ENSG00000105726	Pstl: 5649 5647 408 246 103
P1793	<i>CG2930</i>	FI03654	pOT2	2747	FBgn0028491	<i>SLC15A2</i>	ENSG00000163406	Pstl: 5649 2021 1187 789 408 368 60
P1794	<i>msh</i>	FI03666	pOT2	3565	FBgn0026252	<i>IPO8</i>	ENSG00000133704	Pstl: 5649 3261 1443 539 408
P1795	<i>Kap-alpha1</i>	FI03727	pOT2	2327	FBgn0024889	<i>KPNA3</i>	ENSG00000102753	Pstl: 5649 2281 1011 713 408
P1796	<i>CG31674</i>	FI03731	pOT2	1301	FBgn0051674	<i>GRHPR</i>	ENSG00000137106	Pstl: 5649 2979 408
P1797	<i>Ets98B</i>	FI03841	pOT2	2836	FBgn0005659	<i>SPDEF</i>	ENSG00000124664	Pstl: 5649 1941 1284 1019 408 237 33
P1798	<i>CG30392</i>	FI03861	pOT2	1126	FBgn0050392	<i>CPTP</i>	ENSG00000224051	Pstl: 5649 2804 408

P1799	Zw	FI05214	pOT2	2061	FBgn0004057	G6PD	ENSG00000160211	Pstl: 5649 2479 1260 408
P1800	CG1622	FI05227	pOT2	1674	FBgn0030468	PRPF38B	ENSG00000134186	Pstl: 5649 3352 408
P1801	Hsp60	FI05241	pOT2	2417	FBgn0015245	HSPD1	ENSG00000144381	Pstl: 5649 1722 1473 900 408
P1802	smo	FI05257	pOT2	3999	FBgn0003444	FZD1	ENSG00000157240	Pstl: 5649 2764 2295 537 408 81
P1803	ik2	FI05319	pOT2	2457	FBgn0086657	TBK1	ENSG00000183735	Pstl: 5649 4135 408
P1804	Ing3	FI05329	pOT2	2282	FBgn0030945	ING3	ENSG00000071243	Pstl: 5649 2444 875 408 406 235
P1805	Oseg1	FI05482	pOT2	3746	FBgn0265102	IFT122	ENSG00000163913	Pstl: 5649 2254 1695 941 452 408 82
P1806	lrp-1B	FI05817	pOT2	2971	FBgn0024957	ACO1	ENSG00000122729	Pstl: 5649 2390 1641 519 408 99
P1807	icln	FI06489	pOT2	844	FBgn0029079	CLNS1A	ENSG00000074201	Pstl: 5649 2522 408
P1808	holn1	FI06493	pOT2	1212	FBgn0032250	CD2BP2	ENSG00000169217	Pstl: 5649 2234 656 408
P1809	Efhc1.1	FI06517	pOT2	2577	FBgn0030691	EFHC1	ENSG00000096093	Pstl: 5649 2357 1898 408
P1810	CG8419	FI06716	pOT2	3231	FBgn0031999	TRIM45	ENSG00000134253	Pstl: 5649 4451 408 256 202
P1811	Bub3	FI07632	pOT2	1231	FBgn0025457	BUB3	ENSG00000154473	Pstl: 5649 2909 408
P1812	tos	FI07641	pOT2	2362	FBgn0015553	EXO1	ENSG00000174371	Pstl: 5649 2891 1149 408
P1813	Cdc37	FI07667	pOT2	1595	FBgn0011573	CDC37L1	ENSG00000106993	Pstl: 5649 1912 558 426 408 377
P1814	His1:CG31617	FI07715	pOT2	898	FBgn0051617	H1F0	ENSG00000189060	Pstl: 5649 1781 615 408 180
P1815	CG2064	FI07747	pOT2	1206	FBgn0033205	RDH12	ENSG00000139988	Pstl: 5649 2238 646 408
P1816	pII	FI07757	pOT2	1845	FBgn0010441	IRAK3	ENSG00000090376	Pstl: 5649 2116 1101 408 306
P1817	Fad2	FI07905	pOT2	1348	FBgn0029172	SCD5	ENSG00000145284	Pstl: 5649 3026 408
P1818	Karybeta3	FI07923	pOT2	3940	FBgn0087013	RANBP6	ENSG00000137040	Pstl: 5649 2844 1726 1048 408
P1819	VhaAC39-2	FI09727	pOT2	1281	FBgn0039058	ATP6V0D2	ENSG00000147614	Pstl: 5649 1819 687 453 408
P1820	Dic2	FI11326	pOT2	1116	FBgn0038797	SLC25A27	ENSG00000153291	Pstl: 5649 2186 585 408 23
P1821	Pax	FI11475	pOT2	2234	FBgn0041789	PPIL3	ENSG00000240344	Pstl: 5649 2145 719 472 408 345 222 9
P1822	CG14985	FI11682	pOT2	2829	FBgn0035482	MITD1	ENSG00000158411	Pstl: 5649 3034 1160 408 241 72
P1823	TLL3B	GH02545	pOT2	3914	FBgn0031853	TLL8	ENSG00000138892	Pstl: 5649 1986 1794 1050 762 408
P1824	Lin29	GH02610	pOT2	3935	FBgn0262636	ZNF563	ENSG00000188868	Pstl: 5649 2680 1692 821 420 408
P1825	CG6154	GH03296	pOT2	1601	FBgn0039420	DPEP1	ENSG00000015413	Pstl: 5649 3279 408
P1826	CG33995	GH07105	pOT2	2659	FBgn0053995	ANKRD39	ENSG00000213337	Pstl: 5649 2315 1273 540 408 209
P1827	CNT1	GH08391	pOT2	2795	FBgn0033371	SLC28A3	ENSG00000197506	Pstl: 5649 3033 1440 408
P1828	CG33057	GH08776	pOT2	3123	FBgn0053057	TRPT1	ENSG00000149743	Pstl: 5649 2761 1971 408 69
P1829	bnl	GH08887	pOT2	4313	FBgn0014135	FGF12	ENSG00000114279	Pstl: 5991 5649 408
P1830	CG3842	GH10714	pOT2	1767	FBgn0029866	RDH12	ENSG00000139988	Pstl: 5649 2293 702 450 408
P1831	CG17564	GH10882	pOT2	1243	FBgn0032768	CFAP73	ENSG00000186710	Pstl: 5649 2443 478 408
P1832	CG17450	GH11003	pOT2	1839	FBgn0040028	TEKT1	ENSG00000167858	Pstl: 5649 1560 910 615 432 408
P1833	bol	GH12029	pOT2	1449	FBgn0011206	DAZ1	ENSG00000188120	Pstl: 5649 1827 1300 408
P1834	th	GH15248	pOT2	1870	FBgn0260635	BIRC2	ENSG00000110330	Pstl: 5649 3548 408
P1835	ND-MWFE	GH20835	pOT2	442	FBgn0085468	NDUFA1	ENSG00000125356	Pstl: 5649 2120 408
P1836	CG8086	GH21437	pOT2	1049	FBgn0032010	CHAMP1	ENSG00000198824	Pstl: 5649 2136 591 408
P1837	Aldh-III	GH25629	pOT2	2696	FBgn0010548	ALDH3A1	ENSG00000108602	Pstl: 5649 2693 1681 408
P1838	CoVib	GH28726	pOT2	800	FBgn0031066	COX6B2	ENSG00000160471	Pstl: 5649 2478 408
P1839	CG8001	GH28796	pOT2	2693	FBgn0035268	DCAF8	ENSG00000132716	Pstl: 5649 2363 1927 408 81
P1840	Rpl12	GM14478	pOT2	521	FBgn0038903	ZNRD1	ENSG00000066379	Pstl: 5649 1739 460 408
P1841	14-3-3zeta	GM15545	pOT2	1726	FBgn0004907	YWHAZ	ENSG00000164924	Pstl: 5649 3404 408
P1842	RpL23	GM15762	pOT2	522	FBgn0010078	RPL23	ENSG00000125691	Pstl: 5649 2200 408
P1843	RpL29	GM15778	pOT2	331	FBgn0016726	RPL29	ENSG00000162244	Pstl: 5649 2009 408
P1844	SLIRP1	GM17572	pOT2	1310	FBgn0064117	SLIRP	ENSG00000119705	Pstl: 5649 2002 746 408 156 84
P1845	mRpL13	GM19213	pOT2	641	FBgn0032720	MRPL13	ENSG00000172172	Pstl: 5649 1793 526 408
P1846	ND-MNLL	GM22884	pOT2	518	FBgn0029971	NDUFB1	ENSG00000183648	Pstl: 5649 2196 408

P1847	<i>Mlc-c</i>	GM23419	pOT2	822	FBgn0004687	<i>MYL4</i>	ENSG00000198336	Pstl: 5649 2500 408
P1848	<i>COX7A</i>	GM26747	pOT2	576	FBgn0040529	<i>COX7A2L</i>	ENSG00000115944	Pstl: 5649 2254 408
P1849	<i>CG34117</i>	GM30486	pOT2	415	FBgn0083953	<i>FMC1</i>	ENSG00000164898	Pstl: 5649 2093 408
P1850	<i>CG42455</i>	IP01088	pOT2	1126	FBgn0259932	<i>SMIM13</i>	ENSG00000224531	Pstl: 5649 2804 408
P1851	<i>Rpb4</i>	IP01323	pOT2	609	FBgn0263757	<i>POLR2D</i>	ENSG00000144231	Pstl: 5649 2073 408 214
P1852	<i>CG3781</i>	IP01483	pOT2	985	FBgn0029853	<i>JOSD2</i>	ENSG00000161677	Supplemental Table S1.
P1853	<i>Ubc84D</i>	IP01814	pOT2	659	FBgn0017456	<i>UBE2L3</i>	ENSG00000185651	Pstl: 5649 2337 408
P1854	<i>lectin-29Ca</i>	IP02118	pOT2	814	FBgn0040098	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2492 408
P1855	<i>Best4</i>	IP02836	pOT2	1736	FBgn0036491	<i>BEST4</i>	ENSG00000142959	Pstl: 5649 3414 408
P1857	<i>VhaM9.7-d</i>	IP03388	pOT2	556	FBgn0038458	<i>ATP6V0E1</i>	ENSG00000113732	Pstl: 5649 2234 408
P1858	<i>Sfp33A3</i>	IP03390	pOT2	434	FBgn0259964	<i>SPINK5</i>	ENSG00000133710	Pstl: 5649 2112 408
P1859	<i>CG2816</i>	IP03754	pOT2	569	FBgn0031564	<i>ADAMTS7</i>	ENSG00000136378	Pstl: 5649 1928 408 319
P1860	<i>Cyp4ac2</i>	IP03841	pOT2	1705	FBgn0031694	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3383 408
P1861	<i>ATPsynepsilonL</i>	IP03962	pOT2	471	FBgn0051477	<i>ATP5EP2</i>	ENSG00000180389	Pstl: 5649 2149 408
P1862	<i>VhaM9.7-a</i>	IP04021	pOT2	689	FBgn0035521	<i>ATP6V0E1</i>	ENSG00000113732	Pstl: 5649 1745 622 408
P1863	<i>skpE</i>	IP04208	pOT2	758	FBgn0031074	<i>SKP1</i>	ENSG00000113558	Pstl: 5649 1868 568 408
P1864	<i>CG13999</i>	IP04373	pOT2	1043	FBgn0031753	<i>TMEM138</i>	ENSG00000149483	Pstl: 5649 2721 408
P1865	<i>CG42797</i>	FI14148	pOT2	2639	FBgn0261931	<i>HECW2</i>	ENSG00000138411	Pstl: 5649 2703 1614 408
P1866	<i>CG30273</i>	FI14103	pOT2	1239	FBgn0050273	<i>CDIP1</i>	ENSG00000089486	Pstl: 5649 1566 897 454 408
P1867	<i>CG17454</i>	FI15931	pOT2	1179	FBgn0039977	<i>SMN2</i>	ENSG00000205571	Pstl: 5649 1645 1212 408
P1868	<i>CSN7</i>	FI20803	pOT2	1190	FBgn0028836	<i>COPS7B</i>	ENSG00000144524	Pstl: 5649 2340 528 408
P1869	<i>Nufip</i>	FI21029	pOT2	1609	FBgn0036812	<i>NUFIP1</i>	ENSG00000083635	Pstl: 5649 1715 1100 472 408
P1870	<i>ppk22</i>	IP12083	pOT2	483	FBgn0051105	<i>ASIC3</i>	ENSG00000213199	Pstl: 5649 2161 408
P1871	<i>lms</i>	IP14616	pOT2	1586	FBgn0034520	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2687 577 408
P1872	<i>ppk8</i>	IP15847	pOT2	1854	FBgn0052792	<i>SCNN1A</i>	ENSG00000111319	Pstl: 5649 3052 480 408
P1873	<i>CG34289</i>	IP17446	pOT2	412	FBgn0085318	<i>TRIM35</i>	ENSG00000104228	Pstl: 5649 1762 408 278 50
P1874	<i>Tango2</i>	IP21164	pOT2	1598	FBgn0030503	<i>TANGO2</i>	ENSG00000183597	Pstl: 5649 3276 408
P1875	<i>Tctp</i>	IP21842	pOT2	978	FBgn0037874	<i>TPT1</i>	ENSG00000133112	Pstl: 5649 2067 589 408
P1876	<i>Atx-1</i>	IP08458	pOT2	2910	FBgn0029907	<i>ATXN1</i>	ENSG00000124788	Pstl: 5649 2610 1948 408 30
P1877	<i>Cka</i>	MIP15828	pOT2	2810	FBgn0044323	<i>STRN3</i>	ENSG00000196792	Pstl: 5649 4488 408
P1878	<i>Cip4</i>	MIP16046	pOT2	3518	FBgn0035533	<i>FNBP1</i>	ENSG00000187239	Pstl: 5649 3781 590 459 408 231 81 48 6
P1879	<i>CG43446</i>	MIP18983	pOT2	1469	FBgn0263400	<i>SIGMAR1</i>	ENSG00000147955	Pstl: 5649 2516 631 408
P1880	<i>chm</i>	MIP19344	pOT2	2411	FBgn0028387	<i>KAT5</i>	ENSG00000172977	Pstl: 5649 2182 1907 408
P1881	<i>CG3376</i>	MIP21179	pOT2	2921	FBgn0034997	<i>SMPD1</i>	ENSG00000166311	Pstl: 5649 3187 1032 408 185 173 22
P1882	<i>CG42264</i>	MIP25726	pOT2	1766	FBgn0259149	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 2412 894 408 138
P1883	<i>Eps-15</i>	MIP26607	pOT2	3705	FBgn0035060	<i>EPS15L1</i>	ENSG00000127527	Pstl: 5649 3324 1012 627 408 240 96 84
P1884	<i>MCU</i>	MIP26719	pOT2	1979	FBgn0042185	<i>MCU</i>	ENSG00000156026	Pstl: 5649 2979 678 408
P1885	<i>bbc</i>	MIP02933	pOT2	1566	FBgn0033844	<i>CHPT1</i>	ENSG00000111666	Pstl: 5649 3244 408
P1886	<i>Nurf-38</i>	MIP03147	pOT2	1285	FBgn0016687	<i>PPA1</i>	ENSG00000180817	Pstl: 5649 2963 408
P1887	<i>Ggamma30A</i>	MIP32547	pOT2	2321	FBgn0267252	<i>GNG2</i>	ENSG00000186469	Pstl: 5649 3270 696 408 33
P1888	<i>CG13175</i>	MIP04572	pOT2	2263	FBgn0033693	<i>ORAOV1</i>	ENSG00000149716	Pstl: 5649 2074 1174 693 408
P1889	<i>CAH16</i>	MIP04676	pOT2	1064	FBgn0040628	<i>CA5B</i>	ENSG00000169239	Pstl: 5649 2582 408 160
P1890	<i>CG7362</i>	MIP06618	pOT2	2673	FBgn0038258	<i>PKM</i>	ENSG00000067225	Pstl: 5649 3987 408 364
P1891	<i>CG9684</i>	LD24381	pOT2	2125	FBgn0037583	<i>ANKMY2</i>	ENSG00000106524	Pstl: 5649 3803 408
P1892	<i>mGluRA</i>	IP03318	pOT2	3026	FBgn0019985	<i>GRM2</i>	ENSG00000164082	Pstl: 5649 3368 1336 408
P1893	<i>Parg</i>	LD42380	pOT2	2560	FBgn0023216	<i>PRRT1</i>	ENSG00000204314	Pstl: 5649 1870 1709 632 408 27
P1894	<i>ATPsyn-beta</i>	SD19625	pOT2	1755	FBgn0010217	<i>ATP5B</i>	ENSG00000110955	Pstl: 5649 3171 408 262
P1895	<i>cactin</i>	LP09118	pOT2	2360	FBgn0031114	<i>CACTIN</i>	ENSG00000105298	Pstl: 5649 2754 1284 408

P1896	<i>tbrd-1</i>	IP14417	pOT2	1737	FBgn0039124	<i>BRDT</i>	ENSG00000137948	Pstl: 5649 3143 408 227 45
P1897	<i>Myo61F</i>	FI19407	pOT2	3443	FBgn0010246	<i>MYO1E</i>	ENSG00000157483	Pstl: 5649 1644 1407 651 558 444 408 294 123
P1898	<i>5PtaseI</i>	FI19005	pOT2	1718	FBgn0259178	<i>INPP5A</i>	ENSG00000068383	Pstl: 5649 3066 408 330
P1899	<i>APC4</i>	FI19008	pOT2	2646	FBgn0052707	<i>ANAPC4</i>	ENSG00000053900	Pstl: 5649 2139 741 682 408 306 174 153 129
P1900	<i>CG32808</i>	FI18310	pOT2	1079	FBgn0052808	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1922 574 408 261
P1901	<i>GATAd</i>	FI19405	pOT2	2746	FBgn0032223	<i>GATA4</i>	ENSG00000136574	Pstl: 5649 2817 1086 424 408 97
P1902	<i>Alh</i>	LP22910	pOT2	4989	FBgn0261238	<i>MLLT6</i>	ENSG00000275023	Pstl: 5649 3492 2231 548 408 312 84
P1903	<i>CG18371</i>	IP04765	pOT2	441	FBgn0033893	<i>ACYP2</i>	ENSG00000170634	Pstl: 5649 2119 408
P1904	<i>CG6873</i>	IP04855	pOT2	653	FBgn0030951	<i>CFL1</i>	ENSG00000172757	Pstl: 5649 2331 408
P1905	<i>Atg12</i>	IP05205	pOT2	494	FBgn0036255	<i>ATG12</i>	ENSG00000145782	Pstl: 5649 1917 408 255
P1906	<i>CG12012</i>	IP05517	pOT2	849	FBgn0035444	<i>BRI3</i>	ENSG00000164713	Pstl: 5649 2527 408
P1907	<i>CG30075</i>	IP07182	pOT2	752	FBgn0050075	<i>FKBP6</i>	ENSG00000077800	Pstl: 5649 2430 408
P1908	<i>CG5890</i>	IP07559	pOT2	1467	FBgn0039380	<i>HPCAL1</i>	ENSG00000115756	Pstl: 5649 3145 408
P1909	<i>CG8407</i>	IP07569	pOT2	629	FBgn0033687	<i>DNAL4</i>	ENSG00000100246	Pstl: 5649 2307 408
P1910	<i>CG1946</i>	IP08359	pOT2	1190	FBgn0033216	<i>DGAT2L6</i>	ENSG00000184210	Pstl: 5649 2868 408
P1911	<i>lbl</i>	IP08853	pOT2	1752	FBgn0008651	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2600 830 408
P1912	<i>CG18063</i>	IP10836	pOT2	1319	FBgn0028856	<i>SPATA17</i>	ENSG00000162814	Pstl: 5649 2997 408
P1913	<i>HdacX</i>	IP11169	pOT2	1729	FBgn0051119	<i>MOCS3</i>	ENSG00000124217	Pstl: 5649 2996 411 408
P1914	<i>CG18231</i>	IP12044	pOT2	1569	FBgn0036796	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 3247 408
P1915	<i>CG31262</i>	IP12186	pOT2	2180	FBgn0051262	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 2073 1785 408
P1916	<i>sun</i>	IP12648	pOT2	3735	FBgn0014391	<i>ATP5EP2</i>	ENSG00000180389	Pstl: 5649 5413 408
P1917	<i>Dll</i>	IP14437	pOT2	2254	FBgn0000157	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 1885 890 860 408 297
P1918	<i>CG8038</i>	IP15217	pOT2	818	FBgn0035831	<i>POP4</i>	ENSG00000105171	Pstl: 5649 1954 542 408
P1919	<i>Urm1</i>	IP20063	pOT2	405	FBgn0053276	<i>URM1</i>	ENSG00000167118	Pstl: 5649 1669 414 408
P1920	<i>CG32448</i>	IP20115	pOT2	368	FBgn0052448	<i>SMIM8</i>	ENSG00000111850	Pstl: 5649 2046 408
P1921	<i>5-HT1B</i>	IP20237	pOT2	2980	FBgn0263116	<i>ADRB1</i>	ENSG00000043591	Pstl: 5649 4658 408
P1922	<i>Nost</i>	IP20241	pOT2	3934	FBgn0259734	<i>NOSTRIN</i>	ENSG00000163072	Pstl: 5649 1794 1480 579 528 408 342 267 252 168 108 94
P1923	<i>CG30083</i>	IP20273	pOT2	886	FBgn0050083	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1945 619 408
P1924	<i>CG33225</i>	IP20489	pOT2	956	FBgn0053225	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2222 412 408
P1925	<i>CG15456</i>	IP20531	pOT2	497	FBgn0040650	<i>MIEN1</i>	ENSG00000141741	Pstl: 5649 2175 408
P1926	<i>llp6</i>	IP20560	pOT2	773	FBgn0044047	<i>IGF1</i>	ENSG00000017427	Pstl: 5649 2451 408
P1927	<i>CG13876</i>	IP20593	pOT2	1355	FBgn0035109	<i>C3orf38</i>	ENSG00000179021	Pstl: 5649 2005 1028 408
P1928	<i>Dpy-30L1</i>	IP20764	pOT2	578	FBgn0032293	<i>DPY30</i>	ENSG00000162961	Pstl: 5649 2256 408
P1929	<i>Try29F</i>	IP21379	pOT2	877	FBgn0015316	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2239 408 316
P1930	<i>Surf1</i>	IP21884	pOT2	998	FBgn0029117	<i>SURF1</i>	ENSG00000148290	Pstl: 5649 2676 408
P1931	<i>Spn28F</i>	IP21982	pOT2	1197	FBgn0028987	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2875 408
P1932	<i>btz</i>	LD31454	pOT2	2718	FBgn0045862	<i>CASC3</i>	ENSG00000108349	Pstl: 5649 1984 1680 720 408 12
P1933	<i>prel</i>	LD36516	pOT2	1545	FBgn0033413	<i>PRELID1</i>	ENSG00000169230	Pstl: 5649 3223 408
P1934	<i>CG11670</i>	LP01337	pOT2	1338	FBgn0038114	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2574 442 408
P1935	<i>CG8850</i>	LP02553	pOT2	2293	FBgn0033708	<i>SLC6A1</i>	ENSG00000157103	Pstl: 5649 1988 1787 408 196
P1936	<i>put</i>	LP03259	pOT2	2677	FBgn0003169	<i>ACVR2A</i>	ENSG00000121989	Pstl: 5649 4355 408
P1937	<i>RpLP2</i>	LP06614	pOT2	582	FBgn0003274	<i>RPLP2</i>	ENSG00000177600	Pstl: 5649 2260 408
P1938	<i>CG18858</i>	LP10114	pOT2	1423	FBgn0042175	<i>PLA2G15</i>	ENSG00000103066	Pstl: 5649 1885 1216 408
P1939	<i>Fum2</i>	LP11769	pOT2	1630	FBgn0029890	<i>FH</i>	ENSG00000091483	Pstl: 5649 1826 1482 408
P1940	<i>CG14669</i>	LP15878	pOT2	3402	FBgn0037326	<i>RASL10A</i>	ENSG00000100276	Pstl: 5649 3448 903 729 408
P1941	<i>Rpt4</i>	LP16188	pOT2	1410	FBgn0028685	<i>PSMC6</i>	ENSG00000100519	Pstl: 5649 2734 408 354
P1942	<i>Rnf146</i>	MIP02988	pOT2	3218	FBgn0036897	<i>RNF146</i>	ENSG00000118518	Pstl: 5649 4276 458 408 162
P1943	<i>CG33230</i>	MIP03820	pOT2	1747	FBgn0053230	<i>SETD4</i>	ENSG00000185917	Pstl: 5649 3425 408

P1944	<i>CG4653</i>	MIP03872	pOT2	814	FBgn0030776	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1773 719 408
P1945	<i>Mkp</i>	MIP03953	pOT2	1600	FBgn0083992	<i>DUSP14</i>	ENSG00000276023	Pstl: 5649 2692 586 408
P1946	<i>Spn77Bb</i>	MIP04093	pOT2	1180	FBgn0036969	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2858 408
P1947	<i>CG5028</i>	MIP04243	pOT2	1606	FBgn0039358	<i>IDH3A</i>	ENSG00000166411	Pstl: 5649 2911 408 219 90 64
P1948	<i>Mics1</i>	MIP04261	pOT2	1427	FBgn0037506	<i>GHITM</i>	ENSG00000165678	Pstl: 5649 1970 1135 408
P1949	<i>CG13510</i>	MIP04282	pOT2	589	FBgn0034758	<i>CDIP1</i>	ENSG00000089486	Pstl: 5649 1684 583 408
P1950	<i>CG12289</i>	MIP04348	pOT2	1348	FBgn0036160	<i>KHK</i>	ENSG00000138030	Pstl: 5649 3026 408
P1951	<i>CG12490</i>	MIP04353	pOT2	1666	FBgn0034782	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 2832 512 408
P1952	<i>CG13564</i>	MIP04383	pOT2	464	FBgn0034973	<i>MINOS1</i>	ENSG00000173436	Pstl: 5649 2142 408
P1953	<i>CG10749</i>	MIP04419	pOT2	1184	FBgn0036328	<i>MDH2</i>	ENSG00000146701	Pstl: 5649 2862 408
P1954	<i>CG9825</i>	MIP04453	pOT2	1524	FBgn0034783	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 1651 555 503 493 408
P1955	<i>CG14106</i>	MIP04495	pOT2	1118	FBgn0260459	<i>ENKD1</i>	ENSG00000124074	Pstl: 5649 2796 408
P1956	<i>CG11262</i>	MIP04527	pOT2	2272	FBgn0036329	<i>OCA2</i>	ENSG00000104044	Pstl: 5649 3950 408
P1957	<i>CG15715</i>	MIP04739	pOT2	705	FBgn0036538	<i>ZNF706</i>	ENSG00000120963	verified by sequencing
P1958	<i>CG17122</i>	MIP04749	pOT2	1918	FBgn0036962	<i>CFAP157</i>	ENSG00000160401	Pstl: 5649 2720 876 408
P1959	<i>CG17140</i>	MIP04751	pOT2	1224	FBgn0260453	<i>VDAC3</i>	ENSG00000078668	Pstl: 5649 2369 533 408
P1960	<i>CG17327</i>	MIP04754	pOT2	871	FBgn0038107	<i>PTRH2</i>	ENSG00000141378	Pstl: 5649 1818 560 408 156 15
P1961	<i>CG14892</i>	MIP04821	pOT2	2218	FBgn0038447	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 1878 1303 715 408
P1962	<i>CG15525</i>	MIP04834	pOT2	620	FBgn0039732	<i>CCDC12</i>	ENSG00000160799	Pstl: 5649 2298 408
P1963	<i>CG32281</i>	MIP05081	pOT2	1625	FBgn0052281	<i>TRMT5</i>	ENSG00000126814	Pstl: 5649 2660 408 403 240
P1964	<i>CG31008</i>	MIP05217	pOT2	516	FBgn0051008	<i>CHCHD10</i>	ENSG00000250479	Pstl: 5649 2194 408
P1965	<i>CG32371</i>	MIP05284	pOT2	1078	FBgn0052371	<i>MAPRE2</i>	ENSG00000166974	Pstl: 5649 2756 408
P1966	<i>Teng1</i>	MIP05340	pOT2	1111	FBgn0051682	<i>EXOG</i>	ENSG00000157036	Pstl: 5649 2056 733 408
P1968	<i>Alr</i>	MIP09632	pOT2	1319	FBgn0031068	<i>GFER</i>	ENSG00000127554	Pstl: 5649 2494 408 280 223
P1969	<i>Rpp20</i>	SD15945	pOT2	1261	FBgn0066304	<i>POP7</i>	ENSG00000172336	Pstl: 5649 2089 850 408
P1970	<i>ND-B14.5A</i>	SD16673	pOT2	525	FBgn0025839	<i>NDUFA7</i>	ENSG00000267855	Pstl: 5649 2203 408
P1971	<i>Dref</i>	FI03642	pOT2	2744	FBgn0015664	<i>ZBED4</i>	ENSG00000100426	Pstl: 5649 4422 408
P1972	<i>CG10616</i>	FI03659	pOT2	1707	FBgn0036286	<i>C1orf27</i>	ENSG00000157181	Pstl: 5649 2442 943 408
P1973	<i>Mer</i>	FI03665	pOT2	2490	FBgn0086384	<i>NF2</i>	ENSG00000186575	Pstl: 5649 1951 1398 639 408 180
P1974	<i>CG5567</i>	FI11325	pOT2	1250	FBgn0036760	<i>PGP</i>	ENSG00000184207	Pstl: 5649 2928 408
P1975	<i>CG42668</i>	FI12001	pOT2	3340	FBgn0261550	<i>OSBPL9</i>	ENSG00000117859	Pstl: 5649 4506 502 408 10
P1976	<i>CG9806</i>	FI12025	pOT2	2936	FBgn0030222	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2146 1452 708 408 224 84
P1977	<i>Bdp1</i>	FI12401	pOT2	2226	FBgn0032512	<i>BDP1</i>	ENSG00000145734	Pstl: 5649 2064 1282 558 408
P1978	<i>CG9123</i>	FI12409	pOT2	1502	FBgn0030629	<i>PAK1IP1</i>	ENSG00000111845	Pstl: 5649 3180 408
P1979	<i>Plekhm1</i>	FI12421	pOT2	2394	FBgn0034694	<i>PLEKHM3</i>	ENSG00000178385	Pstl: 5649 1994 776 618 507 408 114 63
P1980	<i>CG9485</i>	GH05863	pOT2	4897	FBgn0034618	<i>AGL</i>	ENSG00000162688	Pstl: 5649 2737 2701 924 408 213
P1981	<i>CG6707</i>	GH06641	pOT2	1680	FBgn0036058	<i>PIP4P1</i>	ENSG00000165782	Pstl: 5649 2735 623 408
P1982	<i>janA</i>	GH10196	pOT2	698	FBgn0001280	<i>PHPT1</i>	ENSG00000054148	verified by sequencing
P1983	<i>RpLP1</i>	GH13422	pOT2	647	FBgn0002593	<i>RPLP1</i>	ENSG00000137818	Pstl: 5649 2325 408
P1984	<i>aralar1</i>	GH21613	pOT2	2883	FBgn0028646	<i>SLC25A12</i>	ENSG00000115840	Pstl: 5649 4561 408
P1985	<i>CG2246</i>	GH23275	pOT2	1658	FBgn0039790	<i>PRPS1L1</i>	ENSG00000229937	Pstl: 5649 1953 1095 408 288
P1986	<i>Pcd</i>	GH23826	pOT2	751	FBgn0024841	<i>PCBD1</i>	ENSG00000166228	Pstl: 5649 1897 532 408
P1987	<i>CG42359</i>	GH27195	pOT2	952	FBgn0259705	<i>NSUN5</i>	ENSG00000130305	Pstl: 5649 1895 735 408
P1988	<i>fab1</i>	GH27216	pOT2	5988	FBgn0028741	<i>PIKFYVE</i>	ENSG00000115020	Pstl: 5649 3274 989 945 941 693 408 252 237 177 158
P1989	<i>grsm</i>	GH27579	pOT2	1907	FBgn0040493	<i>NPEPL1</i>	ENSG00000215440	Pstl: 5649 3263 408 322
P1990	<i>CG32549</i>	GM12308	pOT2	2812	FBgn0052549	<i>NT5DC4</i>	ENSG00000144130	Pstl: 5649 2586 1202 702 408
P1991	<i>rob137BC</i>	IP01983	pOT2	643	FBgn0028569	<i>DYNLRB1</i>	ENSG00000125971	Pstl: 5649 2321 408
P1992	<i>Ser12</i>	IP02084	pOT2	863	FBgn0011832	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2541 408

P1993	<i>LysP</i>	IP02746	pOT2	626	FBgn0004429	<i>LYZ</i>	ENSG00000090382	Pstl: 5649 1760 544 408
P1994	<i>alpha-Catr</i>	IP03755	pOT2	2687	FBgn0029105	<i>CTNNAL1</i>	ENSG00000119326	Pstl: 5649 2715 1623 408 27
P1995	<i>tbrd-3</i>	IP09966	pOT2	863	FBgn0050417	<i>BRDT</i>	ENSG00000137948	Pstl: 5649 2047 494 408
P1996	<i>Spn28Da</i>	IP12508	pOT2	1289	FBgn0051902	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2967 408
P1997	<i>lr25a</i>	IP13516	pOT2	3025	FBgn0031634	<i>GRIN3B</i>	ENSG00000116032	Pstl: 5649 2171 1034 657 603 408 129 109
P1998	<i>CG13585</i>	IP15630	pOT2	742	FBgn0035020	<i>SMIM14</i>	ENSG00000163683	Pstl: 5649 2420 408
P1999	<i>Eip63F-1</i>	IP21873	pOT2	1152	FBgn0004910	<i>CALML5</i>	ENSG00000178372	verified by sequencing
P2001	<i>CG2691</i>	LD23114	pOT2	4426	FBgn0030504	<i>RRP12</i>	ENSG00000052749	Pstl: 5649 2111 1535 735 408 372 370 369 368 153 91
P2002	<i>e(y)3</i>	LD27440	pOT2	6938	FBgn0087008	<i>DPF1</i>	ENSG00000011332	Pstl: 5649 2701 1726 1224 1161 581 561 408 368 294
P2003	<i>ncm</i>	LD29051	pOT2	4222	FBgn0086707	<i>CWC22</i>	ENSG00000163510	Pstl: 5900 5649 408
P2004	<i>Rrp47</i>	LD38104	pOT2	811	FBgn0030711	<i>C1D</i>	ENSG00000197223	Pstl: 5649 2041 448 408
P2005	<i>l(3)01239</i>	LD39331	pOT2	797	FBgn0010741	<i>PFDN2</i>	ENSG00000143256	Pstl: 5649 2475 408
P2006	<i>cdc2rk</i>	LP02532	pOT2	1220	FBgn0013435	<i>CDK13</i>	ENSG00000065883	Pstl: 5649 2898 408
P2007	<i>TpnC73F</i>	LP10264	pOT2	971	FBgn0010424	<i>CALM3</i>	ENSG00000160014	Pstl: 5649 2649 408
P2008	<i>CG8372</i>	LP11186	pOT2	828	FBgn0032000	<i>TMEM222</i>	ENSG00000186501	Pstl: 5649 2506 408
P2009	<i>CG9941</i>	LP12254	pOT2	3197	FBgn0030514	<i>RNF157</i>	ENSG00000141576	Pstl: 5649 2098 1994 783 408
P2010	<i>RpL3</i>	LP14077	pOT2	1385	FBgn0020910	<i>RPL3</i>	ENSG00000100316	Pstl: 5649 3063 408
P2011	<i>side-V</i>	LP15943	pOT2	5762	FBgn0085400	<i>PSG1</i>	ENSG00000231924	Pstl: 5649 3324 2099 954 548 408 356 159
P2012	<i>CG2113</i>	LP16467	pOT2	899	FBgn0035384	<i>ABRACL</i>	ENSG00000146386	Pstl: 5649 2577 408
P2013	<i>CG9065</i>	LP17418	pOT2	502	FBgn0030610	<i>COX17</i>	ENSG00000138495	Pstl: 5649 2180 408
P2014	<i>AP-1gamma</i>	LP20160	pOT2	5011	FBgn0030089	<i>AP1G1</i>	ENSG00000166747	Pstl: 5649 3226 1588 894 657 408 255 39 30
P2015	<i>RhoGEF3</i>	LP23332	pOT2	4715	FBgn0264707	<i>SPATA13</i>	ENSG00000182957	Pstl: 6393 5649 408
P2016	<i>ND-51L1</i>	MIP04331	pOT2	2151	FBgn0034251	<i>NDUFV1</i>	ENSG00000167792	Pstl: 5649 3829 408
P2017	<i>CG31244</i>	MIP05121	pOT2	1106	FBgn0051244	<i>TACO1</i>	ENSG00000136463	Pstl: 5649 2784 408
P2018	<i>Dhap-at</i>	MIP13239	pOT2	3530	FBgn0040212	<i>GNPAT</i>	ENSG00000116906	Pstl: 5649 3004 1625 408 243 222 114
P2019	<i>CG15914</i>	MIP13411	pOT2	1419	FBgn0030700	<i>GTDC1</i>	ENSG00000121964	Pstl: 5649 3097 408
P2020	<i>cnc</i>	SD04321	pOT2	3636	FBgn0262975	<i>NFE2L3</i>	ENSG00000050344	Pstl: 5649 2638 1218 1019 439 408
P2021	<i>AGO1</i>	SD07515	pOT2	5526	FBgn0262739	<i>AGO3</i>	ENSG00000126070	Pstl: 5649 4352 1355 918 483 408 96
P2022	<i>REPTOR-BP</i>	SD11986	pOT2	527	FBgn0032202	<i>CREBL2</i>	ENSG00000111269	Pstl: 5649 2205 408
P2023	<i>dod</i>	SD16185	pOT2	649	FBgn0015379	<i>PIN1</i>	ENSG00000127445	Pstl: 5649 1786 541 408
P2024	<i>RpS15</i>	SD21317	pOT2	714	FBgn0034138	<i>RPS15</i>	ENSG00000115268	Pstl: 5649 2392 408
P2025	<i>CG10336</i>	SD26634	pOT2	1267	FBgn0032698	<i>TIPIN</i>	ENSG00000075131	Pstl: 5649 2326 619 408
P2027	<i>CG42371</i>	GH19557	pOT2	645	FBgn0259717	<i>CEBPZOS</i>	ENSG00000218739	Pstl: 5649 2323 408
P2028	<i>CG9568</i>	LP01634	pOT2	631	FBgn0032087	<i>LYNX1</i>	ENSG00000180155	Pstl: 5649 2309 408
P2029	<i>Pxn</i>	GH13031	pOT2	5133	FBgn0011828	<i>PXDN</i>	ENSG00000130508	Pstl: 5649 3946 975 612 528 474 408 249 27
P2030	<i>CG33181</i>	LD39849	pOT2	3182	FBgn0053181	<i>SLC41A3</i>	ENSG00000114544	Pstl: 5649 2970 1890 408
P2031	<i>Egfp4</i>	MIP15905	pOT2	1201	FBgn0034885	<i>AQP2</i>	ENSG00000167580	Pstl: 5649 2413 466 408
P2032	<i>Skp2</i>	LP04622	pOT2	1939	FBgn0037236	<i>SKP2</i>	ENSG00000145604	Pstl: 5649 2806 717 408 94
P2033	<i>ND-ASHI</i>	LD32677	pOT2	1380	FBgn0029888	<i>NDUFB8</i>	ENSG00000166136	Pstl: 5649 3058 408
P2034	<i>Pole2</i>	FI13109	pOT2	1658	FBgn0035644	<i>POLE2</i>	ENSG00000100479	Pstl: 5649 3336 408
P2035	<i>spn-E</i>	FI13017	pOT2	4632	FBgn0003483	<i>TDRD9</i>	ENSG00000156414	Pstl: 5649 4296 2014 408
P2036	<i>CG18259</i>	FI13061	pOT2	2042	FBgn0030956	<i>POLDIP3</i>	ENSG00000100227	Pstl: 5649 3720 408
P2037	<i>Vps35</i>	SD03023	pOT2	3403	FBgn0034708	<i>VPS35</i>	ENSG00000069329	Pstl: 5649 2137 915 678 606 501 408 244
P2038	<i>CG9067</i>	FI14079	pOT2	530	FBgn0033605	<i>KLK2</i>	ENSG00000167751	Pstl: 5649 2208 408
P2039	<i>Strump</i>	FI07604	pOT2	3745	FBgn0036571	<i>WASHC5</i>	ENSG00000164961	Pstl: 5649 2054 1556 1380 433 408
P2040	<i>HemK1</i>	FI13095	pOT2	1165	FBgn0031817	<i>HEMK1</i>	ENSG00000114735	Pstl: 5649 2435 408 408
P2041	<i>CG3678</i>	GH23451	pOT2	1208	FBgn0038461	<i>EMC2</i>	ENSG00000104412	Pstl: 5649 2886 408
P2042	<i>IP3K1</i>	FI13108	pOT2	2053	FBgn0032147	<i>ITPKA</i>	ENSG00000137825	Pstl: 5649 2531 1200 408

P2043	<i>vsg</i>	GH23431	pOT2	2190	FBgn0045823	<i>CD164</i>	ENSG00000135535	Pstl: 5649 2925 943 408
P2044	<i>CG4186</i>	FI14109	pOT2	404	FBgn0040634	<i>CHCHD7</i>	ENSG00000170791	Pstl: 5649 2082 408
P2045	<i>CG3880</i>	FI14130	pOT2	1370	FBgn0035057	<i>SAPCD2</i>	ENSG00000186193	Pstl: 5649 1931 1117 408
P2046	<i>CG9396</i>	FI14313	pOT2	701	FBgn0037714	<i>MPC2</i>	ENSG00000143158	Pstl: 5649 2032 408 347
P2047	<i>Or43b</i>	MIP14440	pOT2	1427	FBgn0026393	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 1822 1145 408 129 9
P2048	<i>Bet5</i>	MIP14645	pOT2	1071	FBgn0260860	<i>TRAPPC1</i>	ENSG00000170043	Pstl: 5649 1696 1053 408
P2049	<i>CG34021</i>	MIP16559	pOT2	695	FBgn0054021	<i>RIIAD1</i>	ENSG00000178796	Pstl: 5649 2373 408
P2050	<i>CG16837</i>	MIP16633	pOT2	614	FBgn0035009	<i>DYNLRB1</i>	ENSG00000125971	Pstl: 5649 1874 418 408
P2051	<i>CG32832</i>	MIP16655	pOT2	695	FBgn0052832	<i>MPC2</i>	ENSG00000143158	Pstl: 5649 2373 408
P2052	<i>CG34283</i>	MIP16764	pOT2	599	FBgn0085312	<i>GTSF1</i>	ENSG00000170627	Pstl: 5649 2277 408
P2053	<i>CG18155</i>	MIP16841	pOT2	2065	FBgn0029945	<i>ACSF3</i>	ENSG00000176715	Pstl: 5649 3743 408
P2054	<i>CG42302</i>	MIP16867	pOT2	795	FBgn0259198	<i>TIMM8A</i>	ENSG00000126953	Pstl: 5649 1666 807 408
P2055	<i>smid</i>	MIP20544	pOT2	3359	FBgn0016983	<i>VCP</i>	ENSG00000165280	Pstl: 5649 5037 408
P2056	<i>CG10638</i>	IP08705	pOT2	1190	FBgn0036290	<i>AKR1B15</i>	ENSG00000227471	Pstl: 5649 2868 408
P2057	<i>CG9125</i>	MIP23775	pOT2	1298	FBgn0030793	<i>DXO</i>	ENSG00000204348	Pstl: 5649 1900 584 492 408
P2058	<i>Ror</i>	MIP23956	pOT2	2266	FBgn0010407	<i>ROR1</i>	ENSG00000185483	Pstl: 5649 2405 1216 408 254 69
P2059	<i>CG32679</i>	MIP24569	pOT2	901	FBgn0052679	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2096 483 408
P2060	<i>CG4053</i>	MIP24463	pOT2	945	FBgn0038482	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1914 408 375 334
P2061	<i>rictor</i>	FI03615	pOT2	6617	FBgn0031006	<i>RICTOR</i>	ENSG00000164327	Pstl: 5649 3105 2419 1148 906 711 408 6
P2062	<i>Usp15-31</i>	FI05488	pOT2	5184	FBgn0050421	<i>USP43</i>	ENSG00000154914	Supplemental Table S1.
P2063	<i>Cdk12</i>	FI05563	pOT2	4197	FBgn0037093	<i>CDK13</i>	ENSG00000065883	Pstl: 5649 4653 1222 408
P2064	<i>Npc2e</i>	MIP24405	pOT2	701	FBgn0051410	<i>NPC2</i>	ENSG00000119655	Pstl: 5649 1702 677 408
P2065	<i>CG17283</i>	MIP25078	pOT2	1602	FBgn0038505	<i>REN</i>	ENSG00000143839	Pstl: 5649 2121 1159 408
P2066	<i>CG6012</i>	MIP25013	pOT2	1058	FBgn0032615	<i>HSDL1</i>	ENSG00000103160	Pstl: 5649 1942 794 408
P2067	<i>St2</i>	MIP25022	pOT2	1160	FBgn0037665	<i>SULT1C4</i>	ENSG00000198075	Pstl: 5649 2838 408
P2068	<i>CG30091</i>	MIP24896	pOT2	1683	FBgn0050091	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 3361 408
P2069	<i>CG9289</i>	MIP25834	pOT2	2146	FBgn0032058	<i>CES2</i>	ENSG00000172831	Pstl: 5649 1787 1617 420 408
P2070	<i>CG11596</i>	LD23570	pOT2	1778	FBgn0023522	<i>CARNMT1</i>	ENSG00000156017	Pstl: 5649 1736 1720 408
P2071	<i>CG44242</i>	GM12693	pOT2	410	FBgn0265177	<i>MRPS36</i>	ENSG00000134056	Pstl: 5649 2088 408
P2072	<i>RpS21</i>	GM24606	pOT2	437	FBgn0015521	<i>RPS21</i>	ENSG00000171858	Pstl: 5649 2115 408
P2073	<i>MAPK-Ak2</i>	LD26767	pOT2	1976	FBgn0013987	<i>MAPKAPK2</i>	ENSG00000162889	Pstl: 5649 2905 516 408 233
P2074	<i>Fib</i>	GM13963	pOT2	1267	FBgn0003062	<i>FBL</i>	ENSG00000105202	Pstl: 5649 2945 408
P2075	<i>l(1)G0156</i>	LP13001	pOT2	1393	FBgn0027291	<i>IDH3A</i>	ENSG00000166411	Pstl: 5649 3071 408
P2076	<i>wupA</i>	GH08696	pOT2	939	FBgn0283471	<i>TNNI2</i>	ENSG00000130598	verified by sequencing
P2077	<i>tplus3a</i>	FI13029	pOT2	2002	FBgn0051702	<i>RTF1</i>	ENSG00000137815	Pstl: 5649 3433 408 247
P2078	<i>CG30122</i>	GH01011	pOT2	4605	FBgn0050122	<i>HNRNPU</i>	ENSG00000153187	Pstl: 5649 4030 1428 798 408 27
P2079	<i>CG7058</i>	GH01369	pOT2	4485	FBgn0030961	<i>LZTR1</i>	ENSG00000099949	Pstl: 5649 3183 840 588 558 476 408 270 248
P2080	<i>Rip11</i>	GH05001	pOT2	2261	FBgn0027335	<i>RAB11FIP1</i>	ENSG00000156675	Pstl: 5649 2266 1298 408 294 81
P2081	<i>Glut1</i>	GH08948	pOT2	2905	FBgn0264574	<i>SLC2A7</i>	ENSG00000197241	Pstl: 5649 2313 1445 825 408
P2082	<i>glob1</i>	GH09296	pOT2	1014	FBgn0027657	<i>HBE1</i>	ENSG00000213931	verified by sequencing
P2083	<i>CenB1A</i>	GH12888	pOT2	3264	FBgn0039056	<i>ACAP3</i>	ENSG00000131584	Pstl: 5649 3444 1422 408 76
P2084	<i>CG9775</i>	GH14260	pOT2	2431	FBgn0037261	<i>CHTOP</i>	ENSG00000160679	Pstl: 5649 3202 907 408
P2085	<i>Bili</i>	GH28553	pOT2	3838	FBgn0039282	<i>FRMD8</i>	ENSG00000126391	Pstl: 5649 2883 1881 752 408
P2086	<i>pug</i>	LD23514	pOT2	3162	FBgn0020385	<i>MTHFD1</i>	ENSG00000100714	Pstl: 5649 2535 2305 408
P2087	<i>iPLA2-VIA</i>	LP03302	pOT2	3038	FBgn0036053	<i>PLA2G6</i>	ENSG00000184381	Pstl: 5649 4214 502 408
P2088	<i>Ca-P60A</i>	LP08542	pOT2	3339	FBgn0263006	<i>ATP2C2</i>	ENSG00000064270	Pstl: 5649 1801 1073 843 817 483 408
P2089	<i>TFIIA-L</i>	LP04237	pOT2	1594	FBgn0011289	<i>GTF2A1</i>	ENSG00000165417	Pstl: 5649 2351 498 423 408
P2090	<i>CG15347</i>	LP18071	pOT2	999	FBgn0030040	<i>LYNX1</i>	ENSG00000180155	Pstl: 5649 2677 408

P2091	<i>pad</i>	IP01015	pOT2	3308	FBgn0038418	<i>SP3</i>	ENSG00000172845	Pstl: 5649 2253 1570 489 408 377 156 72 69
P2092	<i>CG32772</i>	IP01388	pOT2	3006	FBgn0052772	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2199 898 614 478 408 261 81 63 48 42
P2093	<i>CG5793</i>	IP02096	pOT2	2201	FBgn0038858	<i>FAHD2B</i>	ENSG00000144199	Pstl: 5649 3197 682 408
P2094	<i>GABA-B-R1</i>	IP03705	pOT2	4140	FBgn0260446	<i>GABBR2</i>	ENSG00000136928	Pstl: 5649 3587 947 887 408 397
P2095	<i>CG14057</i>	IP04375	pOT2	539	FBgn0036696	<i>POP5</i>	ENSG00000167272	Pstl: 5649 2217 408
P2096	<i>MCPH1</i>	IP08064	pOT2	3175	FBgn0260959	<i>MCPH1</i>	ENSG00000147316	Pstl: 5649 4380 408 405 68
P2097	<i>CG32413</i>	IP08618	pOT2	1013	FBgn0052413	<i>QPCTL</i>	ENSG00000011478	Pstl: 5649 2691 408
P2098	<i>CG12448</i>	IP09427	pOT2	1310	FBgn0028857	<i>SPATA17</i>	ENSG00000162814	Pstl: 5649 2988 408
P2099	<i>Phae2</i>	IP09733	pOT2	881	FBgn0263235	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1988 571 408
P2100	<i>CG15283</i>	IP09907	pOT2	661	FBgn0028844	<i>SDHAF4</i>	ENSG00000154079	Pstl: 5649 2339 408
P2101	<i>slx1</i>	IP09950	pOT2	1145	FBgn0037263	<i>SLX1B</i>	ENSG00000181625	Pstl: 5649 1834 950 408 39
P2102	<i>CG11313</i>	IP10721	pOT2	1244	FBgn0039798	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2922 408
P2103	<i>CG4743</i>	IP11234	pOT2	1220	FBgn0039357	<i>SLC25A26</i>	ENSG00000144741	Pstl: 5649 2328 570 408
P2104	<i>CG31016</i>	IP12176	pOT2	3948	FBgn0051016	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 5000 626 408
P2105	<i>CG8916</i>	IP12579	pOT2	2035	FBgn0030707	<i>GABRR3</i>	ENSG00000183185	Pstl: 5649 3501 408 212
P2106	<i>Cibn</i>	IP12923	pOT2	3228	FBgn0259152	<i>NEMF</i>	ENSG00000165525	Pstl: 5649 3137 1769 408
P2107	<i>fuss</i>	IP13014	pOT2	2614	FBgn0039932	<i>SKOR1</i>	ENSG00000188779	Pstl: 5649 2990 1302 408
P2108	<i>ZnT33D</i>	IP13286	pOT2	2290	FBgn0051860	<i>SLC30A8</i>	ENSG00000164756	Pstl: 5649 3968 408
P2109	<i>CG4393</i>	IP14385	pOT2	4671	FBgn0039075	<i>ANKS1A</i>	ENSG00000064999	Pstl: 5649 2473 1955 1139 782 408
P2110	<i>CG10738</i>	IP14815	pOT2	5100	FBgn0036368	<i>NPR1</i>	ENSG00000169418	Pstl: 6778 5649 408
P2111	<i>Dap160</i>	IP14822	pOT2	3933	FBgn0023388	<i>ITSN2</i>	ENSG00000198399	Pstl: 5649 2820 2237 554 408
P2112	<i>CG15279</i>	IP14994	pOT2	2492	FBgn0028886	<i>SLC6A1</i>	ENSG00000157103	Pstl: 5649 4170 408
P2113	<i>Vps13B</i>	IP15201	pOT2	2333	FBgn0039727	<i>VPS13B</i>	ENSG00000132549	Pstl: 5649 2902 761 408 348
P2114	<i>CG31140</i>	IP15392	pOT2	4154	FBgn0051140	<i>DGKQ</i>	ENSG00000145214	Pstl: 5649 1851 1426 957 845 654 408 99
P2115	<i>GABA-B-R3</i>	IP15483	pOT2	2377	FBgn0031275	<i>GABBR2</i>	ENSG00000136928	Pstl: 5649 1974 980 408 405 404 192 100
P2116	<i>Arpc3A</i>	IP15696	pOT2	1041	FBgn0038369	<i>ARPC3</i>	ENSG00000111229	Pstl: 5649 1844 875 408
P2117	<i>GluClalpha</i>	IP16167	pOT2	940	FBgn0024963	<i>GABRR3</i>	ENSG00000183185	Pstl: 5649 2618 408
P2118	<i>mub</i>	IP17311	pOT2	3395	FBgn0262737	<i>PCBP3</i>	ENSG00000183570	Pstl: 5649 2460 2002 427 408 184
P2119	<i>CG34367</i>	IP17602	pOT2	1114	FBgn0085396	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 1733 1059 408
P2120	<i>beat-IIIa</i>	IP17713	pOT2	3542	FBgn0265607	<i>CADM2</i>	ENSG00000175161	Pstl: 5649 5220 408
P2121	<i>CIC-a</i>	IP18723	pOT2	4051	FBgn0051116	<i>CLCN1</i>	ENSG00000188037	Pstl: 5649 3626 1324 779 408
P2122	<i>CG34049</i>	IP19912	pOT2	989	FBgn0054049	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2667 408
P2123	<i>CG11041</i>	IP20138	pOT2	546	FBgn0034481	<i>EFCAB2</i>	ENSG00000203666	Pstl: 5649 2224 408
P2124	<i>PIG-C</i>	IP20181	pOT2	1123	FBgn0035435	<i>PIGC</i>	ENSG00000135845	Pstl: 5649 2801 408
P2125	<i>CoRest</i>	IP20671	pOT2	2997	FBgn0261573	<i>RCOR2</i>	ENSG00000167771	Pstl: 5649 4675 408
P2126	<i>CG34148</i>	IP21248	pOT2	579	FBgn0083984	<i>C15orf61</i>	ENSG00000189227	Pstl: 5649 2257 408
P2127	<i>CG15528</i>	IP21249	pOT2	1053	FBgn0039742	<i>DUSP14</i>	ENSG00000276023	Pstl: 5649 2731 408
P2128	<i>CG33258</i>	IP21401	pOT2	954	FBgn0053258	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2632 408
P2129	<i>Lrp4</i>	IP21864	pOT2	7118	FBgn0030706	<i>LRP5</i>	ENSG00000162337	Pstl: 6848 5649 1948 408
P2130	<i>ird5</i>	LD21354	pOT2	2480	FBgn0024222	<i>CHUK</i>	ENSG00000213341	Pstl: 5649 3609 549 408
P2131	<i>CG31122</i>	LD22337	pOT2	3007	FBgn0051122	<i>C2orf69</i>	ENSG00000178074	Pstl: 5649 2412 1730 543 408
P2132	<i>mRpl37</i>	LD25118	pOT2	1377	FBgn0261380	<i>MRPL37</i>	ENSG00000116221	Pstl: 5649 3055 408
P2133	<i>Set2</i>	LD27386	pOT2	7377	FBgn0030486	<i>PRR34</i>	ENSG00000182257	Pstl: 5649 4268 2094 1165 900 628 408
P2134	<i>NFAT</i>	LD28881	pOT2	4211	FBgn0030505	<i>NFATC1</i>	ENSG00000131196	Pstl: 5649 2935 1653 987 408 314
P2135	<i>Cap-G</i>	LD29017	pOT2	4188	FBgn0259876	<i>NCAPG</i>	ENSG00000109805	Pstl: 5649 3159 2692 408 15
P2136	<i>CG1620</i>	LD42725	pOT2	2210	FBgn0033183	<i>MIER2</i>	ENSG00000105556	Pstl: 5649 3888 408
P2137	<i>bur</i>	LD42771	pOT2	2910	FBgn0000239	<i>GMPS</i>	ENSG00000163655	Pstl: 5649 2693 1589 408 191 115
P2138	<i>CG4041</i>	LD42868	pOT2	2680	FBgn0029736	<i>TBCK</i>	ENSG00000145348	Pstl: 5649 1873 1119 1005 408 361

P2139	CG32249	LP04239	pOT2	994	FBgn0052249	LHX3	ENSG00000107187	Pstl: 5649 2672 408
P2140	msps	LP04448	pOT2	7427	FBgn0027948	CKAP5	ENSG00000175216	Pstl: 5649 2826 2630 1310 957 569 408 390 216 207
P2141	rad50	LP09268	pOT2	4006	FBgn0034728	RAD50	ENSG00000113522	Pstl: 5649 3014 2670 408
P2142	betaTub97EF	LP10436	pOT2	1732	FBgn0003890	TUBB1	ENSG00000101162	Pstl: 5649 1694 963 408 384 264 105
P2143	CG8172	LP12178	pOT2	1798	FBgn0033362	KLK9	ENSG00000213022	Pstl: 5649 2182 1294 408
P2144	CG8726	SD08108	pOT2	3488	FBgn0033244	PXK	ENSG00000168297	Pstl: 5649 2005 1015 1002 538 444 408 162
P2145	Nrx-1	LP14275	pOT2	6285	FBgn0038975	SHBG	ENSG00000129214	Pstl: 5649 4963 3000 408
P2146	l(3)neo38	LP14345	pOT2	4418	FBgn0265276	ZNF563	ENSG00000188868	Pstl: 5649 4961 1135 408
P2147	rempA	LP14662	pOT2	5339	FBgn0260933	IFT140	ENSG00000187535	Pstl: 5649 2421 2191 1103 1085 408 109 66 42
P2148	CG7432	LP17264	pOT2	2851	FBgn0038727	KLK9	ENSG00000213022	Pstl: 5649 4529 408
P2149	Kcmf1	LP17815	pOT2	2398	FBgn0037655	KCMF1	ENSG00000176407	Pstl: 5649 1864 913 821 408 303 175
P2150	Gfat1	LP20486	pOT2	3705	FBgn0027341	GFPT1	ENSG00000198380	Pstl: 5649 2923 2216 408 202 42
P2151	CG13887	MIP02662	pOT2	1311	FBgn0035165	BCAP29	ENSG00000075790	Pstl: 5649 1908 719 408 362
P2152	SPoCk	MIP02852	pOT2	4270	FBgn0052451	ATP2C2	ENSG00000064270	Pstl: 5649 4283 1002 663 408
P2153	AP-1sigma	MIP02858	pOT2	1142	FBgn0039132	AP2S1	ENSG00000042753	Pstl: 5649 2820 408
P2154	Mlf	MIP03064	pOT2	2147	FBgn0034051	MLF1	ENSG00000178053	Pstl: 5649 3825 408
P2155	CG33672	MIP03836	pOT2	1262	FBgn0061360	BOLA2	ENSG00000183336	Pstl: 5649 2688 408 252
P2156	CG11839	MIP04239	pOT2	853	FBgn0039271	ZNF830	ENSG00000198783	Pstl: 5649 2531 408
P2157	CR11023	MIP04423	pOT2	1917	FBgn0031208	SENP5	ENSG00000119231	Pstl: 5649 3595 408
P2158	Evi5	MIP13464	pOT2	4195	FBgn0262740	EVI5L	ENSG00000142459	Pstl: 5649 2722 2287 630 408 234
P2159	frc	MIP26602	pOT2	4164	FBgn0042641	SLC35D2	ENSG00000130958	Pstl: 5649 5134 708 408
P2160	Asph	MIP15930	pOT2	1322	FBgn0034075	ASPH	ENSG00000198363	Pstl: 5649 3000 408
P2161	CG2678	MIP17575	pOT2	1825	FBgn0014931	ZNF563	ENSG00000188868	Pstl: 5649 2381 1122 408
P2162	CG42717	MIP19202	pOT2	391	FBgn0261634	ADAMTS7	ENSG00000136378	Pstl: 5649 2069 408
P2163	PIG-X	MIP29271	pOT2	1268	FBgn0050381	PIGX	ENSG00000163964	Pstl: 5649 1930 555 461 408
P2164	CG31687	MIP23949	pOT2	3676	FBgn0051687	CDC27	ENSG00000004897	Pstl: 5649 3126 875 826 431 408 96
P2165	Sirt6	MIP29464	pOT2	2277	FBgn0037802	SIRT6	ENSG00000077463	Pstl: 5649 2313 744 551 408 347
P2166	Mzt1	MIP29218	pOT2	403	FBgn0261858	MZT1	ENSG00000204899	Pstl: 5649 2081 408
P2167	CG42814	MIP29220	pOT2	814	FBgn0261996	NUDT5	ENSG00000165609	Pstl: 5649 1846 646 408
P2168	CG42830	MIP29222	pOT2	754	FBgn0262017	AKIRIN2	ENSG00000135334	Pstl: 5649 2432 408
P2169	CG13069	MIP13629	pOT2	410	FBgn0040798	SATL1	ENSG00000184788	verified by sequencing
P2170	CG5539	GH21788	pOT2	1078	FBgn0034907	REEP5	ENSG00000129625	Pstl: 5649 1841 915 408
P2171	eve	MIP30861	pOT2	1475	FBgn0000606	HHEX	ENSG00000152804	Pstl: 5649 2065 1088 408
P2172	CG11563	MIP13505	pOT2	858	FBgn0039868	NOP16	ENSG00000048162	Pstl: 5649 2536 408
P2173	CG5958	MIP26555	pOT2	1167	FBgn0031913	TPPA	ENSG00000137561	Pstl: 5649 2845 408
P2174	CG8475	GH11862	pOT2	5356	FBgn0031995	PHKB	ENSG00000102893	Pstl: 5649 3535 2697 802 408
P2175	Chro	MIP27283	pOT2	3851	FBgn0044324	ECI2	ENSG00000198721	Pstl: 5649 3412 2117 408
P2176	rho-6	IP02074	pOT2	921	FBgn0032415	RHBDL2	ENSG00000158315	Pstl: 5649 1661 671 408 267
P2177	Tsp97E	FI15217	pOT2	2153	FBgn0039465	TSPAN31	ENSG00000135452	Pstl: 5649 2058 1773 408
P2178	wuho	FI15206	pOT2	1471	FBgn0029857	WDR4	ENSG00000160193	Pstl: 5649 2121 408 371 337 320
P2179	Wnt6	IP02564	pOT2	1806	FBgn0031902	WNT16	ENSG00000002745	Pstl: 5649 2585 899 408
P2180	CG15356	FI15207	pOT2	3625	FBgn0031377	EMSY	ENSG00000158636	Pstl: 5649 2023 1158 903 553 408 345 321
P2181	Dpck	LP07378	pOT2	900	FBgn0037469	DKAKD	ENSG00000172992	Pstl: 5649 2578 408
P2182	CG1161	GH21395	pOT2	939	FBgn0037313	TMEM9	ENSG00000116857	Pstl: 5649 2223 408 379 15
P2183	Tsen34	MIP03922	pOT2	919	FBgn0053260	TSEN34	ENSG00000170892	Pstl: 5649 2597 408
P2184	sfl	MIP25166	pOT2	4916	FBgn0020251	NDST2	ENSG00000166507	Pstl: 5649 3054 2265 1275 408
P2185	Dhfr	FI15873	pOT2	620	FBgn0004087	DHFR	ENSG00000228716	Pstl: 5649 2298 408
P2186	Taf11	FI15907	pOT2	749	FBgn0011291	SNRPB	ENSG00000125835	Pstl: 5649 1739 688 408

P2187	<i>Octbeta1R</i>	IP09384	pOT2	1971	FBgn0038980	<i>ADRB1</i>	ENSG00000043591	Pstl: 5649 3211 438 408
P2188	<i>CG15027</i>	FI16049	pOT2	603	FBgn0030611	<i>TMA16</i>	ENSG00000198498	Pstl: 5649 1631 650 408
P2189	<i>CG14184</i>	FI16105	pOT2	638	FBgn0036932	<i>LAMTOR1</i>	ENSG00000149357	Pstl: 5649 2316 408
P2190	<i>Vha16-3</i>	FI16816	pOT2	603	FBgn0028667	<i>ATP6VOC</i>	ENSG00000185883	Pstl: 5649 2281 408
P2191	<i>CG30375</i>	FI16841	pOT2	1414	FBgn0050375	<i>KLK9</i>	ENSG00000213022	verified by sequencing
P2192	<i>gammaSnap2</i>	FI16817	pOT2	1019	FBgn0266721	<i>NAPG</i>	ENSG00000134265	Pstl: 5649 1983 714 408
P2193	<i>CG14817</i>	GM31526	pOT2	465	FBgn0026089	<i>MRPL57</i>	ENSG00000173141	Pstl: 5649 1732 411 408
P2194	<i>Pkd2</i>	MIP30126	pOT2	3328	FBgn0041195	<i>PKD2L2</i>	ENSG00000078795	Pstl: 5649 5006 408
P2195	<i>Grd</i>	MIP30648	pOT2	4088	FBgn0001134	<i>GABRR3</i>	ENSG00000183185	Pstl: 5649 3285 2232 408 249
P2196	<i>chp</i>	GH20134	pOT2	4667	FBgn0267435	<i>LRRC7</i>	ENSG00000033122	Pstl: 5649 4578 717 693 408 153 120 84
P2197	<i>CG42235</i>	LP24461	pOT2	2400	FBgn0250757	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 3436 642 408
P2198	<i>U26</i>	LD40505	pOT2	3317	FBgn0027780	<i>AASDH</i>	ENSG00000157426	Pstl: 5649 3939 656 408 400
P2199	<i>CG2685</i>	LD47334	pOT2	1938	FBgn0024998	<i>WBP11</i>	ENSG00000084463	Pstl: 5649 1968 1648 408
P2200	<i>inc</i>	LD43051	pOT2	2271	FBgn0025394	<i>KCTD17</i>	ENSG00000100379	Pstl: 5649 2835 922 408 192
P2201	<i>HSPC300</i>	FI14118	pOT2	339	FBgn0061198	<i>BRK1</i>	ENSG00000254999	Pstl: 5649 2017 408
P2202	<i>ReepB</i>	MIP03149	pOT2	792	FBgn0033906	<i>REEP5</i>	ENSG00000129625	Pstl: 5649 2470 408
P2203	<i>CG33108</i>	SD20374	pOT2	1709	FBgn0053108	<i>C19orf54</i>	ENSG00000188493	Pstl: 5649 3387 408
P2204	<i>CG42713</i>	FI14528	pOT2	388	FBgn0261630	<i>ADAMTS7</i>	ENSG00000136378	Pstl: 5649 2066 408
P2205	<i>CG30062</i>	IP06881	pOT2	630	FBgn0050062	<i>LYZ</i>	ENSG00000090382	Pstl: 5649 2308 408
P2206	<i>CG31960</i>	FI14603	pOT2	626	FBgn0051960	<i>CALML5</i>	ENSG00000178372	Pstl: 5649 2304 408
P2207	<i>CG30286</i>	LP14266	pOT2	1352	FBgn0050286	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 3030 408
P2208	<i>Hand</i>	FI14601	pOT2	732	FBgn0032209	<i>HAND2</i>	ENSG00000164107	Pstl: 5649 2410 408
P2209	<i>CG11029</i>	MIP29934	pOT2	1822	FBgn0031735	<i>PLB1</i>	ENSG00000163803	Pstl: 5649 2293 1207 408
P2210	<i>YME1L</i>	MIP17311	pOT2	2500	FBgn0034792	<i>YME1L1</i>	ENSG00000136758	Pstl: 5649 4178 408
P2211	<i>Cyp9h1</i>	IP03636	pOT2	1628	FBgn0033775	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3306 408
P2212	<i>Hsp70Bbb</i>	LP11561	pOT2	2349	FBgn0051354	<i>NCKAP1L</i>	ENSG00000123338	Pstl: 5649 2606 1092 408 221 108
P2213	<i>p24-2</i>	LP01981	pOT2	3538	FBgn0053105	<i>TMED10</i>	ENSG00000170348	Pstl: 5649 3030 1428 640 408 118
P2214	<i>kel</i>	LD29455	pOT2	5446	FBgn0001301	<i>KLHL12</i>	ENSG00000117153	Pstl: 5649 4523 903 779 485 408 302 123 9
P2215	<i>CG15537</i>	IP18706	pOT2	1489	FBgn0039770	<i>CRHBP</i>	ENSG00000145708	Pstl: 5649 2334 833 408
P2216	<i>Pgant35A</i>	LD24449	pOT2	2093	FBgn0001970	<i>GALNT3</i>	ENSG00000115339	Pstl: 5649 2253 1518 408
P2217	<i>CG7798</i>	MIP31483	pOT2	780	FBgn0034092	<i>LYZ</i>	ENSG00000090382	Pstl: 5649 2458 408
P2218	<i>CG42766</i>	MIP31269	pOT2	746	FBgn0261834	<i>TMEM101</i>	ENSG00000091947	Pstl: 5649 2424 408
P2219	<i>CG17271</i>	FI16806	pOT2	1063	FBgn0038829	<i>MCFD2</i>	ENSG00000180398	Pstl: 5649 1999 742 408
P2220	<i>yki</i>	FI16856	pOT2	1463	FBgn0034970	<i>WWTR1</i>	ENSG00000018408	Pstl: 5649 2380 446 408 264 51
P2221	<i>CG17560</i>	FI16819	pOT2	1730	FBgn0038450	<i>FAR1</i>	ENSG00000197601	Pstl: 5649 2704 704 408
P2222	<i>CG16995</i>	FI16842	pOT2	734	FBgn0031412	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2412 408
P2223	<i>CG4325</i>	FI16619	pOT2	594	FBgn0026878	<i>TRAIIP</i>	ENSG00000183763	Pstl: 5649 1763 509 408
P2224	<i>CG13559</i>	FI16602	pOT2	609	FBgn0034870	<i>CDIP1</i>	ENSG00000089486	Pstl: 5649 2287 408
P2225	<i>CG13516</i>	FI16615	pOT2	1024	FBgn0040658	<i>CDIP1</i>	ENSG00000089486	Pstl: 5649 2702 408
P2226	<i>CG32225</i>	FI16632	pOT2	1215	FBgn0052225	<i>LAMP5</i>	ENSG00000125869	Pstl: 5649 1983 910 408
P2227	<i>GstT2</i>	FI16621	pOT2	884	FBgn0050005	<i>GSTM5</i>	ENSG00000134201	Pstl: 5649 2562 408
P2228	<i>Pex19</i>	FI16608	pOT2	1189	FBgn0032407	<i>PEX19</i>	ENSG00000162735	Pstl: 5649 2867 408
P2229	<i>CG18190</i>	FI16628	pOT2	1044	FBgn0034403	<i>MAPRE2</i>	ENSG00000166974	Pstl: 5649 2012 710 408
P2230	<i>CG3526</i>	FI16630	pOT2	1108	FBgn0040355	<i>KCMF1</i>	ENSG00000176407	Pstl: 5649 2786 408
P2231	<i>CG8401</i>	FI16603	pOT2	1074	FBgn0034069	<i>C16orf89</i>	ENSG00000153446	Pstl: 5649 2752 408
P2232	<i>ix</i>	FI16658	pOT2	749	FBgn0001276	<i>MED29</i>	ENSG00000063322	Pstl: 5649 1964 408 352 111
P2233	<i>CG14036</i>	FI16614	pOT2	446	FBgn0031677	<i>GTSF1</i>	ENSG00000170627	Pstl: 5649 1807 408 317
P2234	<i>rasp</i>	FI17512	pOT2	1698	FBgn0024194	<i>HHAT</i>	ENSG00000054392	Pstl: 5649 1779 1368 408 229

P2235	<i>Ccs</i>	FI17511	pOT2	897	FBgn0010531	<i>CCS</i>	ENSG00000173992	Pstl: 5649 1929 646 408
P2236	<i>Cap</i>	FI16803	pOT2	4028	FBgn0015615	<i>SMC3</i>	ENSG00000108055	Pstl: 5649 2801 946 640 452 408 363 243 150 111
P2237	<i>PH4alphaMP</i>	FI17802	pOT2	1900	FBgn0026190	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 2142 651 534 408 251
P2238	<i>Sin</i>	FI17863	pOT2	1679	FBgn0028402	<i>POLR3E</i>	ENSG00000058600	Pstl: 5649 2578 779 408
P2239	<i>Rtf1</i>	FI16824	pOT2	2478	FBgn0034722	<i>RTF1</i>	ENSG00000137815	Pstl: 5649 4156 408
P2240	<i>Exp6</i>	FI17502	pOT2	4097	FBgn0266572	<i>XPO6</i>	ENSG00000169180	Pstl: 5649 2759 1548 531 408 341 324 248 24
P2241	<i>CG11399</i>	FI17508	pOT2	4290	FBgn0037021	<i>PCIF1</i>	ENSG00000100982	Pstl: 5649 3383 2585 408
P2242	<i>lrk1</i>	FI16807	pOT2	2820	FBgn0265042	<i>KCNJ1</i>	ENSG00000151704	Pstl: 5649 2086 1074 811 527 408
P2243	<i>Pex7</i>	FI16637	pOT2	1425	FBgn0035922	<i>PEX7</i>	ENSG00000112357	Pstl: 5649 2519 584 408
P2244	<i>vfl</i>	FI17950	pOT2	6628	FBgn0259789	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2884 1493 1093 1073 1055 408 336 156 120 96
P2245	<i>LUBEL</i>	FI16101	pOT2	2892	FBgn0031857	<i>RNF31</i>	ENSG00000092098	Pstl: 5649 3356 1214 408
P2246	<i>mit(1)15</i>	FI17506	pOT2	2627	FBgn0004643	<i>ZW10</i>	ENSG00000086827	Pstl: 5649 2014 817 418 408 384 304 260 66 42
P2247	<i>CG7744</i>	FI17509	pOT2	2584	FBgn0034447	<i>TMEM201</i>	ENSG00000188807	Pstl: 5649 3306 562 408 394
P2248	<i>MTPAP</i>	FI17515	pOT2	2338	FBgn0024360	<i>MTPAP</i>	ENSG00000107951	Pstl: 5649 2455 919 474 408 168
P2250	<i>sll</i>	FI17505	pOT2	1934	FBgn0038524	<i>SLC35B2</i>	ENSG00000157593	Pstl: 5649 2687 756 408 169
P2251	<i>CG18418</i>	FI19418	pOT2	1163	FBgn0035568	<i>SLC25A27</i>	ENSG00000153291	Pstl: 5649 2841 408
P2252	<i>Xxylt</i>	FI19481	pOT2	1565	FBgn0034959	<i>XXYLT1</i>	ENSG00000173950	Pstl: 5649 2331 912 408
P2253	<i>Cyp313a4</i>	FI17801	pOT2	1671	FBgn0038076	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2618 695 408 36
P2254	<i>RhoGAP54D</i>	FI17823	pOT2	3598	FBgn0034249	<i>ARHGAP19</i>	ENSG00000213390	verified by sequencing
P2255	<i>mamo</i>	FI17807	pOT2	3003	FBgn0267033	<i>SP3</i>	ENSG00000172845	verified by sequencing
P2256	<i>Tango5</i>	FI17817	pOT2	2123	FBgn0052675	<i>VMP1</i>	ENSG00000062716	Pstl: 5649 2283 855 663 408
P2257	<i>Tm2</i>	FI17819	pOT2	1960	FBgn0004117	<i>TPM2</i>	ENSG00000198467	Pstl: 5649 2673 965 408
P2258	<i>Suv3</i>	FI17837	pOT2	2569	FBgn0037232	<i>SUPV3L1</i>	ENSG00000156502	Pstl: 5649 3956 408 291
P2259	<i>CG14411</i>	FI17948	pOT2	3451	FBgn0030582	<i>MTMR11</i>	ENSG00000014914	Pstl: 5649 2166 1106 759 408 390 321 189 109 62 27
P2260	<i>ebi</i>	FI17838	pOT2	3311	FBgn0263933	<i>TBL1Y</i>	ENSG00000092377	Pstl: 5649 1755 1557 1080 486 408 111
P2261	<i>CG3502</i>	FI17846	pOT2	3181	FBgn0046253	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2498 2361 408
P2262	<i>Vps53</i>	FI17841	pOT2	2955	FBgn0031598	<i>VPS53</i>	ENSG00000141252	Pstl: 5649 2055 2025 553 408
P2263	<i>Nup75</i>	FI17843	pOT2	2153	FBgn0034310	<i>NUP85</i>	ENSG00000125450	Pstl: 5649 2872 959 408
P2264	<i>Pkn</i>	FI17849	pOT2	4852	FBgn0020621	<i>PKN1</i>	ENSG00000123143	Pstl: 5649 2417 1137 1023 691 423 408 351 162 123 89 51 33 30
P2265	<i>Spn</i>	FI18374	pOT2	7357	FBgn0010905	<i>PPP1R9A</i>	ENSG00000158528	verified by sequencing
P2266	<i>GEFmeso</i>	FI17866	pOT2	5907	FBgn0050115	<i>SPATA13</i>	ENSG00000182957	Pstl: 5649 2503 1492 1386 995 940 408 135 96 38
P2267	<i>arr</i>	FI17867	pOT2	6014	FBgn0000119	<i>LRP5</i>	ENSG00000162337	Pstl: 5649 3285 2033 924 784 666 408
P2268	<i>CG34404</i>	FI17904	pOT2	2890	FBgn0085433	<i>MCC</i>	ENSG00000171444	Pstl: 5649 1812 1287 712 408 391 293 73
P2269	<i>CG4291</i>	FI17537	pOT2	1268	FBgn0031287	<i>WBP4</i>	ENSG00000120688	Pstl: 5649 2946 408
P2270	<i>Sytbodyeta</i>	FI17803	pOT2	3873	FBgn0261090	<i>SYT5</i>	ENSG00000129990	Pstl: 5649 4797 754 408
P2271	<i>plx</i>	FI17814	pOT2	5973	FBgn0261261	<i>TBC1D4</i>	ENSG00000136111	Pstl: 5649 3933 1513 1277 676 408 165 87
P2272	<i>CG8773</i>	FI17854	pOT2	3142	FBgn0038135	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 4820 408
P2273	<i>CG8539</i>	FI17864	pOT2	1365	FBgn0035791	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 3043 408
P2274	<i>CG14301</i>	FI17806	pOT2	1908	FBgn0038632	<i>MAGED1</i>	ENSG00000179222	Pstl: 5649 2720 866 408
P2275	<i>Acox57D-p</i>	FI05216	pOT2	2537	FBgn0034628	<i>ACOX2</i>	ENSG00000168306	Pstl: 5649 1858 954 515 462 408 135 126 84 81
P2276	<i>slpr</i>	FI19488	pOT2	5130	FBgn0030018	<i>MAP3K21</i>	ENSG00000143674	Pstl: 5649 2424 2006 1436 660 408 282
P2277	<i>Eip74EF</i>	FI19001	pOT2	4372	FBgn0000567	<i>GABPA</i>	ENSG00000154727	Pstl: 5649 3733 885 865 408 405 126 36
P2278	<i>sws</i>	FI19439	pOT2	5589	FBgn0003656	<i>PNPLA6</i>	ENSG00000032444	Pstl: 7267 5649 408
P2279	<i>lqf</i>	FI19443	pOT2	4309	FBgn0028582	<i>CLINT1</i>	ENSG00000113282	Pstl: 5649 2631 1788 835 504 408 229
P2280	<i>gatA</i>	FI17531	pOT2	1645	FBgn0260779	<i>QRSL1</i>	ENSG00000130348	Pstl: 5649 3323 408
P2281	<i>Ent3</i>	FI19475	pOT2	2824	FBgn0036319	<i>SLC29A4</i>	ENSG00000164638	Pstl: 5649 4502 408
P2282	<i>GAA1</i>	FI19410	pOT2	2311	FBgn0029818	<i>GPA1</i>	ENSG00000197858	Pstl: 5649 2420 1170 408 399
P2283	<i>Cul-3</i>	FI19425	pOT2	3475	FBgn0261268	<i>CUL3</i>	ENSG00000036257	Pstl: 5649 3360 1793 408

P2284	<i>salt</i>	FI19428	pOT2	2119	FBgn0039872	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 3390 408 407
P2285	<i>Pink1</i>	FI19430	pOT2	2876	FBgn0029891	<i>PINK1</i>	ENSG00000158828	Pstl: 5649 2346 1257 408 384 333 234
P2286	<i>Cyp4d21</i>	FI19437	pOT2	1842	FBgn0031925	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3149 408 371
P2287	<i>Sir2</i>	FI19438	pOT2	3800	FBgn0024291	<i>SIRT1</i>	ENSG00000096717	Pstl: 5649 2913 2117 448 408
P2288	<i>CG11406</i>	FI18305	pOT2	4431	FBgn0034990	<i>LIPA</i>	ENSG00000107798	Pstl: 5649 4052 1925 408 126 6
P2289	<i>CG32473</i>	FI18373	pOT2	3627	FBgn0052473	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2960 2345 408
P2290	<i>SCAR</i>	FI18307	pOT2	2679	FBgn0041781	<i>WASF1</i>	ENSG00000112290	Pstl: 5649 3924 433 408
P2291	<i>CG8135</i>	FI19409	pOT2	2838	FBgn0037689	<i>LMBRD2</i>	ENSG00000164187	Pstl: 5649 2721 1446 408 349
P2292	<i>CG7565</i>	FI19480	pOT2	3728	FBgn0035833	<i>KIAA0319</i>	ENSG00000137261	Pstl: 5649 2800 2196 408 257 153
P2293	<i>Dscam2</i>	FI17816	pOT2	3483	FBgn0265296	<i>IGSF10</i>	ENSG00000152580	Pstl: 5649 3105 813 708 535 408
P2294	<i>NimC1</i>	FI17857	pOT2	2057	FBgn0259896	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2110 858 505 408 262
P2295	<i>CG11695</i>	LD47677	pOT2	1815	FBgn0030316	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1705 1336 408 335 117
P2296	<i>Pgm2b</i>	FI19482	pOT2	2029	FBgn0033969	<i>PGM2L1</i>	ENSG00000165434	Pstl: 5649 3447 408 260
P2297	<i>Spn28B</i>	FI19815	pOT2	1195	FBgn0083141	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2873 408
P2298	<i>CG8586</i>	FI19801	pOT2	1532	FBgn0033320	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1655 1555 408
P2299	<i>Nop17l</i>	FI19006	pOT2	3534	FBgn0033224	<i>DNAAF2</i>	ENSG00000165506	Pstl: 5649 5212 408
P2300	<i>trh</i>	FI17826	pOT2	4511	FBgn0262139	<i>NPAS1</i>	ENSG00000130751	Pstl: 5649 3045 1909 964 408 271
P2301	<i>CG30187</i>	FI19012	pOT2	1574	FBgn0050187	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2818 434 408
P2302	<i>CG13409</i>	FI19816	pOT2	2139	FBgn0038926	<i>TMEM181</i>	ENSG00000146433	Pstl: 5649 3817 408
P2303	<i>Jhedup</i>	FI19817	pOT2	1778	FBgn0034076	<i>CES2</i>	ENSG00000172831	Pstl: 5649 2751 705 408
P2304	<i>G6P</i>	FI19814	pOT2	1217	FBgn0031463	<i>G6PC3</i>	ENSG00000141349	Pstl: 5649 2895 408
P2305	<i>Ino80</i>	FI17525	pOT2	5162	FBgn0086613	<i>INO80</i>	ENSG00000128908	Pstl: 5649 2772 2614 759 548 408 147
P2306	<i>Ptp52F</i>	FI18312	pOT2	4589	FBgn0034085	<i>PTPRA</i>	ENSG00000132670	Pstl: 5649 3143 2424 700 408
P2307	<i>HDAC4</i>	FI19806	pOT2	5161	FBgn0041210	<i>HDAC9</i>	ENSG00000048052	Pstl: 5649 3902 1792 671 408 387 87
P2308	<i>Ptp61F</i>	FI19882	pOT2	2103	FBgn0267487	<i>PTPN1</i>	ENSG00000196396	Pstl: 5649 2867 914 408
P2309	<i>CG2528</i>	FI14410	pOT2	2123	FBgn0032969	<i>PREP</i>	ENSG00000085377	Pstl: 5649 3801 408
P2310	<i>DnaJ-60</i>	FI15238	pOT2	805	FBgn0260775	<i>DNAJC30</i>	ENSG00000176410	Pstl: 5649 2483 408
P2311	<i>Scip</i>	FI16115	pOT2	1784	FBgn0030357	<i>LRRC20</i>	ENSG00000172731	Pstl: 5649 2402 1060 408
P2312	<i>Takr99D</i>	FI19465	pOT2	2892	FBgn0004622	<i>TACR3</i>	ENSG00000169836	Pstl: 5649 3185 1385 408
P2313	<i>PIG-G</i>	FI19823	pOT2	2919	FBgn0033187	<i>PIGO</i>	ENSG00000165282	Pstl: 5649 2116 1079 1000 408 312 90
P2314	<i>CG4021</i>	FI20702	pOT2	1162	FBgn0034659	<i>KHDRBS2</i>	ENSG00000112232	Pstl: 5649 2840 408
P2315	<i>Spn42Db</i>	IP11376	pOT2	1491	FBgn0033112	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 1935 1234 408
P2316	<i>CG15773</i>	IP12023	pOT2	1107	FBgn0029795	<i>LYPD3</i>	ENSG00000124466	Pstl: 5649 2785 408
P2317	<i>mrj</i>	IP17752	pOT2	2162	FBgn0034091	<i>DNAJB2</i>	ENSG00000135924	Pstl: 5649 2134 1706 408
P2318	<i>Rtnl2</i>	IP21332	pOT2	967	FBgn0015831	<i>RTN4</i>	ENSG00000115310	Pstl: 5649 2645 408
P2319	<i>CG10731</i>	IP03290	pOT2	859	FBgn0034081	<i>ATP5S</i>	ENSG00000125375	Pstl: 5649 1945 592 408
P2320	<i>dia</i>	MIP15814	pOT2	628	FBgn0011202	<i>DIAPH1</i>	ENSG00000131504	Pstl: 5649 2306 408
P2321	<i>twz</i>	MIP18912	pOT2	2490	FBgn0034636	<i>KCTD15</i>	ENSG00000153885	Pstl: 5649 2438 1730 408
P2322	<i>tapas</i>	MIP19735	pOT2	3774	FBgn0027529	<i>TDRD1</i>	ENSG00000095627	Pstl: 5649 2197 1518 1122 615 408
P2323	<i>Jon66Cii</i>	MIP19787	pOT2	849	FBgn0035887	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1859 668 408
P2324	<i>AR-2</i>	MIP19959	pOT2	2126	FBgn0039595	<i>GALR3</i>	ENSG00000128310	Pstl: 5649 3804 408
P2325	<i>Agpat3</i>	MIP21173	pOT2	1880	FBgn0036623	<i>AGPAT3</i>	ENSG00000160216	Pstl: 5649 2185 1064 408 309
P2326	<i>CG9593</i>	MIP25040	pOT2	1286	FBgn0038365	<i>ANGPTL2</i>	ENSG00000136859	Pstl: 5649 2050 914 408
P2327	<i>Zn72D</i>	MIP27703	pOT2	5022	FBgn0263603	<i>ZNF385A</i>	ENSG00000161642	Pstl: 5649 3704 1831 934 408 231
P2328	<i>CG33785</i>	MIP03842	pOT2	1239	FBgn0061362	<i>POLR3K</i>	ENSG00000161980	Pstl: 5649 1875 1042 408
P2329	<i>CG33325</i>	MIP04030	pOT2	979	FBgn0053325	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2657 408
P2330	<i>CG12224</i>	MIP04547	pOT2	885	FBgn0037974	<i>SRM</i>	ENSG00000116649	Pstl: 5649 1733 830 408
P2331	<i>CG43328</i>	MIP05209	pOT2	1467	FBgn0263033	<i>C19orf70</i>	ENSG00000174917	Pstl: 5649 2776 408 369

P2332	<i>CG44001</i>	LP22840	pOT2	1851	FBgn0264743	<i>ANKRD39</i>	ENSG00000213337	Pstl: 5649 1847 933 540 408 209
P2333	<i>CG5316</i>	LP08901	pOT2	2216	FBgn0038704	<i>APTX</i>	ENSG00000137074	Pstl: 5649 2731 1163 408
P2334	<i>srp</i>	GH11649	pOT2	4000	FBgn0003507	<i>GATA4</i>	ENSG00000136574	Pstl: 5649 2234 1613 639 439 408 258 252 243
P2335	<i>Ptpmeg</i>	LP01515	pOT2	3973	FBgn0261985	<i>PTPRA</i>	ENSG00000132670	verified by sequencing
P2336	<i>CG18659</i>	LP09925	pOT2	3743	FBgn0027561	<i>DENND1B</i>	ENSG00000213047	Pstl: 5649 1787 1224 960 804 646 408
P2337	<i>CG32638</i>	FI19011	pOT2	1591	FBgn0052638	<i>AGTRAP</i>	ENSG00000177674	Pstl: 5649 3269 408
P2338	<i>NimB1</i>	GH07762	pOT2	1269	FBgn0027929	<i>TNC</i>	ENSG00000041982	Pstl: 5649 1739 1208 408
P2339	<i>Rpt5</i>	GH12068	pOT2	1611	FBgn0028684	<i>PSMC3</i>	ENSG00000165916	Pstl: 5649 2096 1193 408
P2340	<i>CG5808</i>	GH01073	pOT2	2041	FBgn0027617	<i>PPIL4</i>	ENSG00000131013	Pstl: 5649 2417 1302 408
P2341	<i>Cct5</i>	GM12270	pOT2	1938	FBgn0010621	<i>CCT5</i>	ENSG00000150753	Pstl: 5649 3616 408
P2342	<i>Tapdelta</i>	GM12291	pOT2	738	FBgn0021795	<i>SSR4</i>	ENSG00000180879	Pstl: 5649 2052 408 364
P2343	<i>Nmt</i>	GM13220	pOT2	1852	FBgn0020392	<i>NMT1</i>	ENSG00000136448	Pstl: 5649 1946 819 765 408
P2344	<i>Coprox</i>	GM14838	pOT2	1370	FBgn0021944	<i>CPOX</i>	ENSG00000080819	Pstl: 5649 2377 601 408 70
P2345	<i>Thor</i>	HL08053	pOT2	752	FBgn0261560	<i>EIF4EBP3</i>	ENSG00000243056	Pstl: 5649 2430 408
P2346	<i>Nup154</i>	LD21772	pOT2	4356	FBgn0021761	<i>NUP155</i>	ENSG00000113569	Pstl: 5649 4357 1677 408
P2347	<i>Uch-L5</i>	LD24440	pOT2	1153	FBgn0011327	<i>UCHL5</i>	ENSG00000116750	Supplemental Table S1.
P2348	<i>GlyP</i>	LD24485	pOT2	2874	FBgn0004507	<i>PYGB</i>	ENSG00000100994	Pstl: 5649 3322 1230 408
P2349	<i>Ef1beta</i>	LD24492	pOT2	804	FBgn0028737	<i>EEF1B2</i>	ENSG00000114942	Pstl: 5649 1664 818 408
P2350	<i>myy</i>	LD24639	pOT2	2036	FBgn0259749	<i>SEC61A2</i>	ENSG00000065665	Pstl: 5649 2240 664 627 408 183
P2351	<i>Ref1</i>	LD24793	pOT2	1322	FBgn0010774	<i>POLDIP3</i>	ENSG00000100227	Pstl: 5649 3000 408
P2352	<i>Ext2</i>	GH02288	pOT2	2709	FBgn0029175	<i>EXT2</i>	ENSG00000151348	Pstl: 5649 3832 555 408
P2353	<i>Uch</i>	GH02396	pOT2	1068	FBgn0010288	<i>UCHL1</i>	ENSG00000154277	Supplemental Table S1.
P2354	<i>LM408</i>	GH02419	pOT2	3505	FBgn0027611	<i>MAN2B1</i>	ENSG00000104774	Pstl: 5649 3675 1508 408
P2355	<i>Dic1</i>	GH02431	pOT2	1548	FBgn0027610	<i>SLC25A27</i>	ENSG00000153291	Pstl: 5649 2687 539 408
P2356	<i>morgue</i>	GH02435	pOT2	1698	FBgn0027609	<i>UBE2E2</i>	ENSG00000182247	Pstl: 5649 3376 408
P2357	<i>Rh3</i>	GH02505	pOT2	1397	FBgn0003249	<i>OPN3</i>	ENSG00000054277	Pstl: 5649 1866 1209 408
P2358	<i>MP1</i>	GH02921	pOT2	1483	FBgn0027930	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 3161 408
P2359	<i>CG8230</i>	GH02536	pOT2	2856	FBgn0027607	<i>DYM</i>	ENSG00000141627	Pstl: 5649 2439 1470 625 408
P2360	<i>Rh50</i>	GH03016	pOT2	1838	FBgn0028699	<i>RHCG</i>	ENSG00000140519	Pstl: 5649 1962 1554 408
P2361	<i>CG17712</i>	GH03377	pOT2	1446	FBgn0027597	<i>GFOD2</i>	ENSG00000141098	Pstl: 5649 2477 647 408
P2362	<i>Ppcs</i>	GH03502	pOT2	2174	FBgn0261285	<i>PPCS</i>	ENSG00000127125	Pstl: 5649 2314 1379 408 159
P2363	<i>Rich</i>	GH03694	pOT2	4803	FBgn0028500	<i>RIC1</i>	ENSG00000107036	Pstl: 5649 2160 993 571 498 489 423 408 397 296 189 180 144 63 45 33
P2364	<i>MED15</i>	GH03922	pOT2	2580	FBgn0027592	<i>MED15</i>	ENSG00000099917	Pstl: 5649 2301 1957 408
P2365	<i>CG7985</i>	GH04120	pOT2	2628	FBgn0028499	<i>HEXDC</i>	ENSG00000169660	Pstl: 5649 2018 1490 408 390 234 174
P2366	<i>Mitofilin</i>	GH04666	pOT2	2701	FBgn0019960	<i>IMMT</i>	ENSG00000132305	Pstl: 5649 2025 870 852 408 299 294 27 12
P2367	<i>Lim1</i>	GH04929	pOT2	3088	FBgn0026411	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2603 2163 408
P2368	<i>GCS2alpha</i>	GH04962	pOT2	3174	FBgn0027588	<i>GANC</i>	ENSG00000214013	Pstl: 5649 2870 1428 554 408
P2369	<i>CG7028</i>	GH04978	pOT2	3091	FBgn0027587	<i>PRPF4B</i>	ENSG00000112739	Pstl: 5649 1931 1904 537 408 201 151 45
P2370	<i>rtet</i>	LD28419	pOT2	1692	FBgn0028468	<i>MFSD10</i>	ENSG00000109736	Pstl: 5649 2050 633 462 408 225
P2371	<i>Madm</i>	LD28657	pOT2	2792	FBgn0027497	<i>NRBP1</i>	ENSG00000115216	Pstl: 5649 2833 1085 552 408
P2372	<i>wdb</i>	LD34343	pOT2	3658	FBgn0027492	<i>PPP2R5C</i>	ENSG00000078304	Pstl: 5649 2266 1362 1311 408 397
P2373	<i>CG11070</i>	LD34475	pOT2	3416	FBgn0028467	<i>UBE4A</i>	ENSG00000110344	Pstl: 5649 3832 546 478 408 238
P2374	<i>Nup93-1</i>	LD21129	pOT2	2756	FBgn0027537	<i>NUP93</i>	ENSG00000102900	Pstl: 5649 4080 408 300 54
P2375	<i>Aats-cys</i>	LD21177	pOT2	2448	FBgn0027091	<i>CARS2</i>	ENSG00000134905	Pstl: 5649 1754 1567 590 408 146 69
P2376	<i>botv</i>	LD21192	pOT2	3622	FBgn0027535	<i>EXTL3</i>	ENSG00000012232	Pstl: 5649 3724 909 667 408
P2377	<i>pen</i>	LD21304	pOT2	2368	FBgn0015527	<i>PUM3</i>	ENSG00000080608	Pstl: 5649 4046 408
P2378	<i>Ublcp1</i>	LD21504	pOT2	1200	FBgn0027526	<i>UBLCP1</i>	ENSG00000164332	Pstl: 5649 2878 408
P2379	<i>LTV1</i>	LD21529	pOT2	1665	FBgn0027525	<i>LTV1</i>	ENSG00000135521	Pstl: 5649 3343 408

P2380	<i>CG3909</i>	LD21537	pOT2	1092	FBgn0027524	<i>WDR61</i>	ENSG00000140395	Pstl: 5649 2770 408
P2381	<i>l(2)k14710</i>	LD21719	pOT2	3070	FBgn0021847	<i>TTC7A</i>	ENSG00000068724	Pstl: 5649 1917 1248 875 485 408 223
P2382	<i>Wdr24</i>	LD21720	pOT2	2720	FBgn0027518	<i>WDR24</i>	ENSG00000127580	Pstl: 5649 2272 1910 408 216
P2383	<i>filii</i>	LD21753	pOT2	4762	FBgn0000709	<i>FLII</i>	ENSG00000177731	Pstl: 5649 3264 1767 800 609 408
P2384	<i>CG7115</i>	LD21794	pOT2	2640	FBgn0027515	<i>PPM1L</i>	ENSG00000163590	Pstl: 5649 2267 2051 408
P2385	<i>Klp3A</i>	LD21815	pOT2	4044	FBgn0011606	<i>KIF4B</i>	ENSG00000226650	Pstl: 5649 2490 1195 786 627 408 348 276
P2386	<i>Rif1</i>	LD22218	pOT2	4601	FBgn0050085	<i>RIF1</i>	ENSG00000080345	Pstl: 5649 4587 1290 408 168 141 71 22
P2387	<i>CG1344</i>	LD22679	pOT2	2186	FBgn0027507	<i>SCYL3</i>	ENSG00000000457	Pstl: 5649 3864 408
P2388	<i>aub</i>	LD23107	pOT2	2761	FBgn0000146	<i>AGO3</i>	ENSG00000126070	Pstl: 5649 2618 1683 408 138
P2389	<i>CG11970</i>	LD23876	pOT2	5372	FBgn0027503	<i>NFRKB</i>	ENSG00000170322	Pstl: 5649 3053 1935 1062 948 408 52
P2390	<i>CG4757</i>	GH05741	pOT2	1733	FBgn0027584	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3411 408
P2391	<i>CG7601</i>	GH06026	pOT2	1206	FBgn0027583	<i>KDSR</i>	ENSG00000119537	Pstl: 5649 1876 1008 408
P2392	<i>eIF-2alpha</i>	GH06180	pOT2	1217	FBgn0261609	<i>EIF2S1</i>	ENSG00000134001	Pstl: 5649 2895 408
P2393	<i>PCB</i>	GH06348	pOT2	4371	FBgn0027580	<i>PC</i>	ENSG00000173599	Pstl: 5649 2535 1837 1317 408 360
P2394	<i>Aats-asn</i>	GH06451	pOT2	1983	FBgn0086443	<i>NARS</i>	ENSG00000134440	Pstl: 5649 2906 408 384 371
P2395	<i>mino</i>	GH07066	pOT2	3450	FBgn0027579	<i>GPAM</i>	ENSG00000119927	Pstl: 5649 5128 408
P2396	<i>CG5009</i>	GH07485	pOT2	2304	FBgn0027572	<i>ACOX2</i>	ENSG00000168306	Pstl: 5649 2154 1563 408 265
P2397	<i>Nep2</i>	GH07643	pOT2	2755	FBgn0027570	<i>MMEL1</i>	ENSG00000142606	Pstl: 5649 2270 864 792 507 408
P2398	<i>cert</i>	GH07688	pOT2	2566	FBgn0027569	<i>COL4A3BP</i>	ENSG00000113163	Pstl: 5649 2952 692 408 264 195 141
P2399	<i>Sap-r</i>	GH08312	pOT2	3448	FBgn0000416	<i>SFTPB</i>	ENSG00000168878	Pstl: 5649 2806 2320 408
P2400	<i>CG5498</i>	GH08385	pOT2	1536	FBgn0027565	<i>CHMP7</i>	ENSG00000147457	Pstl: 5649 1715 1499 408
P2401	<i>CG3149</i>	GH08388	pOT2	2021	FBgn0027564	<i>RFT1</i>	ENSG00000163933	Pstl: 5649 3699 408
P2402	<i>phtf</i>	GH08636	pOT2	3069	FBgn0028579	<i>PHTF2</i>	ENSG00000006576	Pstl: 5649 1938 1890 919 408
P2403	<i>pgant3</i>	GH09147	pOT2	2880	FBgn0027558	<i>GALNT3</i>	ENSG00000115339	Pstl: 5649 2122 1889 547 408
P2404	<i>betaCop</i>	GH09317	pOT2	3174	FBgn0008635	<i>COPB1</i>	ENSG00000129083	Pstl: 5649 2324 1612 532 408 384
P2405	<i>Axud1</i>	GH09817	pOT2	5146	FBgn0261647	<i>CSRNP3</i>	ENSG00000178662	Pstl: 5649 1807 1787 1754 705 408 215 196 174 153 33
P2406	<i>wal</i>	GH09945	pOT2	1215	FBgn0010516	<i>ETFA</i>	ENSG00000140374	Pstl: 5649 1900 993 408
P2407	<i>mbf1</i>	GH10148	pOT2	1052	FBgn0262732	<i>EDF1</i>	ENSG00000107223	Pstl: 5649 2730 408
P2408	<i>CG8042</i>	GH10229	pOT2	2165	FBgn0027554	<i>UBXN4</i>	ENSG00000144224	Pstl: 5649 2419 1424 408
P2409	<i>norpA</i>	GH10316	pOT2	3881	FBgn0262738	<i>PLCB2</i>	ENSG00000137841	Pstl: 5649 5559 408
P2410	<i>NELF-B</i>	GH10333	pOT2	2207	FBgn0027553	<i>NELFB</i>	ENSG00000188986	Pstl: 5649 2026 987 872 408
P2411	<i>CG10863</i>	GH10614	pOT2	1098	FBgn0027552	<i>AKR1B15</i>	ENSG00000227471	Pstl: 5649 2297 464 408 15
P2412	<i>Ack</i>	GH10777	pOT2	4392	FBgn0028484	<i>TNK2</i>	ENSG00000061938	Pstl: 5649 2142 1972 1194 519 408 243
P2413	<i>Nulp1</i>	GH11023	pOT2	2511	FBgn0027549	<i>TCF25</i>	ENSG00000141002	Pstl: 5649 1920 1855 408 276 138
P2414	<i>nito</i>	GH11110	pOT2	3113	FBgn0027548	<i>RBM15B</i>	ENSG00000259956	Pstl: 5649 2505 1669 617 408
P2415	<i>bdl</i>	GH11322	pOT2	2732	FBgn0028482	<i>IGSF9</i>	ENSG00000085552	Pstl: 5649 3225 1185 408
P2416	<i>CG4766</i>	GH11415	pOT2	2691	FBgn0027546	<i>MAB2L1</i>	ENSG00000180660	Pstl: 5649 2657 783 708 408 203 18
P2417	<i>Aats-gln</i>	GH11673	pOT2	2454	FBgn0027090	<i>QARS</i>	ENSG00000172053	Pstl: 5649 3638 494 408
P2418	<i>sip1</i>	GH11690	pOT2	2627	FBgn0024191	<i>TFIP11</i>	ENSG00000100109	Pstl: 5649 1878 1311 783 408 309 24
P2419	<i>CG4341</i>	GH12144	pOT2	4160	FBgn0028481	<i>TMTC2</i>	ENSG00000179104	Pstl: 5649 2506 1238 529 521 408 242 204 189 175 156 78
P2420	<i>Pfk</i>	GH12192	pOT2	3230	FBgn0003071	<i>PFKM</i>	ENSG00000152556	Pstl: 5649 2581 2327 408
P2421	<i>CG17841</i>	GH12326	pOT2	1836	FBgn0028480	<i>FAM57A</i>	ENSG00000167695	Pstl: 5649 2829 685 408
P2422	<i>tup</i>	GH12341	pOT2	3317	FBgn0003896	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2674 2321 408
P2423	<i>Mtpalpha</i>	GH12558	pOT2	2712	FBgn0028479	<i>HADHA</i>	ENSG00000084754	Pstl: 5649 2376 1665 408 349
P2424	<i>beta4GalNAcTA</i>	GH13356	pOT2	2269	FBgn0027538	<i>B4GALT3</i>	ENSG00000158850	Pstl: 5649 3497 450 408
P2425	<i>wde</i>	LD26050	pOT2	4812	FBgn0027499	<i>ATF7IP</i>	ENSG00000171681	Pstl: 5649 1882 1664 944 739 612 562 408 87
P2426	<i>epsilonCOP</i>	LD29885	pOT2	1100	FBgn0027496	<i>COPE</i>	ENSG00000105669	Pstl: 5649 1671 447 429 408 231
P2427	<i>Nab2</i>	LD27873	pOT2	3511	FBgn0028471	<i>ZC3H14</i>	ENSG00000100722	Pstl: 5649 5189 408

P2428	<i>Dbp73D</i>	LD27814	pOT2	2201	FBgn0004556	<i>DDX51</i>	ENSG00000185163	Pstl: 5649 2562 732 585 408
P2429	<i>CG6983</i>	GM13032	pOT2	1280	FBgn0035896	<i>C20orf27</i>	ENSG00000101220	Pstl: 5649 2393 449 408 116
P2430	<i>Prp38</i>	GM13395	pOT2	1180	FBgn0050342	<i>PRPF38A</i>	ENSG00000134748	Pstl: 5649 2340 518 408
P2431	<i>Prosalpha2</i>	GM13604	pOT2	877	FBgn0086134	<i>PSMA8</i>	ENSG00000154611	Pstl: 5649 2555 408
P2432	<i>CG3436</i>	GM13767	pOT2	1252	FBgn0031229	<i>SNRNP40</i>	ENSG00000060688	Pstl: 5649 2585 408 345
P2433	<i>Rac2</i>	GM13874	pOT2	1263	FBgn0014011	<i>RAC1</i>	ENSG00000136238	Pstl: 5649 2941 408
P2434	<i>RpL13A</i>	GM13948	pOT2	721	FBgn0037351	<i>RPL13A</i>	ENSG00000142541	Pstl: 5649 2399 408
P2435	<i>Ip259</i>	GM13959	pOT2	907	FBgn0025366	<i>NSA2</i>	ENSG00000164346	Pstl: 5649 2585 408
P2436	<i>CG2611</i>	GM14307	pOT2	669	FBgn0032871	<i>TMEM230</i>	ENSG00000089063	Pstl: 5649 2347 408
P2437	<i>Ran</i>	GM14354	pOT2	1109	FBgn0020255	<i>RAN</i>	ENSG00000132341	Pstl: 5649 2787 408
P2439	<i>Cyt-c1</i>	GM14501	pOT2	1163	FBgn0035600	<i>CYC1</i>	ENSG00000179091	Pstl: 5649 2496 408 345
P2440	<i>CG6153</i>	GM14633	pOT2	765	FBgn0032445	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 2199 408 244
P2441	<i>Jafrac1</i>	GM14788	pOT2	1006	FBgn0040309	<i>PRDX3</i>	ENSG00000165672	Pstl: 5649 1631 873 408 180
P2442	<i>Pfdn5</i>	GM14877	pOT2	688	FBgn0038976	<i>PFDN5</i>	ENSG00000123349	Pstl: 5649 1671 695 408
P2443	<i>Gbeta76C</i>	HL07966	pOT2	1455	FBgn0004623	<i>GNB5</i>	ENSG00000069966	Pstl: 5649 3133 408
P2444	<i>mal</i>	HL08052	pOT2	2738	FBgn0002641	<i>MOCOS</i>	ENSG00000075643	Pstl: 5649 1943 1302 492 408 394 285
P2445	<i>Cdc42</i>	HL08128	pOT2	1443	FBgn0010341	<i>RAC1</i>	ENSG00000136238	Pstl: 5649 3121 408
P2446	<i>Cchl</i>	HL08191	pOT2	1187	FBgn0038925	<i>HCCS</i>	ENSG00000004961	Pstl: 5649 2865 408
P2447	<i>Prp18</i>	LD21120	pOT2	1304	FBgn0027784	<i>PRPF18</i>	ENSG00000165630	Pstl: 5649 2374 408 332 276
P2448	<i>GstS1</i>	LD21131	pOT2	1394	FBgn0010226	<i>HPGDS</i>	ENSG00000163106	Pstl: 5649 2317 755 408
P2449	<i>Mob4</i>	LD21194	pOT2	1380	FBgn0259483	<i>MOB4</i>	ENSG00000115540	Pstl: 5649 2438 620 408
P2450	<i>mRpL16</i>	LD21404	pOT2	848	FBgn0023519	<i>MRPL16</i>	ENSG00000166902	Pstl: 5649 1796 730 408
P2451	<i>CG1750</i>	LD21457	pOT2	1042	FBgn0039836	<i>MTFMT</i>	ENSG00000103707	Pstl: 5649 2720 408
P2452	<i>CG12129</i>	LD21545	pOT2	1270	FBgn0033475	<i>ASCC1</i>	ENSG00000138303	Pstl: 5649 2948 408
P2453	<i>His2Av</i>	LD21568	pOT2	904	FBgn0001197	<i>H2AFZ</i>	ENSG00000164032	Pstl: 5649 2143 439 408
P2454	<i>Atac1</i>	LD21610	pOT2	1196	FBgn0031876	<i>ZZZ3</i>	ENSG00000036549	Pstl: 5649 2583 408 196 95
P2455	<i>Rala</i>	LD21679	pOT2	2175	FBgn0015286	<i>NRAS</i>	ENSG00000213281	Pstl: 5649 2663 685 505 408
P2456	<i>l(2)dtl</i>	LD21681	pOT2	2657	FBgn0013548	<i>DTL</i>	ENSG00000143476	Pstl: 5649 2314 1489 532 408
P2457	<i>Pisd</i>	LD21713	pOT2	1907	FBgn0026576	<i>PISD</i>	ENSG00000241878	Pstl: 5649 2992 593 408
P2458	<i>CG9853</i>	LD21829	pOT2	1354	FBgn0086605	<i>GET4</i>	ENSG00000239857	Pstl: 5649 2119 882 408 31
P2459	<i>BigH1</i>	LD21907	pOT2	1260	FBgn0038252	<i>H1FO</i>	ENSG00000189060	Pstl: 5649 2938 408
P2460	<i>CG5220</i>	LD21957	pOT2	1056	FBgn0038471	<i>FTSJ1</i>	ENSG00000068438	Pstl: 5649 2236 498 408
P2461	<i>CG11583</i>	LD22010	pOT2	1254	FBgn0035524	<i>BRIX1</i>	ENSG00000113460	Pstl: 5649 1706 1226 408
P2462	<i>Alg1</i>	LD22559	pOT2	1625	FBgn0038552	<i>ALG1L2</i>	ENSG00000251287	Pstl: 5649 2534 769 408
P2463	<i>Nfs1</i>	LD22661	pOT2	1552	FBgn0032393	<i>NFS1</i>	ENSG00000244005	Pstl: 5649 3230 408
P2464	<i>MESR6</i>	LD22716	pOT2	1738	FBgn0036846	<i>C5orf22</i>	ENSG00000082213	Pstl: 5649 2075 424 408 384 303 206 24
P2466	<i>JMJD4</i>	LD23523	pOT2	1492	FBgn0032671	<i>JMJD4</i>	ENSG00000081692	Pstl: 5649 3170 408
P2467	<i>Nup35</i>	LD23604	pOT2	1211	FBgn0030943	<i>NUP35</i>	ENSG00000163002	Pstl: 5649 2049 603 408 237
P2468	<i>Tal</i>	LD23608	pOT2	1111	FBgn0023477	<i>TALDO1</i>	ENSG00000177156	Pstl: 5649 1798 991 408
P2469	<i>Set</i>	LD23703	pOT2	1165	FBgn0014879	<i>TSPY2</i>	ENSG00000168757	Pstl: 5649 1911 932 408
P2470	<i>SdhB</i>	LD23740	pOT2	1247	FBgn0014028	<i>SDHB</i>	ENSG00000117118	Pstl: 5649 2108 769 408 48
P2471	<i>Tango7</i>	LD23767	pOT2	1396	FBgn0033902	<i>EIF3M</i>	ENSG00000149100	Pstl: 5649 1780 1135 408 159
P2472	<i>Tom40</i>	LD23842	pOT2	1671	FBgn0016041	<i>TOMM40L</i>	ENSG00000158882	Pstl: 5649 2317 1032 408
P2473	<i>AdipoR</i>	LD23846	pOT2	1785	FBgn0038984	<i>ADIPOR1</i>	ENSG00000159346	Pstl: 5649 2589 874 408
P2474	<i>RnpS1</i>	LD23870	pOT2	1353	FBgn0037707	<i>RNPS1</i>	ENSG00000205937	Pstl: 5649 3031 408
P2475	<i>dhd</i>	LD23983	pOT2	772	FBgn0011761	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 2450 408
P2476	<i>CG10932</i>	LD24105	pOT2	1502	FBgn0029969	<i>ACAA2</i>	ENSG00000167315	Pstl: 5649 2929 408 251
P2477	<i>CG1789</i>	LD24239	pOT2	841	FBgn0030063	<i>UTP11</i>	ENSG00000183520	Pstl: 5649 2519 408

P2478	BCAS2	LD24242	pOT2	981	FBgn0039558	BCAS2	ENSG00000116752	Pstl: 5649 2032 627 408
P2479	eIF3g1	LD24347	pOT2	1076	FBgn0029629	EIF3G	ENSG00000130811	Pstl: 5649 2754 408
P2480	ben	LD24448	pOT2	861	FBgn0000173	UBE2N	ENSG00000177889	Pstl: 5649 1855 684 408
P2481	Spn27A	LD24467	pOT2	1552	FBgn0028990	SERPINA7	ENSG00000123561	Pstl: 5649 1792 888 550 408
P2482	CG4882	LD24471	pOT2	1369	FBgn0025336	MRPS27	ENSG00000113048	Pstl: 5649 2025 1022 408
P2483	HmgD	LD24628	pOT2	944	FBgn0004362	HMG20A	ENSG00000140382	Pstl: 5649 2622 408
P2485	pch2	LD24646	pOT2	1452	FBgn0051453	TRIP13	ENSG00000071539	Pstl: 5649 1933 1197 408
P2486	CG5522	LD24677	pOT2	2352	FBgn0034158	RALGPS2	ENSG00000116191	Pstl: 5649 2410 1620 408
P2487	CG2767	LD24679	pOT2	1267	FBgn0037537	AKR1B15	ENSG00000227471	Pstl: 5649 2945 408
P2488	CG9436	LD24696	pOT2	1306	FBgn0033101	AKR1B15	ENSG00000227471	Pstl: 5649 2984 408
P2489	Sgt	LD24721	pOT2	1270	FBgn0032640	DNAJC24	ENSG00000170946	Pstl: 5649 2320 408 334 294
P2490	CstF-50	LD24780	pOT2	1355	FBgn0039867	CSTF1	ENSG00000101138	Pstl: 5649 3033 408
P2491	Scsalpha	LD24889	pOT2	1250	FBgn0004888	SUCLG1	ENSG00000163541	Pstl: 5649 2928 408
P2492	Arf79F	LD24904	pOT2	1360	FBgn0010348	ARF4	ENSG00000168374	Pstl: 5649 3038 408
P2493	arg	GH02581	pOT2	1278	FBgn0023535	ARG1	ENSG00000118520	Pstl: 5649 2474 482 408
P2494	Sod2	GH02759	pOT2	911	FBgn0010213	SOD2	ENSG00000112096	Pstl: 5649 1767 822 408
P2495	Reg-2	GH02773	pOT2	890	FBgn0016715	HDHD3	ENSG00000119431	Pstl: 5649 1903 665 408
P2496	Gdap2	GH03014	pOT2	2678	FBgn0042135	MACROD2	ENSG00000172264	Pstl: 5649 3333 1023 408
P2497	CG15012	GH03029	pOT2	844	FBgn0035528	TMEM50A	ENSG00000183726	Pstl: 5649 2522 408
P2498	Gclm	GH03051	pOT2	1257	FBgn0046114	GCLM	ENSG00000023909	Pstl: 5649 1962 718 408 255
P2499	CG12744	GH03826	pOT2	889	FBgn0033459	PLAG1	ENSG00000181690	Pstl: 5649 2567 408
P2500	eIF4E-3	GH04024	pOT2	998	FBgn0265089	EIF4E	ENSG00000151247	Pstl: 5649 2676 408
P2501	Ptpa	GH04025	pOT2	1408	FBgn0016698	PTPA	ENSG00000119383	Pstl: 5649 2292 725 408 69
P2502	Sptr	GH04031	pOT2	1144	FBgn0014032	SPR	ENSG00000116096	Pstl: 5649 2822 408
P2503	Spn42Dd	GH04125	pOT2	1186	FBgn0028988	SERPINA7	ENSG00000123561	Pstl: 5649 2511 408 353
P2504	CG6405	GH04442	pOT2	1354	FBgn0032428	FAM92A	ENSG00000188343	Pstl: 5649 1689 1343 408
P2505	CG8206	GH04557	pOT2	1019	FBgn0030679	DNLZ	ENSG00000213221	Pstl: 5649 2446 408 251
P2506	CG10366	GH04589	pOT2	2057	FBgn0032814	ZNF563	ENSG00000188868	Pstl: 5649 2732 562 441 408
P2507	CG14997	GH04863	pOT2	1604	FBgn0035515	SQOR	ENSG00000137767	Pstl: 5649 2086 659 537 408
P2508	rtp	GH04877	pOT2	943	FBgn0087005	MORN4	ENSG00000171160	Pstl: 5649 2217 408 404
P2509	CG2091	GH04919	pOT2	1347	FBgn0037372	DCPS	ENSG00000110063	Pstl: 5649 3025 408
P2510	CHOp24	GH04989	pOT2	1093	FBgn0029709	TMED7	ENSG00000134970	Pstl: 5649 2616 408 155
P2511	mRpS30	GH05406	pOT2	1824	FBgn0030692	MRPS30	ENSG00000112996	Pstl: 5649 2283 486 411 408 164 158
P2512	CG9356	GH05665	pOT2	1543	FBgn0037688	HIBCH	ENSG00000198130	Pstl: 5649 2247 974 408
P2513	Tsp42Ea	GH05668	pOT2	1120	FBgn0029508	TSPAN9	ENSG00000011105	Pstl: 5649 2024 774 408
P2514	qkr58E-1	GH05812	pOT2	1637	FBgn0022986	KHDRBS2	ENSG00000112232	Pstl: 5649 2585 484 408 246
P2515	CG3700	GH06673	pOT2	1175	FBgn0034796	KLK9	ENSG00000213022	Pstl: 5649 2853 408
P2516	CG1662	GH06679	pOT2	1264	FBgn0030481	MPV17	ENSG00000115204	Pstl: 5649 2942 408
P2517	CG15093	GH06781	pOT2	1238	FBgn0034390	HIBADH	ENSG00000106049	Pstl: 5649 2916 408
P2518	Hacd1	GH07085	pOT2	1044	FBgn0032394	HACD2	ENSG00000206527	Pstl: 5649 2722 408
P2519	CG13920	GH07209	pOT2	1231	FBgn0025712	TMEM35A	ENSG00000126950	Pstl: 5649 2909 408
P2520	RplI33	GH07456	pOT2	950	FBgn0026373	POLR2C	ENSG00000102978	Pstl: 5649 1649 534 445 408
P2521	Cyp6d5	GH07481	pOT2	1643	FBgn0038194	CYP4F3	ENSG00000186529	Pstl: 5649 2313 788 408 220
P2522	CG6218	GH07590	pOT2	1314	FBgn0038321	NAGK	ENSG00000124357	Pstl: 5649 1892 1100 408
P2523	CG3223	GH08043	pOT2	1488	FBgn0037538	UBL7	ENSG00000138629	Pstl: 5649 2593 417 408 156
P2524	CG42271	GH08220	pOT2	1353	FBgn0259166	INPP4A	ENSG00000040933	Pstl: 5649 3031 408
P2525	nmd	GH08677	pOT2	1282	FBgn0005322	ATAD1	ENSG00000138138	Pstl: 5649 2741 408 219
P2526	Kyat	GH08974	pOT2	1584	FBgn0037955	KYAT1	ENSG00000171097	Pstl: 5649 2022 1240 408

P2527	<i>Naxd</i>	GH09035	pOT2	1212	FBgn0036848	<i>NAXD</i>	ENSG00000213995	Pstl: 5649 1972 722 408 196
P2528	<i>kraken</i>	GH09173	pOT2	1322	FBgn0020545	<i>SERHL2</i>	ENSG00000183569	Pstl: 5649 2606 408 394
P2529	<i>wol</i>	GH09240	pOT2	1339	FBgn0261020	<i>ALG5</i>	ENSG00000120697	Pstl: 5649 3017 408
P2530	<i>Wdr82</i>	GH09638	pOT2	1090	FBgn0032030	<i>WDR82</i>	ENSG00000164091	Pstl: 5649 2449 408 319
P2531	<i>CG8080</i>	GH09647	pOT2	1729	FBgn0033373	<i>NADK2</i>	ENSG00000152620	Pstl: 5649 3407 408
P2532	<i>CG8134</i>	GH09650	pOT2	1440	FBgn0030671	<i>F8A3</i>	ENSG00000277150	Pstl: 5649 2240 767 408 111
P2533	<i>Cyp4d2</i>	GH09810	pOT2	1628	FBgn0011576	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2128 1028 408 150
P2534	<i>CG32445</i>	GH10091	pOT2	1348	FBgn0052445	<i>GALM</i>	ENSG00000143891	Pstl: 5649 2370 656 408
P2535	<i>Mpc1</i>	GH10244	pOT2	1034	FBgn0038662	<i>MPC1</i>	ENSG00000060762	Pstl: 5649 2446 408 266
P2536	<i>viaf</i>	GH10422	pOT2	1171	FBgn0036237	<i>PDCL3</i>	ENSG00000115539	Pstl: 5649 2849 408
P2537	<i>ClpP</i>	GH10833	pOT2	1005	FBgn0032229	<i>CLPP</i>	ENSG00000125656	Pstl: 5649 2683 408
P2538	<i>DNasell</i>	GH10876	pOT2	1227	FBgn0000477	<i>DNASE2</i>	ENSG00000105612	Pstl: 5649 2905 408
P2539	<i>Mip</i>	GH11008	pOT2	1403	FBgn0036713	<i>NEFL</i>	ENSG00000277586	Pstl: 5649 2446 635 408
P2540	<i>QC</i>	GH11174	pOT2	1141	FBgn0052412	<i>QPCTL</i>	ENSG00000011478	Pstl: 5649 2201 618 408
P2541	<i>Rab18</i>	GH11193	pOT2	811	FBgn0015794	<i>RAB18</i>	ENSG00000099246	Pstl: 5649 2489 408
P2542	<i>CG11236</i>	GH12548	pOT2	1178	FBgn0031860	<i>DAO</i>	ENSG00000110887	Pstl: 5649 2856 408
P2543	<i>7B2</i>	GH01053	pOT2	1128	FBgn0041707	<i>SCG5</i>	ENSG00000166922	Pstl: 5649 2203 603 408
P2544	<i>Jon65Aiii</i>	GH01508	pOT2	876	FBgn0035665	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1854 700 408
P2545	<i>E(spl)mbeta-HLH</i>	GH01842	pOT2	975	FBgn0002733	<i>HES6</i>	ENSG00000144485	Pstl: 5649 1864 789 408
P2546	<i>CG7506</i>	GH02466	pOT2	786	FBgn0035805	<i>TMEM70</i>	ENSG00000175606	Pstl: 5649 2066 408 283 115
P2547	<i>CG9400</i>	GH04057	pOT2	1173	FBgn0030562	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2642 408 209
P2548	<i>CG9804</i>	GH04831	pOT2	1126	FBgn0037251	<i>LIPT2</i>	ENSG00000175536	Pstl: 5649 1915 889 408
P2549	<i>rdhB</i>	GH05294	pOT2	979	FBgn0038946	<i>DHRS11</i>	ENSG00000278535	Pstl: 5649 1712 867 408 78
P2551	<i>CG4377</i>	GH06474	pOT2	795	FBgn0034664	<i>LYNX1</i>	ENSG00000180155	Pstl: 5649 2473 408
P2552	<i>GXIVsPLA2</i>	GH07145	pOT2	961	FBgn0036545	<i>PLA2G12B</i>	ENSG00000138308	Pstl: 5649 2639 408
P2553	<i>CG5412</i>	GH07367	pOT2	1018	FBgn0038806	<i>OVCA2</i>	ENSG00000262664	Pstl: 5649 1768 928 408
P2554	<i>Theg</i>	GH07879	pOT2	1299	FBgn0038921	<i>THEG</i>	ENSG00000105549	Pstl: 5649 2678 408 299
P2555	<i>Prosbeta4R2</i>	GH07971	pOT2	1321	FBgn0031443	<i>PSMB2</i>	ENSG00000126067	Pstl: 5649 2347 652 408
P2556	<i>ninaA</i>	GH08867	pOT2	849	FBgn0002936	<i>PPIAL4A</i>	ENSG00000263353	Pstl: 5649 2527 408
P2557	<i>Syx16</i>	GH10149	pOT2	1260	FBgn0031106	<i>STX16</i>	ENSG00000124222	Pstl: 5649 2082 408 367 303 186
P2558	<i>CG6980</i>	GH10293	pOT2	915	FBgn0039228	<i>TTC12</i>	ENSG00000149292	Pstl: 5649 1831 447 408 315
P2559	<i>CG5577</i>	GH10306	pOT2	1018	FBgn0036759	<i>PGP</i>	ENSG00000184207	Pstl: 5649 1955 413 408 328
P2560	<i>Rheb</i>	GH10361	pOT2	1040	FBgn0041191	<i>RHEB</i>	ENSG00000106615	Pstl: 5649 2718 408
P2561	<i>sel</i>	GH10427	pOT2	996	FBgn0263260	<i>CNPY2</i>	ENSG00000257727	Pstl: 5649 2428 408 246
P2562	<i>Dci</i>	GH11143	pOT2	1135	FBgn0035169	<i>ECI2</i>	ENSG00000198721	Pstl: 5649 2015 461 408 337
P2563	<i>gammaSnap</i>	GH13039	pOT2	1086	FBgn0028552	<i>NAPG</i>	ENSG00000134265	Pstl: 5649 1888 876 408
P2564	<i>CG30281</i>	GH13859	pOT2	1027	FBgn0050281	<i>ANGPTL2</i>	ENSG00000136859	Pstl: 5649 2705 408
P2565	<i>CG11912</i>	GH13929	pOT2	900	FBgn0031248	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2578 408
P2566	<i>CG10252</i>	GH13953	pOT2	841	FBgn0039104	<i>ODF3B</i>	ENSG00000177989	Pstl: 5649 2519 408
P2567	<i>CG3184</i>	GH14157	pOT2	1193	FBgn0029892	<i>DPH7</i>	ENSG00000148399	Pstl: 5649 2333 538 408
P2568	<i>CG7054</i>	GH14779	pOT2	847	FBgn0038972	<i>ZNF302</i>	ENSG00000089335	Pstl: 5649 2525 408
P2569	<i>bonsai</i>	GH15448	pOT2	987	FBgn0026261	<i>MRPS15</i>	ENSG00000116898	Pstl: 5649 1676 558 408 284 147
P2570	<i>Fibp</i>	GH16593	pOT2	1130	FBgn0036911	<i>FIBP</i>	ENSG00000172500	Pstl: 5649 2808 408
P2571	<i>CG8952</i>	GH17088	pOT2	904	FBgn0030688	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 2582 408
P2572	<i>CG5339</i>	GH17155	pOT2	1239	FBgn0034925	<i>METTL9</i>	ENSG00000197006	Pstl: 5649 2131 480 408 306
P2573	<i>Trs31</i>	GH17639	pOT2	669	FBgn0266723	<i>TRAPPC5</i>	ENSG00000181029	Pstl: 5649 2347 408
P2574	<i>Oli</i>	GH17679	pOT2	1086	FBgn0032651	<i>OLIG3</i>	ENSG00000177468	Pstl: 5649 2764 408
P2575	<i>CG3663</i>	GH17932	pOT2	782	FBgn0035044	<i>ISOC1</i>	ENSG00000066583	Pstl: 5649 2460 408

P2576	CG3397	GH17980	pOT2	1191	FBgn0037975	SRM	ENSG00000116649	Pstl: 5649 1764 1105 408
P2577	Scsalpha2	GH18334	pOT2	1188	FBgn0038708	SUCLG1	ENSG00000163541	Pstl: 5649 2866 408
P2578	Ufd1-like	GH18603	pOT2	1204	FBgn0036136	UFD1	ENSG00000070010	Pstl: 5649 2882 408
P2579	ATPsynF	GH18886	pOT2	566	FBgn0035032	ATP5J2	ENSG00000241468	Pstl: 5649 2244 408
P2580	CG5862	GH18921	pOT2	1073	FBgn0038868	DDR GK1	ENSG00000198171	Pstl: 5649 1819 629 408 303
P2581	CG12375	GH20064	pOT2	1143	FBgn0031987	LACTB2	ENSG00000147592	Pstl: 5649 1902 919 408
P2582	DENR	GH20858	pOT2	732	FBgn0030802	DENR	ENSG00000139726	Pstl: 5649 2410 408
P2583	CG6833	GH21710	pOT2	1210	FBgn0036405	ISG20	ENSG00000172183	Pstl: 5649 2888 408
P2584	lectin-46Ca	GH21870	pOT2	1124	FBgn0040093	COLEC11	ENSG00000118004	Pstl: 5649 2331 471 408
P2585	CG6984	GH22096	pOT2	1022	FBgn0034191	ECHDC3	ENSG00000134463	Pstl: 5649 1918 563 408 219
P2586	Dgat2	GH22719	pOT2	1280	FBgn0033215	DGAT2L6	ENSG00000184210	Pstl: 5649 2620 408 338
P2587	CG10126	GH22994	pOT2	901	FBgn0038088	CAPS	ENSG00000105519	Pstl: 5649 2579 408
P2588	CG6028	GH23390	pOT2	1105	FBgn0038924	FAHD2B	ENSG00000144199	Pstl: 5649 2783 408
P2589	ND-15	GH23780	pOT2	633	FBgn0031228	NDUFS5	ENSG00000168653	Pstl: 5649 2311 408
P2590	CG7655	GH23865	pOT2	983	FBgn0038536	NRM	ENSG00000137404	Pstl: 5649 1716 567 408 378
P2591	scpr-B	GH25284	pOT2	919	FBgn0037888	PI15	ENSG00000137558	Pstl: 5649 2597 408
P2592	Jafrac2	GH25379	pOT2	1045	FBgn0040308	PRDX3	ENSG00000165672	Pstl: 5649 2362 408 361
P2593	Vps29	GH25884	pOT2	1003	FBgn0031310	VPS29	ENSG00000111237	Pstl: 5649 2681 408
P2594	Send1	GH26248	pOT2	895	FBgn0031406	TMPRSS11D	ENSG00000153802	Pstl: 5649 2573 408
P2595	Chmp1	GH26351	pOT2	820	FBgn0036805	CHMP2B	ENSG00000083937	Pstl: 5649 2498 408
P2596	CG15084	GH26994	pOT2	1128	FBgn0034402	CCDC130	ENSG00000104957	Pstl: 5649 2806 408
P2597	CG17765	GH27120	pOT2	969	FBgn0033529	CAPNS2	ENSG00000256812	Pstl: 5649 2647 408
P2598	Hsp27	GM13686	pOT2	1229	FBgn0001226	HSPB8	ENSG00000152137	Pstl: 5649 2907 408
P2599	l(1)G0004	LD21667	pOT2	944	FBgn0027334	PNO1	ENSG00000115946	Pstl: 5649 2056 491 408 75
P2600	CG6617	LD25271	pOT2	980	FBgn0030944	GID8	ENSG00000101193	Pstl: 5649 2045 408 340 264 9
P2601	AnxB10	LD25605	pOT2	1235	FBgn0000084	ANXA1	ENSG00000135046	Pstl: 5649 2913 408
P2602	CG11836	LD25830	pOT2	1137	FBgn0039272	KLK9	ENSG00000213022	Pstl: 5649 2815 408
P2603	CG31441	LD25880	pOT2	1237	FBgn0051441	ZNF563	ENSG00000188868	Pstl: 5649 2051 864 408
P2604	Dera	LD25963	pOT2	1243	FBgn0033735	DERA	ENSG00000023697	Pstl: 5649 2258 651 408 12
P2605	akirin	LD26817	pOT2	1267	FBgn0082598	AKIRIN2	ENSG00000135334	Pstl: 5649 2447 498 408
P2606	CG8237	LD27256	pOT2	1220	FBgn0033350	FAM8A1	ENSG00000137414	Pstl: 5649 2415 483 408
P2607	CG6005	LD27322	pOT2	1310	FBgn0038672	WDR91	ENSG00000105875	Pstl: 5649 2418 570 408
P2608	CG7407	LD29166	pOT2	1010	FBgn0037134	MXRA7	ENSG00000182534	Pstl: 5649 2688 408
P2609	Gie	LD29185	pOT2	897	FBgn0037551	ARL8A	ENSG00000143862	Pstl: 5649 1834 438 408 303
P2610	CG8461	LD29276	pOT2	869	FBgn0038235	RRP36	ENSG00000124541	Pstl: 5649 2547 408
P2611	Ubc12	LD29377	pOT2	904	FBgn0035853	UBE2F	ENSG00000184182	Pstl: 5649 1848 734 408
P2612	P32	LD29590	pOT2	1141	FBgn0034259	C1QBP	ENSG00000108561	Pstl: 5649 2099 720 408
P2613	CG9107	LD29822	pOT2	933	FBgn0031764	RRP7A	ENSG00000189306	Pstl: 5649 2611 408
P2614	CG5704	LD30049	pOT2	1210	FBgn0026570	SERHL2	ENSG00000183569	Pstl: 5649 2888 408
P2615	CG4968	LD30683	pOT2	1032	FBgn0032214	OTUB2	ENSG00000089723	Supplemental Table S1.
P2616	NAA20	LD30731	pOT2	1190	FBgn0031043	NAA20	ENSG00000173418	Pstl: 5649 2868 408
P2617	Arl5	LD31204	pOT2	1291	FBgn0035866	ARL5C	ENSG00000141748	Pstl: 5649 2389 580 408
P2618	CG5181	LD31278	pOT2	1216	FBgn0031909	NABP1	ENSG00000173559	Pstl: 5649 2894 408
P2619	CG8149	LD31448	pOT2	1149	FBgn0037700	SARNP	ENSG00000205323	Pstl: 5649 2203 408 337 287
P2620	ND-20	LD31474	pOT2	879	FBgn0030718	NDUFS7	ENSG00000115286	Pstl: 5649 1760 797 408
P2621	CG12909	LD31988	pOT2	1052	FBgn0033507	LYAR	ENSG00000145220	Pstl: 5649 2730 408
P2622	RpS9	LD32106	pOT2	915	FBgn0010408	RPS9	ENSG00000170889	Pstl: 5649 2079 514 408
P2623	CG42375	LD32260	pOT2	1113	FBgn0259721	CMC2	ENSG00000103121	Pstl: 5649 2791 408

P2624	<i>CG12253</i>	LD32974	pOT2	1246	FBgn0026148	<i>HARBI1</i>	ENSG00000180423	Pstl: 5649 2924 408
P2625	<i>Prosalpha5</i>	LD33318	pOT2	888	FBgn0016697	<i>PSMA8</i>	ENSG00000154611	Pstl: 5649 1799 767 408
P2626	<i>mRpl4</i>	LD33485	pOT2	992	FBgn0001995	<i>MRPL4</i>	ENSG00000105364	Pstl: 5649 1708 962 408
P2627	<i>Aos1</i>	LD33652	pOT2	1185	FBgn0029512	<i>SAE1</i>	ENSG00000142230	Pstl: 5649 2109 754 408
P2628	<i>SeIT</i>	LD33828	pOT2	957	FBgn0031670	<i>SELENOT</i>	ENSG00000198843	Pstl: 5649 1855 723 408 57
P2629	<i>MME1</i>	LD34154	pOT2	1190	FBgn0031881	<i>SLC25A2</i>	ENSG00000120329	Pstl: 5649 2074 794 408
P2630	<i>Torsin</i>	LD34179	pOT2	1174	FBgn0025615	<i>TOR1B</i>	ENSG00000136816	Pstl: 5649 2852 408
P2632	<i>Tom20</i>	LD34461	pOT2	733	FBgn0036928	<i>TOMM20</i>	ENSG00000173726	Pstl: 5649 1888 523 408
P2633	<i>CG8142</i>	LD35209	pOT2	1174	FBgn0030871	<i>RFC2</i>	ENSG00000049541	Pstl: 5649 1668 1160 408 24
P2634	<i>cyp33</i>	LD35248	pOT2	946	FBgn0028382	<i>PPIAL4A</i>	ENSG00000263353	Pstl: 5649 2624 408
P2635	<i>MED31</i>	LD35644	pOT2	1115	FBgn0037262	<i>MED31</i>	ENSG00000108590	Pstl: 5649 1905 618 408 126 72 72
P2636	<i>CycC</i>	LD35705	pOT2	1131	FBgn0004597	<i>CCNC</i>	ENSG00000112237	Pstl: 5649 2060 749 408
P2637	<i>CG11837</i>	LD35950	pOT2	1104	FBgn0039627	<i>DIMT1</i>	ENSG00000086189	Pstl: 5649 2254 528 408
P2638	<i>CHMP2B</i>	LD36173	pOT2	818	FBgn0035589	<i>CHMP2B</i>	ENSG00000083937	Pstl: 5649 2496 408
P2639	<i>Taf12</i>	LD36256	pOT2	1066	FBgn0011290	<i>TAF12</i>	ENSG00000120656	Pstl: 5649 2744 408
P2640	<i>CG1532</i>	LD36566	pOT2	1022	FBgn0031143	<i>GLOD4</i>	ENSG00000167699	Pstl: 5649 2700 408
P2641	<i>Dlc90F</i>	LD36705	pOT2	820	FBgn0024432	<i>DYNLT1</i>	ENSG00000146425	Pstl: 5649 2498 408
P2642	<i>CG6347</i>	LD36817	pOT2	1318	FBgn0033874	<i>CTSW</i>	ENSG00000172543	Pstl: 5649 2672 408 273 51
P2643	<i>Noa36</i>	LD37139	pOT2	1143	FBgn0026400	<i>ZNF330</i>	ENSG00000109445	Pstl: 5649 2251 570 408
P2644	<i>MCTS1</i>	LD37358	pOT2	789	FBgn0029833	<i>MCTS1</i>	ENSG00000232119	Pstl: 5649 2467 408
P2645	<i>CG11035</i>	LD38634	pOT2	834	FBgn0037544	<i>DNAJC30</i>	ENSG00000176410	Pstl: 5649 2512 408
P2646	<i>CG8441</i>	LD38910	pOT2	844	FBgn0034086	<i>PRKRIP1</i>	ENSG00000128563	Pstl: 5649 2522 408
P2647	<i>CG17904</i>	LD39271	pOT2	1060	FBgn0032597	<i>NUBP1</i>	ENSG00000103274	Pstl: 5649 2443 408 295
P2648	<i>asf1</i>	LD39377	pOT2	1131	FBgn0029094	<i>ASF1A</i>	ENSG00000111875	Pstl: 5649 2809 408
P2649	<i>ial</i>	LD39409	pOT2	1169	FBgn0024227	<i>AURKB</i>	ENSG00000178999	Pstl: 5649 1674 1167 408 6
P2650	<i>CG6523</i>	LD40224	pOT2	841	FBgn0032509	<i>GLRX5</i>	ENSG00000182512	Pstl: 5649 2147 408 372
P2651	<i>RFC4</i>	LD40483	pOT2	1130	FBgn00260985	<i>RFC2</i>	ENSG00000049541	Pstl: 5649 1676 835 408 297
P2652	<i>TFAM</i>	LD40493	pOT2	1050	FBgn0038805	<i>HMG20A</i>	ENSG00000140382	Pstl: 5649 2165 563 408
P2653	<i>PQBP1</i>	LD40504	pOT2	828	FBgn0039270	<i>PQBP1</i>	ENSG00000102103	Pstl: 5649 2506 408
P2654	<i>Rae1</i>	LD40776	pOT2	1201	FBgn0034646	<i>RAE1</i>	ENSG00000101146	Pstl: 5649 2147 732 408
P2655	<i>CG4408</i>	LD41739	pOT2	1697	FBgn0039073	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 3375 408
P2656	<i>Vlet</i>	LD41421	pOT2	1137	FBgn0030323	<i>COMMD10</i>	ENSG00000145781	Pstl: 5649 2231 584 408
P2657	<i>Spase25</i>	LD42119	pOT2	805	FBgn0030306	<i>SPCS2</i>	ENSG00000118363	Pstl: 5649 1881 602 408
P2658	<i>CG4036</i>	LD42289	pOT2	987	FBgn0032149	<i>APEX1</i>	ENSG00000100823	Pstl: 5649 2352 408 313
P2659	<i>CG8321</i>	LD43023	pOT2	1211	FBgn0033677	<i>ARL6IP6</i>	ENSG00000177917	Pstl: 5649 2889 408
P2660	<i>CG18094</i>	LD43867	pOT2	997	FBgn0032791	<i>NUDT19</i>	ENSG00000213965	Pstl: 5649 1632 1043 408
P2661	<i>unc-119</i>	LD43876	pOT2	2030	FBgn0025549	<i>MLEC</i>	ENSG00000110917	Pstl: 5649 2666 796 408 246
P2662	<i>Hpr1</i>	LD43883	pOT2	2296	FBgn0037382	<i>THOC1</i>	ENSG00000079134	Pstl: 5649 2680 924 408 261 109
P2663	<i>CG11586</i>	LD44732	pOT2	1112	FBgn0035520	<i>ZMAT2</i>	ENSG00000146007	Pstl: 5649 2790 408
P2664	<i>snf</i>	LD45302	pOT2	790	FBgn0003449	<i>SNRPB2</i>	ENSG00000125870	Pstl: 5649 1675 793 408
P2665	<i>Prx5</i>	LD45324	pOT2	712	FBgn0038570	<i>PRDX5</i>	ENSG00000126432	Pstl: 5649 2390 408
P2666	<i>CG8067</i>	LD45826	pOT2	1163	FBgn0033891	<i>NDUFAF5</i>	ENSG00000101247	Pstl: 5649 2841 408
P2667	<i>Vps37B</i>	LD45836	pOT2	949	FBgn0037299	<i>C9orf85</i>	ENSG00000155621	Pstl: 5649 1754 503 408 370
P2668	<i>mus209</i>	LD45889	pOT2	1051	FBgn0005655	<i>PCNA</i>	ENSG00000132646	Pstl: 5649 2729 408
P2669	<i>CG1307</i>	LD46144	pOT2	887	FBgn0026566	<i>PTRH2</i>	ENSG00000141378	Pstl: 5649 2565 408
P2670	<i>CG10916</i>	LD46221	pOT2	996	FBgn0034312	<i>TRAIIP</i>	ENSG00000183763	Pstl: 5649 2674 408
P2671	<i>Sras</i>	LD46418	pOT2	1223	FBgn0029121	<i>RCE1</i>	ENSG00000173653	Pstl: 5649 1962 690 408 249
P2672	<i>CG10053</i>	LD46678	pOT2	852	FBgn0037490	<i>GPATCH11</i>	ENSG00000152133	Pstl: 5649 2530 408

P2673	<i>Pex2</i>	LD46714	pOT2	1041	FBgn0035876	<i>PEX2</i>	ENSG00000164751	Pstl: 5649 2719 408
P2674	<i>RpLP0-like</i>	LD47064	pOT2	932	FBgn0033485	<i>MRTO4</i>	ENSG00000053372	Pstl: 5649 2610 408
P2675	<i>Fsn</i>	LD47425	pOT2	1278	FBgn0043010	<i>FBXO45</i>	ENSG00000174013	Pstl: 5649 2956 408
P2676	<i>Sf3a2</i>	LD47455	pOT2	1001	FBgn0036314	<i>SF3A2</i>	ENSG00000104897	Pstl: 5649 2679 408
P2677	<i>Gem2</i>	LD47479	pOT2	1181	FBgn0036850	<i>GEMIN2</i>	ENSG00000092208	Pstl: 5649 2157 702 408
P2678	<i>GILT1</i>	LD47508	pOT2	1131	FBgn0038149	<i>IFI30</i>	ENSG00000216490	Pstl: 5649 2809 408
P2679	<i>mats</i>	LD47553	pOT2	1268	FBgn0038965	<i>MOB3B</i>	ENSG00000120162	Pstl: 5649 1765 1181 408
P2680	<i>CG1236</i>	LD48009	pOT2	1215	FBgn0037370	<i>GRHPR</i>	ENSG00000137106	Pstl: 5649 2893 408
P2681	<i>CG1239</i>	LP01332	pOT2	1041	FBgn0037368	<i>MEPCE</i>	ENSG00000146834	Pstl: 5649 1821 898 408
P2682	<i>CG12321</i>	LP02120	pOT2	880	FBgn0038577	<i>PSMG2</i>	ENSG00000128789	Pstl: 5649 2558 408
P2683	<i>CG2147</i>	LP02728	pOT2	764	FBgn0030025	<i>SRA1</i>	ENSG00000213523	Pstl: 5649 2442 408
P2684	<i>CG8031</i>	LP04475	pOT2	1282	FBgn0038110	<i>MEMO1</i>	ENSG00000162959	Pstl: 5649 1969 991 408
P2685	<i>ppl</i>	LP05579	pOT2	916	FBgn0027945	<i>GCSH</i>	ENSG00000140905	Pstl: 5649 2208 408 386
P2686	<i>spheroid</i>	LP05929	pOT2	1255	FBgn0030774	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2933 408
P2687	<i>mge</i>	LP07226	pOT2	1079	FBgn0035473	<i>TOMM22</i>	ENSG00000100216	Pstl: 5649 2757 408
P2688	<i>CG2063</i>	LP07727	pOT2	1173	FBgn0033400	<i>SAP30BP</i>	ENSG00000161526	Pstl: 5649 2851 408
P2689	<i>CG11095</i>	LP09908	pOT2	1124	FBgn0030528	<i>NUDT8</i>	ENSG00000167799	Pstl: 5649 2802 408
P2690	<i>CG8300</i>	LP10445	pOT2	1063	FBgn0029937	<i>FAM177A1</i>	ENSG00000151327	Pstl: 5649 2217 524 408
P2691	<i>mRpS18B</i>	LP10852	pOT2	751	FBgn0032849	<i>MRPS18B</i>	ENSG00000204568	Pstl: 5649 2429 408
P2692	<i>CG3505</i>	LP10895	pOT2	1179	FBgn0038250	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2193 664 408
P2693	<i>Jon65Aiv</i>	LP10918	pOT2	1133	FBgn0250815	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2811 408
P2694	<i>Oscillin</i>	LP11234	pOT2	1237	FBgn0031717	<i>GNPDA2</i>	ENSG00000163281	Pstl: 5649 2915 408
P2695	<i>EMC8-9</i>	SD01117	pOT2	821	FBgn0034791	<i>EMC8</i>	ENSG00000131148	Pstl: 5649 1746 528 408 225
P2696	<i>CG30382</i>	SD02332	pOT2	971	FBgn0050382	<i>PSMA6</i>	ENSG00000100902	Pstl: 5649 1897 662 408 90
P2697	<i>Stoml2</i>	SD03319	pOT2	1184	FBgn0034936	<i>STOML2</i>	ENSG00000165283	Pstl: 5649 2862 408
P2698	<i>regucalcin</i>	SD03837	pOT2	1108	FBgn0030362	<i>RGN</i>	ENSG00000130988	Pstl: 5649 2786 408
P2699	<i>opm</i>	SD08771	pOT2	891	FBgn0264389	<i>TMED7</i>	ENSG00000134970	Pstl: 5649 1891 678 408
P2700	<i>MED30</i>	SD10560	pOT2	1112	FBgn0035149	<i>MED30</i>	ENSG00000164758	Pstl: 5649 1745 1045 408
P2702	<i>Tspo</i>	GH02075	pOT2	786	FBgn0031263	<i>TSPO</i>	ENSG00000100300	Pstl: 5649 2464 408
P2703	<i>Pgam5</i>	GH02880	pOT2	1104	FBgn0023517	<i>PGAM5</i>	ENSG00000247077	Pstl: 5649 1916 866 408
P2704	<i>CG31546</i>	GH07691	pOT2	992	FBgn0051546	<i>CBR4</i>	ENSG00000145439	Pstl: 5649 2069 508 408 93
P2705	<i>yip7</i>	GH08377	pOT2	908	FBgn0040060	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1878 708 408
P2706	<i>ND-24</i>	GH08937	pOT2	934	FBgn0030853	<i>NDUFV2</i>	ENSG00000178127	Pstl: 5649 1666 946 408
P2707	<i>GLaz</i>	GH09946	pOT2	865	FBgn0033799	<i>APOD</i>	ENSG00000189058	Pstl: 5649 2543 408
P2708	<i>St1</i>	GH11818	pOT2	1212	FBgn0034887	<i>SULT1C4</i>	ENSG00000198075	Pstl: 5649 2890 408
P2709	<i>snapi</i>	GH13185	pOT2	1249	FBgn0031455	<i>SNAPIN</i>	ENSG00000143553	Pstl: 5649 1963 566 408 313 85
P2710	<i>JMJD7</i>	GH14974	pOT2	1197	FBgn0036366	<i>JMJD7</i>	ENSG00000243789	Pstl: 5649 2875 408
P2711	<i>CG32485</i>	GH16843	pOT2	1208	FBgn0052485	<i>MOSPD2</i>	ENSG00000130150	Pstl: 5649 2886 408
P2712	<i>Uros1</i>	GH17465	pOT2	1163	FBgn0030066	<i>UROS</i>	ENSG00000188690	Pstl: 5649 2841 408
P2713	<i>CG8768</i>	GH17516	pOT2	1186	FBgn0033769	<i>SDR39U1</i>	ENSG00000100445	Pstl: 5649 2864 408
P2714	<i>CG1648</i>	GH20817	pOT2	973	FBgn0033446	<i>PLIN3</i>	ENSG00000105355	Pstl: 5649 1775 876 408
P2716	<i>CG30090</i>	GH21666	pOT2	1004	FBgn0050090	<i>GZMH</i>	ENSG00000100450	Pstl: 5649 1962 720 408
P2717	<i>CG10750</i>	GH24871	pOT2	1142	FBgn0032769	<i>CFAP73</i>	ENSG00000186710	Pstl: 5649 2820 408
P2718	<i>CG1827</i>	GH25655	pOT2	1301	FBgn0033431	<i>AGA</i>	ENSG00000038002	Pstl: 5649 2979 408
P2719	<i>Egfp1</i>	GH26134	pOT2	920	FBgn0034882	<i>AQP2</i>	ENSG00000167580	Pstl: 5649 2598 408
P2720	<i>CG6094</i>	GH26345	pOT2	739	FBgn0032261	<i>MRPL58</i>	ENSG00000167862	Pstl: 5649 2417 408
P2721	<i>Pglym87</i>	GH28416	pOT2	1140	FBgn0011270	<i>PGAM1</i>	ENSG00000171314	Pstl: 5649 2818 408
P2722	<i>CG7006</i>	GM12126	pOT2	689	FBgn0039233	<i>NIP7</i>	ENSG00000132603	Pstl: 5649 2367 408

P2723	<i>RpS5a</i>	GM13047	pOT2	873	FBgn0002590	<i>RPS5</i>	ENSG00000083845	Pstl: 5649 1949 408 380 222
P2724	<i>CG11444</i>	GM14292	pOT2	1067	FBgn0029715	<i>PDAP1</i>	ENSG00000106244	Pstl: 5649 2745 408
P2725	<i>Echs1</i>	LD24265	pOT2	1076	FBgn0033879	<i>ECHS1</i>	ENSG00000127884	Pstl: 5649 2488 408 266
P2726	<i>140up</i>	LD27182	pOT2	895	FBgn0010340	<i>TIMMDC1</i>	ENSG00000113845	Pstl: 5649 2573 408
P2727	<i>CG10795</i>	LD27358	pOT2	1052	FBgn0034626	<i>ACRV1</i>	ENSG00000134940	Pstl: 5649 1995 735 408
P2728	<i>CG10973</i>	LD28549	pOT2	1004	FBgn0036306	<i>HSPBP1</i>	ENSG00000133265	Pstl: 5649 2352 408 330
P2729	<i>CG4278</i>	LD28566	pOT2	1035	FBgn0014092	<i>NIF3L1</i>	ENSG00000196290	Pstl: 5649 2713 408
P2730	<i>CG9231</i>	LD30488	pOT2	832	FBgn0036887	<i>FAM162A</i>	ENSG00000114023	Pstl: 5649 2510 408
P2731	<i>Ciao1</i>	LD31217	pOT2	1164	FBgn0033972	<i>NIF3L1</i>	ENSG00000196290	Pstl: 5649 2615 408 227
P2732	<i>CG8132</i>	LD31229	pOT2	1069	FBgn0037687	<i>NIT2</i>	ENSG00000114021	Pstl: 5649 2511 408 236
P2733	<i>CG8435</i>	LD32459	pOT2	1151	FBgn0034084	<i>CCDC94</i>	ENSG00000105248	Pstl: 5649 2097 465 408 267
P2734	<i>mgr</i>	LD34406	pOT2	988	FBgn0264694	<i>VBP1</i>	ENSG00000155959	Pstl: 5649 2295 408 371
P2735	<i>CG7840</i>	LD35060	pOT2	1162	FBgn0032014	<i>SRD5A3</i>	ENSG00000128039	Pstl: 5649 2840 408
P2736	<i>mRpS7</i>	LD35371	pOT2	807	FBgn0032236	<i>MRPS7</i>	ENSG00000125445	Pstl: 5649 2485 408
P2737	<i>EndoG</i>	LD35517	pOT2	1123	FBgn0033690	<i>EXO7</i>	ENSG00000157036	Pstl: 5649 2801 408
P2738	<i>CG13601</i>	LD37258	pOT2	1114	FBgn0039126	<i>OPA3</i>	ENSG00000125741	Pstl: 5649 1732 1060 408
P2739	<i>jagn</i>	LD38087	pOT2	1122	FBgn0037374	<i>JAGN1</i>	ENSG00000171135	Pstl: 5649 2800 408
P2740	<i>cdc2</i>	LD38718	pOT2	1051	FBgn0004106	<i>CDK16</i>	ENSG00000102225	Pstl: 5649 2729 408
P2741	<i>CG6674</i>	LD44422	pOT2	850	FBgn0036063	<i>TSSC4</i>	ENSG00000184281	Pstl: 5649 2528 408
P2742	<i>MED4</i>	LD46084	pOT2	937	FBgn0035754	<i>MED4</i>	ENSG00000136146	Pstl: 5649 2615 408
P2743	<i>CG4338</i>	LD46811	pOT2	971	FBgn0038313	<i>TSR3</i>	ENSG00000007520	Pstl: 5649 2649 408
P2744	<i>Fbp2</i>	LP07806	pOT2	922	FBgn0000640	<i>DECR2</i>	ENSG00000242612	Pstl: 5649 2239 408 361
P2745	<i>CG11911</i>	LP10887	pOT2	965	FBgn0031249	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 1957 686 408
P2746	<i>CG10672</i>	SD02021	pOT2	1113	FBgn0035588	<i>DECR2</i>	ENSG00000242612	Pstl: 5649 2791 408
P2747	<i>CG31988</i>	GH01042	pOT2	1046	FBgn0051988	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2724 408
P2748	<i>CG16904</i>	GH01164	pOT2	1129	FBgn0037763	<i>CBR4</i>	ENSG00000145439	verified by sequencing
P2749	<i>Sbp2</i>	GH01354	pOT2	1120	FBgn0087039	<i>SECISBP2</i>	ENSG00000187742	Pstl: 5649 2798 408
P2750	<i>CG3301</i>	GH01837	pOT2	1056	FBgn0038878	<i>DHRS11</i>	ENSG00000278535	Pstl: 5649 2170 564 408
P2751	<i>CG11170</i>	GH11358	pOT2	1166	FBgn0034705	<i>CXorf36</i>	ENSG00000147113	Pstl: 5649 1669 447 438 408 281 9
P2752	<i>CG32262</i>	GH12661	pOT2	1062	FBgn0052262	<i>MPV17</i>	ENSG00000115204	Pstl: 5649 2155 585 408
P2753	<i>GstT4</i>	GH16740	pOT2	1253	FBgn0030484	<i>GSTT2B</i>	ENSG00000133433	Pstl: 5649 2697 408 234
P2754	<i>CG13603</i>	GH22341	pOT2	1088	FBgn0039135	<i>TMEM179</i>	ENSG00000258986	Pstl: 5649 2510 408 256
P2755	<i>CG16719</i>	GH24859	pOT2	1124	FBgn0036029	<i>SPEF1</i>	ENSG00000101222	Pstl: 5649 2802 408
P2756	<i>CG6180</i>	GH25425	pOT2	1048	FBgn0032453	<i>ZNF302</i>	ENSG00000089335	Pstl: 5649 2726 408
P2757	<i>Dnali1</i>	GH25733	pOT2	987	FBgn0037962	<i>DNAL11</i>	ENSG00000163879	Pstl: 5649 1938 551 408 176
P2758	<i>Ran-like</i>	GH25818	pOT2	1046	FBgn0036497	<i>RAN</i>	ENSG00000132341	Pstl: 5649 2007 717 408
P2759	<i>CG6931</i>	GH25848	pOT2	1104	FBgn0036236	<i>TPGS2</i>	ENSG00000134779	Pstl: 5649 2782 408
P2760	<i>CG12056</i>	GH27237	pOT2	976	FBgn0030099	<i>CYB5D2</i>	ENSG00000167740	Pstl: 5649 2183 471 408
P2761	<i>ATPsyn-b</i>	GM13038	pOT2	1172	FBgn0019644	<i>ATP5F1</i>	ENSG00000116459	Pstl: 5649 2850 408
P2762	<i>Fnta</i>	LD26412	pOT2	1204	FBgn0031633	<i>FNTA</i>	ENSG00000168522	Pstl: 5649 2882 408
P2763	<i>CG8004</i>	LD33138	pOT2	1240	FBgn0036920	<i>MTX2</i>	ENSG00000128654	Pstl: 5649 2918 408
P2765	<i>Ag5r</i>	LP06338	pOT2	1038	FBgn0015010	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2716 408
P2766	<i>CG2100</i>	GM13341	pOT2	1573	FBgn0037369	<i>TRNT1</i>	ENSG00000072756	Pstl: 5649 3251 408
P2767	<i>spict</i>	GM13388	pOT2	1461	FBgn0032451	<i>NIPA1</i>	ENSG00000170113	Pstl: 5649 2911 408 228
P2768	<i>Hsc70-5</i>	GM13788	pOT2	2779	FBgn0001220	<i>HSPA9</i>	ENSG00000113013	Pstl: 5649 2281 2176 408
P2769	<i>scramb1</i>	GM13876	pOT2	2021	FBgn0052056	<i>PLSCR1</i>	ENSG00000188313	Pstl: 5649 2514 1185 408
P2770	<i>Rpd3</i>	GM14158	pOT2	2157	FBgn0015805	<i>HDAC3</i>	ENSG00000171720	Pstl: 5649 2716 958 408 161
P2771	<i>Aats-asp</i>	GM14334	pOT2	1972	FBgn0002069	<i>DARS</i>	ENSG00000115866	Pstl: 5649 3650 408

P2772	<i>CoIV</i>	GM14452	pOT2	713	FBgn0032833	<i>COX4I1</i>	ENSG00000131143	Pstl: 5649 1746 645 408
P2773	<i>Nmd3</i>	GM14705	pOT2	1767	FBgn0023542	<i>NMD3</i>	ENSG00000169251	Pstl: 5649 3445 408
P2774	<i>sina</i>	HL08111	pOT2	2280	FBgn0003410	<i>SIAH1</i>	ENSG00000196470	Pstl: 5649 2984 659 408 315
P2775	<i>Ugt35a</i>	LD21102	pOT2	1781	FBgn0026315	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 3459 408
P2776	<i>Aats-tyr</i>	LD21116	pOT2	1785	FBgn0027080	<i>YARS</i>	ENSG00000134684	Pstl: 5649 2756 453 408 254
P2777	<i>me31B</i>	LD21247	pOT2	1647	FBgn0004419	<i>DDX6</i>	ENSG00000110367	Pstl: 5649 2171 1154 408
P2778	<i>dob</i>	LD21294	pOT2	1845	FBgn0030607	<i>PNPLA2</i>	ENSG00000177666	Pstl: 5649 2298 1225 408
P2779	<i>exba</i>	LD21309	pOT2	2020	FBgn0250753	<i>BZW1</i>	ENSG00000082153	Pstl: 5649 3698 408
P2780	<i>beag</i>	LD21347	pOT2	1878	FBgn0037660	<i>IK</i>	ENSG00000113141	Pstl: 5649 3556 408
P2781	<i>CG4282</i>	LD21421	pOT2	2397	FBgn0034114	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3233 842 408
P2782	<i>Cbs</i>	LD21426	pOT2	1780	FBgn0031148	<i>CBS</i>	ENSG00000160200	Pstl: 5649 2705 753 408
P2783	<i>thoc5</i>	LD21694	pOT2	2005	FBgn0034939	<i>THOC5</i>	ENSG00000100296	Pstl: 5649 1872 972 408 395 312 126 6
P2784	<i>CycK</i>	LD21709	pOT2	1902	FBgn0025674	<i>CCNT1</i>	ENSG00000129315	Pstl: 5649 2626 954 408
P2785	<i>CG8379</i>	LD21733	pOT2	2444	FBgn0037638	<i>C10orf76</i>	ENSG00000120029	Pstl: 5649 1979 1395 412 408 279 57
P2786	<i>kri</i>	LD21741	pOT2	1114	FBgn0035639	<i>UPRT</i>	ENSG00000094841	Pstl: 5649 1945 847 408
P2787	<i>Nf-YA</i>	LD21748	pOT2	2043	FBgn0035993	<i>NFYA</i>	ENSG00000001167	Pstl: 5649 2619 508 418 408 134 21 21
P2788	<i>bmm</i>	LD21785	pOT2	2402	FBgn0036449	<i>PNPLA2</i>	ENSG00000177666	Pstl: 5649 2264 996 820 408
P2789	<i>DCAF12</i>	LD21841	pOT2	1764	FBgn0037980	<i>DCAF12</i>	ENSG00000198876	Pstl: 5649 1907 1535 408
P2790	<i>Rab35</i>	LD21953	pOT2	2025	FBgn0031090	<i>RAB8A</i>	ENSG00000167461	Pstl: 5649 2062 1219 422 408
P2791	<i>GILT2</i>	LD22034	pOT2	743	FBgn0039099	<i>IFI30</i>	ENSG00000216490	Pstl: 5649 2421 408
P2792	<i>Snx6</i>	LD22082	pOT2	1803	FBgn0032005	<i>SNX6</i>	ENSG00000129515	Pstl: 5649 2474 683 408 324
P2793	<i>Galpai</i>	LD22201	pOT2	2067	FBgn0001104	<i>GNAZ</i>	ENSG00000128266	Pstl: 5649 3502 408 243
P2794	<i>chrB</i>	LD22381	pOT2	1918	FBgn0036165	<i>DDIT4L</i>	ENSG00000145358	Pstl: 5649 2209 1300 408 87
P2795	<i>Rpl1140</i>	LD22387	pOT2	3779	FBgn0262955	<i>POLR2B</i>	ENSG00000047315	Pstl: 5649 3252 2205 408
P2796	<i>scat</i>	LD22446	pOT2	3517	FBgn0011232	<i>VPS54</i>	ENSG00000143952	Pstl: 5649 3706 1096 408 294 99
P2797	<i>Rcc1</i>	LD22520	pOT2	2167	FBgn0002638	<i>RCC1</i>	ENSG00000180198	Pstl: 5649 3845 408
P2798	<i>Tango11</i>	LD22567	pOT2	1615	FBgn0050404	<i>MFF</i>	ENSG00000168958	Pstl: 5649 3293 408
P2799	<i>Uba2</i>	LD22577	pOT2	2328	FBgn0029113	<i>UBA2</i>	ENSG00000126261	Pstl: 5649 4006 408
P2800	<i>Bx42</i>	LD22701	pOT2	1956	FBgn0004856	<i>SNW1</i>	ENSG00000100603	Pstl: 5649 2173 1125 408 303 33
P2801	<i>noi</i>	LD22754	pOT2	1857	FBgn0014366	<i>SF3A3</i>	ENSG00000183431	Pstl: 5649 3535 408
P2802	<i>CG44243</i>	LD22815	pOT2	1653	FBgn0265178	<i>LIPT1</i>	ENSG00000144182	Pstl: 5649 3331 408
P2803	<i>Kebab</i>	LD22825	pOT2	2165	FBgn0028952	<i>FAM9A</i>	ENSG00000183304	Pstl: 5649 2035 1187 612 408 9
P2804	<i>ric8a</i>	LD22866	pOT2	2440	FBgn0028292	<i>RIC8B</i>	ENSG00000111785	Pstl: 5649 2187 1228 497 408 206
P2805	<i>CycD</i>	LD22957	pOT2	2137	FBgn0010315	<i>CCND1</i>	ENSG00000110092	Pstl: 5649 3815 408
P2806	<i>eRF1</i>	LD23157	pOT2	1785	FBgn0036974	<i>ETF1</i>	ENSG00000120705	Pstl: 5649 3463 408
P2807	<i>tamo</i>	LD23345	pOT2	4163	FBgn0041582	<i>SPATA2L</i>	ENSG00000158792	Pstl: 5649 2958 2517 408 239 110 17
P2808	<i>p23</i>	LD23532	pOT2	806	FBgn0037728	<i>PTGES3L</i>	ENSG00000267060	Pstl: 5649 2484 408
P2809	<i>alph</i>	LD23542	pOT2	1673	FBgn0086361	<i>PPM1N</i>	ENSG00000213889	Pstl: 5649 1824 1527 408
P2810	<i>aay</i>	LD23646	pOT2	1524	FBgn0023129	<i>PSPH</i>	ENSG00000146733	Pstl: 5649 2743 459 408
P2811	<i>gcl</i>	LD23660	pOT2	2465	FBgn0005695	<i>GMCL1</i>	ENSG00000087338	Pstl: 5649 2507 1311 408 167 158
P2812	<i>CG4991</i>	LD23664	pOT2	1904	FBgn0030817	<i>SLC36A1</i>	ENSG00000123643	Pstl: 5649 1797 1785 408
P2813	<i>Pdk</i>	LD23669	pOT2	2065	FBgn0017558	<i>PKD4</i>	ENSG00000004799	Pstl: 5649 3426 408 317
P2814	<i>CG8939</i>	LD23718	pOT2	2620	FBgn0030720	<i>FTSJ3</i>	ENSG00000108592	Pstl: 5649 2202 1048 1048 408
P2815	<i>Hdac3</i>	LD23745	pOT2	1666	FBgn0025825	<i>HDAC3</i>	ENSG00000171720	Pstl: 5649 3344 408
P2816	<i>RpS12</i>	LD23808	pOT2	595	FBgn0260441	<i>RPS12</i>	ENSG00000112306	Pstl: 5649 2273 408
P2817	<i>l(2)s5379</i>	LD23816	pOT2	1722	FBgn0267378	<i>GOLPH3</i>	ENSG00000113384	Pstl: 5649 3400 408
P2818	<i>CG8520</i>	LD23856	pOT2	1709	FBgn0033734	<i>AFG1L</i>	ENSG00000135537	Pstl: 5649 2416 558 413 408
P2819	<i>CG16721</i>	LD23868	pOT2	2531	FBgn0029820	<i>TCP11L1</i>	ENSG00000176148	Pstl: 5649 2849 540 518 408 302

P2820	<i>Coq8</i>	LD23884	pOT2	2261	FBgn0052649	<i>COQ8B</i>	ENSG00000123815	Pstl: 5649 3256 476 408 207
P2821	<i>MICU3</i>	LD23951	pOT2	1830	FBgn0038735	<i>MICU2</i>	ENSG00000165487	Pstl: 5649 2387 1016 408 75 30
P2822	<i>Sce</i>	LD23953	pOT2	1534	FBgn0003330	<i>RNF2</i>	ENSG00000121481	Pstl: 5649 2538 408 378 296
P2823	<i>RpS13</i>	LD23958	pOT2	603	FBgn0010265	<i>RPS13</i>	ENSG00000110700	Pstl: 5649 2281 408
P2824	<i>alpha-PheRS</i>	LD23968	pOT2	1633	FBgn0030007	<i>FARSA</i>	ENSG00000179115	Pstl: 5649 2720 591 408
P2825	<i>Wdr33</i>	LD24014	pOT2	2740	FBgn0046222	<i>WDR33</i>	ENSG00000136709	Pstl: 5649 2080 1470 868 408
P2826	<i>CG5027</i>	LD24073	pOT2	1827	FBgn0036579	<i>P4HB</i>	ENSG00000185624	Pstl: 5649 2701 804 408
P2827	<i>CG6650</i>	LD24362	pOT2	2249	FBgn0036402	<i>ADPGK</i>	ENSG00000159322	Pstl: 5649 2422 458 408 320 303 265 159
P2828	<i>CG7332</i>	LD24478	pOT2	2139	FBgn0030973	<i>MINDY3</i>	ENSG00000148481	Pstl: 5649 1674 1180 870 408 93
P2829	<i>Ada2b</i>	LD24527	pOT2	2165	FBgn0037555	<i>FGFR2</i>	ENSG00000066468	Pstl: 5649 2187 1524 408 123 9
P2830	<i>Taf6</i>	LD24529	pOT2	2075	FBgn0010417	<i>TAF6</i>	ENSG00000106290	Pstl: 5649 2455 938 408 360
P2831	<i>ligatin</i>	LD24540	pOT2	1784	FBgn0041588	<i>EIF2D</i>	ENSG00000143486	Pstl: 5649 3462 408
P2832	<i>CG7156</i>	LD24550	pOT2	2638	FBgn0038588	<i>SNX15</i>	ENSG00000110025	Pstl: 5649 2125 682 660 531 408 228 90
P2833	<i>CG2701</i>	LD24566	pOT2	2378	FBgn0024973	<i>ASCC2</i>	ENSG00000100325	Pstl: 5649 2799 684 573 408
P2834	<i>CG3776</i>	LD24657	pOT2	946	FBgn0035088	<i>MAIP1</i>	ENSG00000162972	Pstl: 5649 1898 522 408 204
P2835	<i>p38b</i>	LD24658	pOT2	1808	FBgn0024846	<i>MAPK11</i>	ENSG00000185386	Pstl: 5649 3486 408
P2836	<i>Tango4</i>	LD24662	pOT2	1600	FBgn0030365	<i>PLRG1</i>	ENSG00000171566	Pstl: 5649 3278 408
P2837	<i>Ilk</i>	LD24671	pOT2	1802	FBgn0028427	<i>RAF1</i>	ENSG00000132155	Pstl: 5649 3480 408
P2838	<i>CG16903</i>	LD24704	pOT2	1932	FBgn0040394	<i>CCNL2</i>	ENSG00000221978	Pstl: 5649 2651 959 408
P2840	<i>jumu</i>	LD24749	pOT2	2828	FBgn0015396	<i>FOXN1</i>	ENSG00000109101	Pstl: 5649 2842 900 566 408 198
P2841	<i>prtp</i>	LD24756	pOT2	1715	FBgn0030329	<i>P4HB</i>	ENSG00000185624	Pstl: 5649 1998 1395 408
P2842	<i>RhoBTB</i>	LD24835	pOT2	3242	FBgn0036980	<i>RHOBTB1</i>	ENSG00000072422	Pstl: 5649 1892 1339 1203 435 408 51
P2843	<i>CG15141</i>	LD24839	pOT2	1688	FBgn0032635	<i>UBR7</i>	ENSG00000012963	Pstl: 5649 1987 770 459 408 80 70
P2844	<i>Nup54</i>	LD24841	pOT2	2041	FBgn0033737	<i>NUP54</i>	ENSG00000138750	Pstl: 5649 2522 697 500 408
P2845	<i>nSMase</i>	LD24865	pOT2	1673	FBgn0035421	<i>SMPD2</i>	ENSG00000135587	Pstl: 5649 1815 561 408 402 375 198
P2846	<i>CG7872</i>	LD24870	pOT2	1612	FBgn0030658	<i>DNAJC25</i>	ENSG00000059769	Pstl: 5649 3011 408 279
P2847	<i>CG2277</i>	LD24878	pOT2	2096	FBgn0035204	<i>NT5DC1</i>	ENSG00000178425	Pstl: 5649 3058 489 408 227
P2848	<i>Las</i>	LD24887	pOT2	1378	FBgn0029158	<i>LIAS</i>	ENSG00000121897	Pstl: 5649 3056 408
P2849	<i>CG7414</i>	LD24903	pOT2	2336	FBgn0037135	<i>EIF2A</i>	ENSG00000144895	Pstl: 5649 2152 1632 408 230
P2850	<i>CG12267</i>	LD24919	pOT2	1611	FBgn0038057	<i>POLR3C</i>	ENSG00000186141	Pstl: 5649 2413 876 408
P2851	<i>Arp5</i>	LD24983	pOT2	2073	FBgn0038576	<i>ACTR5</i>	ENSG00000101442	Pstl: 5649 3751 408
P2852	<i>Nup93-2</i>	GH01087	pOT2	2475	FBgn0038274	<i>NUP93</i>	ENSG00000102900	Pstl: 5649 1934 1041 786 408 215 177
P2853	<i>Traf6</i>	GH01161	pOT2	2785	FBgn0265464	<i>TRAF2</i>	ENSG00000127191	Pstl: 5649 3490 973 408
P2854	<i>OtopLb</i>	GH01206	pOT2	2662	FBgn0031514	<i>OTOP2</i>	ENSG00000183034	Pstl: 5649 1963 1527 812 408 38
P2855	<i>PI31</i>	GH01278	pOT2	1121	FBgn0033669	<i>PSMF1</i>	ENSG00000125818	Pstl: 5649 2799 408
P2856	<i>FeCH</i>	GH01314	pOT2	1427	FBgn0266268	<i>FECH</i>	ENSG00000066926	Pstl: 5649 1654 978 473 408
P2857	<i>CG7379</i>	GH01429	pOT2	1762	FBgn0038546	<i>ING3</i>	ENSG00000071243	Pstl: 5649 2241 490 408 252 234 189 34
P2858	<i>IscU</i>	GH01635	pOT2	960	FBgn0037637	<i>ISCU</i>	ENSG00000136003	Pstl: 5649 2199 439 408
P2859	<i>CG5590</i>	GH01709	pOT2	1459	FBgn0039537	<i>HSDL2</i>	ENSG00000119471	Pstl: 5649 3137 408
P2860	<i>p47</i>	GH01724	pOT2	1422	FBgn0033179	<i>NSFL1C</i>	ENSG00000088833	Pstl: 5649 1883 1217 408
P2861	<i>Rcd5</i>	GH01794	pOT2	1926	FBgn0263832	<i>MCRS1</i>	ENSG00000187778	Pstl: 5649 2558 600 446 408
P2862	<i>wls</i>	GH01813	pOT2	2584	FBgn0036141	<i>WLS</i>	ENSG00000116729	Pstl: 5649 2093 1197 972 408
P2863	<i>Rel</i>	GH01881	pOT2	3346	FBgn0014018	<i>NFKB2</i>	ENSG00000077150	Pstl: 5649 2853 1634 537 408
P2864	<i>Trax</i>	GH01922	pOT2	1099	FBgn0038327	<i>TSNAX</i>	ENSG00000116918	Pstl: 5649 1855 922 408
P2865	<i>calypso</i>	GH01941	pOT2	2148	FBgn0262166	<i>BAP1</i>	ENSG00000163930	Supplemental Table S1.
P2866	<i>l(2)eff</i>	GH01960	pOT2	735	FBgn0011296	<i>HSPB8</i>	ENSG00000152137	Pstl: 5649 2027 408 386
P2867	<i>Oat</i>	GH01984	pOT2	1498	FBgn0022774	<i>OAT</i>	ENSG00000065154	Pstl: 5649 1953 1223 408
P2868	<i>PIG-M</i>	GH02741	pOT2	2260	FBgn0034649	<i>PIGM</i>	ENSG00000143315	Pstl: 5649 2072 825 660 408 381

P2869	<i>TM9SF4</i>	GH02822	pOT2	2441	FBgn0028541	<i>TM9SF2</i>	ENSG00000125304	Pstl: 5649 2269 1763 408 87
P2870	<i>stx</i>	GH03394	pOT2	5431	FBgn0052676	<i>MIDN</i>	ENSG00000167470	Pstl: 5649 4748 884 874 408 216 198 189
P2871	<i>VhaPPA1-1</i>	GH03514	pOT2	1326	FBgn0028662	<i>ATP6V0B</i>	ENSG00000117410	Pstl: 5649 3004 408
P2872	<i>Rab7</i>	GH03685	pOT2	1513	FBgn0015795	<i>RAB7A</i>	ENSG00000075785	Pstl: 5649 3191 408
P2873	<i>alpha-Man-II</i>	GH03876	pOT2	3950	FBgn0011740	<i>MAN2A1</i>	ENSG00000112893	Pstl: 5649 2158 1914 860 597 408 99
P2874	<i>Sip1</i>	GH04176	pOT2	1717	FBgn0010620	<i>SLC9A3R1</i>	ENSG00000109062	Pstl: 5649 3395 408
P2875	<i>CG5397</i>	GH04232	pOT2	2091	FBgn0031327	<i>CES2</i>	ENSG00000172831	Pstl: 5649 1941 1828 408
P2876	<i>Vps28</i>	GH04443	pOT2	812	FBgn0021814	<i>VPS28</i>	ENSG00000160948	Pstl: 5649 1863 627 408
P2877	<i>CG33671</i>	GH04687	pOT2	1989	FBgn0061359	<i>MVK</i>	ENSG00000110921	Pstl: 5649 3415 408 252
P2878	<i>slp1</i>	GH04704	pOT2	1427	FBgn0003430	<i>FOXG1</i>	ENSG00000176165	Pstl: 5649 3105 408
P2879	<i>grau</i>	GH04731	pOT2	1874	FBgn0001133	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3552 408
P2880	<i>Aldh7A1</i>	GH05218	pOT2	2066	FBgn0036857	<i>ALDH7A1</i>	ENSG00000164904	Pstl: 5649 3744 408
P2881	<i>Eogt</i>	GH05422	pOT2	1844	FBgn0264672	<i>EOGT</i>	ENSG00000163378	Pstl: 5649 2151 918 453 408
P2882	<i>NP15.6</i>	GH05862	pOT2	680	FBgn0027785	<i>NDUFB11</i>	ENSG00000147123	Pstl: 5649 2093 408 265
P2883	<i>CG3529</i>	GH05942	pOT2	2103	FBgn0035995	<i>TOM1</i>	ENSG00000100284	Pstl: 5649 2925 856 408
P2884	<i>CG17294</i>	GH05949	pOT2	1010	FBgn0032032	<i>HDHD2</i>	ENSG00000167220	Pstl: 5649 2688 408
P2885	<i>Mms19</i>	GH06271	pOT2	3240	FBgn0037301	<i>MMS19</i>	ENSG00000155229	Pstl: 5649 1969 1034 783 609 523 408
P2886	<i>Syx17</i>	GH06387	pOT2	1575	FBgn0035540	<i>STX17</i>	ENSG00000136874	Pstl: 5649 2210 1043 408
P2887	<i>CG8336</i>	GH06403	pOT2	1453	FBgn0036020	<i>PPIAL4A</i>	ENSG00000263353	Pstl: 5649 3131 408
P2888	<i>Gnf1</i>	GH06471	pOT2	4119	FBgn0004913	<i>RFC1</i>	ENSG00000035928	Pstl: 5649 3293 2504 408
P2889	<i>CtsB1</i>	GH06546	pOT2	1353	FBgn0030521	<i>CTSB</i>	ENSG00000164733	Pstl: 5649 3031 408
P2890	<i>Ns3</i>	GH06695	pOT2	2027	FBgn0266284	<i>LSG1</i>	ENSG00000041802	Pstl: 5649 3039 408 345 321
P2891	<i>CG5555</i>	GH07062	pOT2	1976	FBgn0038686	<i>BRAP</i>	ENSG00000089234	Pstl: 5649 1960 1694 408
P2892	<i>stops</i>	GH07253	pOT2	1750	FBgn0086704	<i>ASB17</i>	ENSG00000154007	Pstl: 5649 1995 1045 408 329 59
P2893	<i>CG9119</i>	GH07301	pOT2	1198	FBgn0035189	<i>C11orf54</i>	ENSG00000182919	Pstl: 5649 1789 1087 408
P2894	<i>CG7556</i>	GH07340	pOT2	1995	FBgn0030990	<i>DNAJC1</i>	ENSG00000136770	Pstl: 5649 2916 757 408
P2895	<i>CG13625</i>	GH07383	pOT2	2068	FBgn0039210	<i>BUD13</i>	ENSG00000137656	Pstl: 5649 2212 1534 408
P2896	<i>CG1309</i>	GH07444	pOT2	1850	FBgn0035519	<i>ABHD16A</i>	ENSG00000204427	Pstl: 5649 3528 408
P2897	<i>Mfap1</i>	GH07619	pOT2	1706	FBgn0035294	<i>MFAP1</i>	ENSG00000140259	Pstl: 5649 1991 847 546 408
P2898	<i>S-Lap8</i>	GH07689	pOT2	2031	FBgn0034132	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 2413 773 523 408
P2899	<i>O-fut2</i>	GH07929	pOT2	1667	FBgn0027791	<i>POFUT2</i>	ENSG00000186866	Pstl: 5649 2525 408 331 258 150 81
P2900	<i>Cyp9b2</i>	GH08116	pOT2	1887	FBgn0015039	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2688 542 408 335
P2901	<i>Pdhh</i>	GH08474	pOT2	1464	FBgn0039635	<i>PDHB</i>	ENSG00000168291	Pstl: 5649 3142 408
P2902	<i>Ssl1</i>	GH08526	pOT2	1587	FBgn0037202	<i>GTF2H2</i>	ENSG00000145736	Pstl: 5649 3265 408
P2903	<i>Sas10</i>	GH08670	pOT2	1653	FBgn0029755	<i>UTP3</i>	ENSG00000132467	Pstl: 5649 1897 1140 408 294
P2904	<i>Snr1</i>	GH08712	pOT2	1353	FBgn0011715	<i>SMARCB1</i>	ENSG00000099956	Pstl: 5649 2772 408 259
P2905	<i>Rab6</i>	GH09086	pOT2	1857	FBgn0015797	<i>RAB6A</i>	ENSG00000175582	Pstl: 5649 2870 665 408
P2906	<i>CG8728</i>	GH09295	pOT2	1935	FBgn0033235	<i>UQCRC2</i>	ENSG00000140740	Pstl: 5649 3613 408
P2907	<i>atl</i>	GH09383	pOT2	2861	FBgn0039213	<i>ATL3</i>	ENSG00000184743	Pstl: 5649 3396 846 408 222 66 9
P2908	<i>CSN4</i>	GH09439	pOT2	1440	FBgn0027054	<i>COPS4</i>	ENSG00000138663	Pstl: 5649 2067 718 408 333
P2909	<i>CG5282</i>	GH09573	pOT2	1530	FBgn0036986	<i>DPEP1</i>	ENSG00000015413	Pstl: 5649 2774 434 408
P2910	<i>CG2121</i>	GH09628	pOT2	1907	FBgn0033289	<i>UNC93A</i>	ENSG00000112494	Pstl: 5649 3037 548 408
P2911	<i>CAH1</i>	GH09688	pOT2	1457	FBgn0027844	<i>CA5B</i>	ENSG00000169239	Pstl: 5649 2203 932 408
P2912	<i>rdgB</i>	GH09970	pOT2	4188	FBgn0003218	<i>PITPNM3</i>	ENSG00000091622	Pstl: 5649 4107 1759 408
P2913	<i>CG6013</i>	GH10002	pOT2	824	FBgn0038675	<i>CCDC124</i>	ENSG00000007080	Pstl: 5649 2502 408
P2914	<i>cpa</i>	GH10050	pOT2	1915	FBgn0034577	<i>CAPZA2</i>	ENSG00000198898	Pstl: 5649 3593 408
P2915	<i>CG3295</i>	GH10162	pOT2	1861	FBgn0034573	<i>RMND5A</i>	ENSG00000153561	Pstl: 5649 2077 799 663 408
P2916	<i>mEFTu2</i>	GH10272	pOT2	1668	FBgn0033184	<i>TUFM</i>	ENSG00000178952	Pstl: 5649 3346 408

P2917	<i>hpo</i>	GH10354	pOT2	2514	FBgn0261456	<i>TAOK2</i>	ENSG00000149930	Pstl: 5649 2348 769 408 404 338 333
P2918	<i>CG5687</i>	GH10366	pOT2	2772	FBgn0035293	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 2410 1410 630 408
P2919	<i>scramb2</i>	GH10494	pOT2	1678	FBgn0035390	<i>PLSCR1</i>	ENSG00000188313	Pstl: 5649 2515 483 408 358
P2920	<i>CG18284</i>	GH10507	pOT2	1472	FBgn0043825	<i>LIPA</i>	ENSG00000107798	Pstl: 5649 2344 806 408
P2921	<i>Gpo-1</i>	GH10595	pOT2	2476	FBgn0022160	<i>GPD2</i>	ENSG00000115159	Pstl: 5649 3499 655 408
P2922	<i>Cyp6a17</i>	GH10635	pOT2	1546	FBgn0015714	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3224 408
P2923	<i>Bmcp</i>	GH10708	pOT2	1599	FBgn0036199	<i>SLC25A27</i>	ENSG00000153291	Pstl: 5649 2388 889 408
P2924	<i>CG14683</i>	GH10770	pOT2	1511	FBgn0037822	<i>METTL15</i>	ENSG00000169519	Pstl: 5649 2533 656 408
P2925	<i>S-Lap4</i>	GH10924	pOT2	2024	FBgn0052064	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 3702 408
P2926	<i>Ttc26</i>	GH11140	pOT2	1940	FBgn0038358	<i>TTC26</i>	ENSG00000105948	Pstl: 5649 2851 755 408 12
P2927	<i>Fbxl4</i>	GH11272	pOT2	2901	FBgn0030555	<i>FBXL4</i>	ENSG00000112234	Pstl: 5649 1950 1797 667 408 165
P2928	<i>SmydA-1</i>	GH11294	pOT2	1884	FBgn0033917	<i>ERLIN2</i>	ENSG00000147475	Pstl: 5649 3089 473 408
P2929	<i>Ugt35b</i>	GH11333	pOT2	1676	FBgn0026314	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 3354 408
P2930	<i>Rpn5</i>	GH11341	pOT2	1867	FBgn0028690	<i>PSMD12</i>	ENSG00000197170	Pstl: 5649 3251 408 294
P2931	<i>Gadd34</i>	GH11727	pOT2	1576	FBgn0034948	<i>PPP1R15B</i>	ENSG00000158615	Pstl: 5649 2553 701 408
P2932	<i>CG17027</i>	GH11740	pOT2	1383	FBgn0036553	<i>IMPA2</i>	ENSG00000141401	Pstl: 5649 3061 408
P2933	<i>CG9512</i>	GH11762	pOT2	2107	FBgn0030593	<i>CHDH</i>	ENSG00000016391	Pstl: 5649 3785 408
P2934	<i>Ostgamma</i>	GH11935	pOT2	1244	FBgn0032015	<i>MAGT1</i>	ENSG00000102158	Pstl: 5649 1664 1006 408 252
P2935	<i>Gyk</i>	GH12641	pOT2	1801	FBgn0025592	<i>GK</i>	ENSG00000198814	Pstl: 5649 1936 1543 408
P2936	<i>Adam</i>	GH12681	pOT2	1227	FBgn0027619	<i>EIF3J</i>	ENSG00000104131	Pstl: 5649 2347 558 408
P2937	<i>CG1889</i>	GH12692	pOT2	1215	FBgn0030164	<i>ANGPTL2</i>	ENSG00000136859	Pstl: 5649 2041 606 408 246
P2938	<i>PpD3</i>	GH12714	pOT2	2385	FBgn0005777	<i>PPP5C</i>	ENSG00000011485	Pstl: 5649 4063 408
P2939	<i>Gfat2</i>	GH12731	pOT2	2532	FBgn0039580	<i>GFPT1</i>	ENSG00000198380	Pstl: 5649 2164 1932 408 87 27
P2940	<i>Nup62</i>	GH12838	pOT2	1321	FBgn0034118	<i>NUP62CL</i>	ENSG00000198088	Pstl: 5649 2298 701 408
P2941	<i>Vha36-1</i>	GH12958	pOT2	1060	FBgn0022097	<i>ATP6V1D</i>	ENSG00000100554	Pstl: 5649 1834 408 352 333 219
P2942	<i>S-Lap1</i>	GH13022	pOT2	2143	FBgn0035915	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 3821 408
P2943	<i>mlt</i>	GH13040	pOT2	2192	FBgn0265512	<i>TBCEL</i>	ENSG00000154114	Pstl: 5649 2128 1226 408 339 177
P2944	<i>CG4995</i>	GH13054	pOT2	1407	FBgn0032219	<i>SLC25A2</i>	ENSG00000120329	Pstl: 5649 3085 408
P2945	<i>E2f2</i>	GH13089	pOT2	1502	FBgn0024371	<i>E2F5</i>	ENSG00000133740	Pstl: 5649 1815 1365 408
P2946	<i>Pi3K59F</i>	GH13170	pOT2	3157	FBgn0015277	<i>PIK3C3</i>	ENSG00000078142	Pstl: 5649 1944 1902 594 408 395
P2947	<i>Pglym78</i>	GH13304	pOT2	1152	FBgn0014869	<i>PGAM1</i>	ENSG00000171314	Pstl: 5649 2830 408
P2948	<i>CG14718</i>	GH13594	pOT2	2092	FBgn0037939	<i>FUS</i>	ENSG00000089280	Pstl: 5649 3434 408 336
P2949	<i>CG8314</i>	GH13672	pOT2	1276	FBgn0034057	<i>ZDHHC3</i>	ENSG00000163812	Pstl: 5649 2304 650 408
P2950	<i>Tcp-1zeta</i>	GH13725	pOT2	1921	FBgn0027329	<i>CCT6B</i>	ENSG00000132141	Pstl: 5649 2323 933 408 343
P2951	<i>bun</i>	GH13775	pOT2	1756	FBgn0259176	<i>TSC22D4</i>	ENSG00000166925	Pstl: 5649 1861 944 620 408 9
P2952	<i>opa1-like</i>	GH13793	pOT2	3085	FBgn0261276	<i>OPA1</i>	ENSG00000198836	Pstl: 5649 1963 1473 827 417 408 83
P2953	<i>CG13630</i>	GH13823	pOT2	1286	FBgn0039219	<i>METAP1</i>	ENSG00000164024	Pstl: 5649 2715 408 249
P2954	<i>Orc2</i>	GH13824	pOT2	1984	FBgn0015270	<i>ORC2</i>	ENSG00000115942	Pstl: 5649 1654 1279 729 408
P2955	<i>Odc1</i>	GH13851	pOT2	1300	FBgn0013307	<i>AZIN2</i>	ENSG00000142920	Pstl: 5649 2182 519 408 277
P2956	<i>CG9010</i>	GH13901	pOT2	1223	FBgn0034173	<i>GAPDH</i>	ENSG00000111640	Pstl: 5649 2901 408
P2957	<i>alpha-Est7</i>	GH13950	pOT2	2017	FBgn0015575	<i>CES2</i>	ENSG00000172831	Pstl: 5649 2353 838 504 408
P2958	<i>shrb</i>	GH13992	pOT2	1269	FBgn0086656	<i>CHMP4C</i>	ENSG00000164695	Pstl: 5649 1585 1362 408
P2960	<i>Ser7</i>	GH14088	pOT2	1422	FBgn0019929	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1850 999 408 251
P2961	<i>CG2493</i>	GH14278	pOT2	1670	FBgn0032864	<i>PRCP</i>	ENSG00000137509	Pstl: 5649 2567 781 408
P2962	<i>CG18003</i>	GH14288	pOT2	4547	FBgn0061356	<i>HAO1</i>	ENSG00000101323	Pstl: 6225 5649 408
P2963	<i>CG3045</i>	GH14326	pOT2	1728	FBgn0034703	<i>PUS3</i>	ENSG00000110060	Pstl: 5649 2969 437 408
P2964	<i>Bl-1</i>	GH14327	pOT2	1102	FBgn0035871	<i>TMBIM6</i>	ENSG00000139644	Pstl: 5649 2780 408
P2965	<i>slmo</i>	GH14384	pOT2	1261	FBgn0029161	<i>PRELID3B</i>	ENSG00000101166	Pstl: 5649 2939 408

P2966	<i>Spn88Ea</i>	GH14439	pOT2	1511	FBgn0028984	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 3189 408
P2967	<i>vps24</i>	GH14561	pOT2	1094	FBgn0037231	<i>CHMP3</i>	ENSG00000115561	Pstl: 5649 2772 408
P2968	<i>DNApol-gamma35</i>	GH14674	pOT2	1558	FBgn0004407	<i>POLG2</i>	ENSG00000256525	Pstl: 5649 3236 408
P2969	<i>CG10859</i>	GH14707	pOT2	2162	FBgn0032520	<i>DNAI2</i>	ENSG00000171595	Pstl: 5649 3840 408
P2970	<i>eff</i>	GH14739	pOT2	1943	FBgn0011217	<i>UBE2E2</i>	ENSG00000182247	Pstl: 5649 1850 1427 408 170 147 27
P2971	<i>UQCRC-C1</i>	GH01077	pOT2	1532	FBgn0038271	<i>UQCRC1</i>	ENSG00000010256	Pstl: 5649 1878 675 408 340 203 114
P2972	<i>ldh</i>	GH01524	pOT2	2050	FBgn0001248	<i>IDH1</i>	ENSG00000138413	Pstl: 5649 3728 408
P2973	<i>PGRP-LE</i>	GH01554	pOT2	1374	FBgn0030695	<i>PGLYRP4</i>	ENSG00000163218	Pstl: 5649 3052 408
P2974	<i>CG17739</i>	GH02025	pOT2	2836	FBgn0033710	<i>SPON1</i>	ENSG00000262655	verified by sequencing
P2975	<i>S-Lap3</i>	GH02452	pOT2	2281	FBgn0045770	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 2066 1136 757 408
P2976	<i>Mocs2</i>	GH02855	pOT2	1403	FBgn0039280	<i>MBIP</i>	ENSG00000151332	Pstl: 5649 3081 408
P2977	<i>Hpd</i>	GH03058	pOT2	1507	FBgn0036992	<i>HPD</i>	ENSG00000158104	Pstl: 5649 1753 1006 408 387 39
P2978	<i>Cp110</i>	GH03511	pOT2	2773	FBgn0031191	<i>CCP110</i>	ENSG00000103540	Pstl: 5649 2772 702 513 408 287 177
P2979	<i>Cyt-b5-r</i>	GH03691	pOT2	1481	FBgn0000406	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 3159 408
P2980	<i>Pkg21D</i>	GH03852	pOT2	2585	FBgn0000442	<i>PRKG2</i>	ENSG00000138669	Pstl: 5649 2259 1638 408 366
P2982	<i>CG6465</i>	GH04054	pOT2	1317	FBgn0037818	<i>ACY1</i>	ENSG00000243989	Pstl: 5649 2995 408
P2983	<i>Alp6</i>	GH04113	pOT2	1679	FBgn0033423	<i>ALPP</i>	ENSG00000163283	Pstl: 5649 3357 408
P2984	<i>CG30160</i>	GH04835	pOT2	1562	FBgn0050160	<i>CD63</i>	ENSG00000135404	Pstl: 5649 3240 408
P2985	<i>RagA-B</i>	GH04846	pOT2	1407	FBgn0037647	<i>RRAGB</i>	ENSG00000083750	Pstl: 5649 2537 548 408
P2986	<i>flw</i>	GH05039	pOT2	2727	FBgn0000711	<i>PPP1CA</i>	ENSG00000172531	Pstl: 5649 3962 443 408
P2987	<i>Dlic</i>	GH06357	pOT2	2242	FBgn0030276	<i>DYNC1LI2</i>	ENSG00000135720	Pstl: 5649 2964 466 408 267 223
P2988	<i>Lrr47</i>	GH06740	pOT2	1593	FBgn0010398	<i>LRR1</i>	ENSG00000165501	Pstl: 5649 2741 530 408
P2989	<i>lpk1</i>	GH07317	pOT2	2476	FBgn0050295	<i>IPPK</i>	ENSG00000127080	Pstl: 5649 2929 1225 408
P2990	<i>Nha2</i>	GH07323	pOT2	2144	FBgn0263390	<i>SLC9B2</i>	ENSG00000164038	Pstl: 5649 2086 1047 408 323 258 108
P2991	<i>Sox21b</i>	GH07353	pOT2	2669	FBgn0042630	<i>SOX7</i>	ENSG00000171056	Pstl: 5649 4347 408
P2992	<i>CG1774</i>	GH08048	pOT2	1754	FBgn0039856	<i>ACOT9</i>	ENSG00000123130	Pstl: 5649 2826 606 408
P2993	<i>Kil</i>	GH08630	pOT2	2629	FBgn0038839	<i>KCTD12</i>	ENSG00000178695	Pstl: 5649 3930 408 377
P2994	<i>CG6126</i>	GH09241	pOT2	2118	FBgn0038407	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3340 408 297 147 12
P2995	<i>CG9314</i>	GH09387	pOT2	1816	FBgn0032061	<i>CAT</i>	ENSG00000121691	Pstl: 5649 1971 1107 416 408
P2996	<i>CG31523</i>	GH09808	pOT2	2580	FBgn0051523	<i>CBR4</i>	ENSG00000145439	Pstl: 5649 4258 408
P2997	<i>h-cup</i>	GH10346	pOT2	1517	FBgn0038334	<i>SIKE1</i>	ENSG00000052723	Pstl: 5649 1703 1492 408
P2998	<i>CG15309</i>	GH10478	pOT2	1612	FBgn0030183	<i>YPEL3</i>	ENSG00000090238	Pstl: 5649 3290 408
P2999	<i>Pp1-13C</i>	GH10637	pOT2	1910	FBgn0003132	<i>PPP1CA</i>	ENSG00000172531	Pstl: 5649 3588 408
P3000	<i>Pat1</i>	GH10889	pOT2	3222	FBgn0029878	<i>APPBP2</i>	ENSG00000062725	Pstl: 5649 2300 1451 534 423 408 150 42
P3001	<i>Galk</i>	GH11113	pOT2	2047	FBgn0263199	<i>GALK2</i>	ENSG00000156958	Pstl: 5649 3162 563 408
P3002	<i>lrk2</i>	GH11459	pOT2	1914	FBgn0039081	<i>KCNJ1</i>	ENSG00000151704	Pstl: 5649 1694 691 681 408 264 144 118
P3003	<i>Cbp53E</i>	GH11671	pOT2	1339	FBgn0004580	<i>SCGN</i>	ENSG00000079689	Pstl: 5649 2036 981 408
P3004	<i>FucT6</i>	GH11963	pOT2	2764	FBgn0030327	<i>FUT8</i>	ENSG00000033170	Pstl: 5649 4442 408
P3005	<i>alpha-Est5</i>	GH12017	pOT2	1906	FBgn0261393	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3584 408
P3006	<i>CG10286</i>	GH12023	pOT2	2178	FBgn0037439	<i>HEATR3</i>	ENSG00000155393	Pstl: 5649 2316 1202 408 338
P3007	<i>sei</i>	GH12235	pOT2	2729	FBgn0003353	<i>KCNH6</i>	ENSG00000173826	Pstl: 5649 4407 408
P3008	<i>DEF8</i>	GH12489	pOT2	1627	FBgn0046296	<i>DEF8</i>	ENSG00000140995	Pstl: 5649 2596 580 408 129
P3009	<i>Trh</i>	GH12537	pOT2	2177	FBgn0035187	<i>TH</i>	ENSG00000180176	Pstl: 5649 3855 408
P3010	<i>CG9951</i>	GH12970	pOT2	1828	FBgn0036671	<i>CCDC22</i>	ENSG00000101997	Pstl: 5649 1789 1717 408
P3011	<i>CG11594</i>	GH12991	pOT2	2858	FBgn0035484	<i>FGGY</i>	ENSG00000172456	Pstl: 5649 2841 1695 408
P3012	<i>Rsph4a</i>	GH13165	pOT2	2301	FBgn0034957	<i>RSPH4A</i>	ENSG00000111834	Pstl: 5649 3018 883 408 78
P3013	<i>Rsph3</i>	GH13213	pOT2	2514	FBgn0052392	<i>RSPH3</i>	ENSG00000130363	Pstl: 5649 4192 408
P3014	<i>sax</i>	GH13369	pOT2	2734	FBgn0003317	<i>BMPR1A</i>	ENSG00000107779	Pstl: 5649 3186 829 408 364 33

P3015	<i>nemy</i>	GH13729	pOT2	2226	FBgn0261673	<i>CYBRD1</i>	ENSG00000071967	Pstl: 5649 3904 408
P3016	<i>CG1441</i>	GH13752	pOT2	1851	FBgn0033464	<i>FAR1</i>	ENSG00000197601	Pstl: 5649 2971 558 408
P3017	<i>CG9331</i>	GH13879	pOT2	1389	FBgn0032889	<i>GRHPR</i>	ENSG00000137106	Pstl: 5649 3067 408
P3018	<i>SdhA</i>	GH13919	pOT2	2660	FBgn0261439	<i>SDHA</i>	ENSG00000073578	Pstl: 5649 2296 1934 408 108
P3019	<i>ERp60</i>	GH13982	pOT2	2467	FBgn0033663	<i>PDIA3</i>	ENSG00000167004	Pstl: 5649 2181 1964 408
P3020	<i>erm</i>	GH14092	pOT2	2865	FBgn0031375	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2230 1657 656 408
P3021	<i>CG2955</i>	GH14206	pOT2	1920	FBgn0031585	<i>MAPRE2</i>	ENSG00000166974	Pstl: 5649 3598 408
P3022	<i>alpha-Est2</i>	GH15053	pOT2	1962	FBgn0015570	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3640 408
P3023	<i>pn</i>	GH15456	pOT2	1766	FBgn0003116	<i>PRUNE2</i>	ENSG00000106772	Pstl: 5649 3444 408
P3024	<i>Slc25A46a</i>	GH15472	pOT2	1451	FBgn0030717	<i>SLC25A46</i>	ENSG00000164209	Pstl: 5649 1809 1320 408
P3025	<i>CG18809</i>	GH15549	pOT2	2922	FBgn0042132	<i>TRIR</i>	ENSG00000123144	Pstl: 5649 2703 1186 408 400 311
P3026	<i>CG7742</i>	GH15768	pOT2	1733	FBgn0031690	<i>TBC1D19</i>	ENSG00000109680	Pstl: 5649 1948 1122 408 254 87
P3027	<i>CG3085</i>	GH15825	pOT2	1579	FBgn0034816	<i>TEKT2</i>	ENSG00000092850	Pstl: 5649 1960 517 486 408 294
P3028	<i>CG6432</i>	GH15945	pOT2	2285	FBgn0039184	<i>ACSS3</i>	ENSG00000111058	Pstl: 5649 3963 408
P3029	<i>drongo</i>	GH16240	pOT2	2418	FBgn0020304	<i>AGFG2</i>	ENSG00000106351	Pstl: 5649 4096 408
P3030	<i>RagC-D</i>	GH16429	pOT2	1552	FBgn0033272	<i>RRAGC</i>	ENSG00000116954	Pstl: 5649 2505 725 408
P3031	<i>GlcAT-S</i>	GH16433	pOT2	2406	FBgn0032135	<i>B3GAT3</i>	ENSG00000149541	Pstl: 5649 3369 715 408
P3032	<i>CG9630</i>	GH16590	pOT2	1958	FBgn0037561	<i>DDX55</i>	ENSG00000111364	Pstl: 5649 2191 908 537 408
P3033	<i>312</i>	GH16625	pOT2	1603	FBgn0029514	<i>MALSU1</i>	ENSG00000156928	Pstl: 5649 3281 408
P3034	<i>cry</i>	GH16672	pOT2	1856	FBgn0025680	<i>CRY1</i>	ENSG00000008405	Pstl: 5649 2065 1316 408 153
P3035	<i>Faf</i>	GH16914	pOT2	1959	FBgn0025608	<i>FAF1</i>	ENSG00000185104	Pstl: 5649 2848 556 408 233
P3036	<i>CG3708</i>	GH17085	pOT2	2072	FBgn0040345	<i>NAP1L2</i>	ENSG00000186462	Pstl: 5649 2039 1711 408
P3037	<i>CG3492</i>	GH18016	pOT2	1535	FBgn0035007	<i>PPIA</i>	ENSG00000196262	verified by sequencing
P3038	<i>CG30159</i>	GH17623	pOT2	1562	FBgn0050159	<i>C3orf33</i>	ENSG00000174928	Pstl: 5649 2362 878 408
P3039	<i>CG7848</i>	GH17657	pOT2	2071	FBgn0034127	<i>ME3</i>	ENSG00000151376	Pstl: 5649 1794 707 650 598 408
P3040	<i>CG33056</i>	GH17661	pOT2	1623	FBgn0053056	<i>OARD1</i>	ENSG00000124596	Pstl: 5649 2196 1105 408
P3041	<i>Wdr37</i>	GH17724	pOT2	2141	FBgn0038617	<i>WDR37</i>	ENSG00000047056	Pstl: 5649 2524 626 512 408 157
P3042	<i>Prat2</i>	GH17891	pOT2	1929	FBgn0041194	<i>PPAT</i>	ENSG00000128059	Pstl: 5649 3032 575 408
P3043	<i>D2hgdh</i>	GH18028	pOT2	1951	FBgn0023507	<i>D2HGDH</i>	ENSG00000180902	Pstl: 5649 3629 408
P3044	<i>deltaCOP</i>	GH18123	pOT2	2190	FBgn0028969	<i>ARCN1</i>	ENSG00000095139	Pstl: 5649 1832 844 408 322 257 240 215 158
P3045	<i>Ets65A</i>	GH18452	pOT2	2180	FBgn0005658	<i>GABPA</i>	ENSG00000154727	Pstl: 5649 3858 408
P3046	<i>Spn47C</i>	GH18514	pOT2	1334	FBgn0033574	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 3012 408
P3047	<i>Cyp28a5</i>	GH18601	pOT2	1760	FBgn0028940	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2230 1208 408
P3048	<i>BuGZ</i>	GH18623	pOT2	1316	FBgn0032600	<i>ZNF207</i>	ENSG00000010244	Pstl: 5649 2994 408
P3049	<i>CG3342</i>	GH18625	pOT2	1679	FBgn0029874	<i>FKBP6</i>	ENSG00000077800	Pstl: 5649 1871 562 501 408 375 48
P3050	<i>fzr2</i>	GH18995	pOT2	1441	FBgn0034937	<i>FZR1</i>	ENSG00000105325	Pstl: 5649 3119 408
P3051	<i>CG5287</i>	GH19029	pOT2	1579	FBgn0032477	<i>DPAGT1</i>	ENSG00000172269	Pstl: 5649 3257 408
P3052	<i>CG3829</i>	GH19047	pOT2	3162	FBgn0035091	<i>SCARB2</i>	ENSG00000138760	Pstl: 5649 2513 1714 547 408 66
P3053	<i>Arr1</i>	GH19095	pOT2	2876	FBgn0000120	<i>ARR3</i>	ENSG00000120500	Pstl: 5649 2495 1664 408 395
P3054	<i>CG8199</i>	GH19141	pOT2	1767	FBgn0037709	<i>BCKDHA</i>	ENSG00000248098	Pstl: 5649 3445 408
P3055	<i>CG2616</i>	GH19222	pOT2	1463	FBgn0037512	<i>SLC25A39</i>	ENSG00000013306	Pstl: 5649 2122 546 473 408
P3056	<i>CG9427</i>	GH19763	pOT2	859	FBgn0037721	<i>IFI30</i>	ENSG00000216490	Pstl: 5649 1708 748 408 81
P3057	<i>CG14740</i>	GH19789	pOT2	1568	FBgn0037988	<i>CS</i>	ENSG00000062485	Pstl: 5649 3246 408
P3058	<i>CG11200</i>	GH19857	pOT2	1703	FBgn0034500	<i>RDH12</i>	ENSG00000139988	Pstl: 5649 1996 1190 408 195
P3059	<i>SLC5A11</i>	GH19970	pOT2	2649	FBgn0031998	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 4327 408
P3060	<i>Hs2st</i>	GH20044	pOT2	1681	FBgn0024230	<i>HS2ST1</i>	ENSG00000153936	Pstl: 5649 2421 938 408
P3061	<i>CG8560</i>	GH20109	pOT2	1327	FBgn0035781	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 3005 408
P3062	<i>CG7720</i>	GH20226	pOT2	2549	FBgn0038652	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 4227 408

P3063	<i>Cyp12c1</i>	GH20281	pOT2	1617	FBgn0036806	<i>CYP2C9</i>	ENSG00000138109	Pstl: 5649 3295 408
P3064	<i>CG42322</i>	GH20388	pOT2	2021	FBgn0259222	<i>SLC35F4</i>	ENSG00000151812	Pstl: 5649 3699 408
P3065	<i>Balat</i>	GH20501	pOT2	1891	FBgn0033778	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3569 408
P3066	<i>ABCB7</i>	GH20617	pOT2	2979	FBgn0035244	<i>ABCB7</i>	ENSG00000131269	Pstl: 5649 2218 1925 514 408
P3067	<i>imd</i>	GH20785	pOT2	1289	FBgn0013983	<i>TRADD</i>	ENSG00000102871	Pstl: 5649 1664 681 622 408
P3068	<i>CG6661</i>	GH20963	pOT2	1927	FBgn0036403	<i>ALDH4A1</i>	ENSG00000159423	Pstl: 5649 2100 948 557 408
P3069	<i>hiro</i>	GH21114	pOT2	1471	FBgn0035154	<i>SCPEP1</i>	ENSG00000121064	Pstl: 5649 2302 847 408
P3070	<i>Cyp4p2</i>	GH21174	pOT2	1777	FBgn0033395	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3021 434 408
P3071	<i>Ssadh</i>	GH21316	pOT2	1851	FBgn0039349	<i>ALDH5A1</i>	ENSG00000112294	Pstl: 5649 1864 1285 408 236 144
P3072	<i>PH4alphaNE3</i>	GH21465	pOT2	1645	FBgn0051017	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 2532 791 408
P3073	<i>CG6484</i>	GH21490	pOT2	1587	FBgn0034247	<i>ACRV1</i>	ENSG00000134940	Pstl: 5649 2300 965 408
P3074	<i>Orct</i>	GH21655	pOT2	2564	FBgn0019952	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 2668 612 595 408 367
P3075	<i>CG34313</i>	GH21880	pOT2	2257	FBgn0085342	<i>SNRNP25</i>	ENSG00000161981	Pstl: 5649 2601 842 492 408
P3076	<i>CG3793</i>	GH21948	pOT2	1588	FBgn0028507	<i>LCMT1</i>	ENSG00000205629	Pstl: 5649 2246 655 408 203 162
P3077	<i>CG8026</i>	GH22139	pOT2	2962	FBgn0033391	<i>SLC25A32</i>	ENSG00000164933	Pstl: 5649 3070 1273 408 297
P3078	<i>CG5805</i>	GH22160	pOT2	1981	FBgn0039223	<i>SLC25A44</i>	ENSG00000160785	Pstl: 5649 2410 1249 408
P3079	<i>Cyp4d8</i>	GH22459	pOT2	1597	FBgn0015033	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2476 799 408
P3081	<i>prd</i>	GH22686	pOT2	2348	FBgn0003145	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 3059 967 408
P3082	<i>CG1909</i>	GH22690	pOT2	2405	FBgn0039911	<i>RAPSN</i>	ENSG00000165917	Pstl: 5649 2580 1503 408
P3083	<i>Coq6</i>	GH22740	pOT2	1592	FBgn0031713	<i>COQ6</i>	ENSG00000119723	Pstl: 5649 1707 792 771 408
P3084	<i>Sobp</i>	GH22790	pOT2	2829	FBgn0033654	<i>SOBP</i>	ENSG00000112320	Pstl: 5649 1980 903 575 486 408 292 271
P3085	<i>nAcRalpha-96Ab</i>	GH22843	pOT2	2393	FBgn0000039	<i>CHRNA4</i>	ENSG00000101204	Pstl: 5649 4071 408
P3086	<i>santa-maria</i>	GH23019	pOT2	1909	FBgn0025697	<i>SCARB2</i>	ENSG00000138760	Pstl: 5649 3065 522 408
P3087	<i>Klp68D</i>	GH23075	pOT2	2980	FBgn0004381	<i>KIF3A</i>	ENSG00000131437	Pstl: 5649 2311 1065 457 408 402 297 126
P3088	<i>CG10341</i>	GH23387	pOT2	1863	FBgn0032701	<i>NAF1</i>	ENSG00000145414	Pstl: 5649 3541 408
P3089	<i>desat1</i>	GH23546	pOT2	2104	FBgn0086687	<i>SCD5</i>	ENSG00000145284	Pstl: 5649 3279 503 408
P3090	<i>Pdss2</i>	GH23839	pOT2	1973	FBgn0037044	<i>PDSS2</i>	ENSG00000164494	Pstl: 5649 1900 912 578 408 261
P3091	<i>Aduk</i>	GH23955	pOT2	2099	FBgn0037679	<i>ULK3</i>	ENSG00000140474	Pstl: 5649 2010 695 453 448 408 161 10
P3092	<i>Est-Q</i>	GH24077	pOT2	1813	FBgn0037090	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3491 408
P3093	<i>Cyp4ac1</i>	GH24257	pOT2	1699	FBgn0031693	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2728 649 408
P3094	<i>Cyp4ae1</i>	GH24265	pOT2	1842	FBgn0015036	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2997 523 408
P3095	<i>CG9663</i>	GH24286	pOT2	2992	FBgn0031516	<i>ABCG5</i>	ENSG00000138075	Pstl: 5649 4670 408
P3096	<i>Ice</i>	GH24292	pOT2	1949	FBgn0019972	<i>CASP6</i>	ENSG00000138794	Pstl: 5649 3627 408
P3097	<i>CysRS-m</i>	GH24360	pOT2	1787	FBgn0033900	<i>CARS2</i>	ENSG00000134905	Pstl: 5649 2171 798 496 408
P3098	<i>CG10137</i>	GH24474	pOT2	3245	FBgn0032800	<i>CEP104</i>	ENSG00000116198	Pstl: 5649 2743 930 606 579 408 65
P3099	<i>koko</i>	GH24605	pOT2	1802	FBgn0264816	<i>CCNT1</i>	ENSG00000129315	Pstl: 5649 3480 408
P3100	<i>SMSr</i>	GH24627	pOT2	2652	FBgn0052380	<i>SAMD8</i>	ENSG00000156671	Pstl: 5649 2974 813 543 408
P3101	<i>Cyp6d4</i>	GH24669	pOT2	1852	FBgn0039006	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2320 1157 408 53
P3102	<i>Pus7</i>	GH24787	pOT2	2755	FBgn0035901	<i>PUS7L</i>	ENSG00000129317	Pstl: 5649 4433 408
P3103	<i>CG31693</i>	GH25177	pOT2	2112	FBgn0051693	<i>OCA2</i>	ENSG00000104044	Pstl: 5649 3790 408
P3104	<i>sut2</i>	GH25507	pOT2	1606	FBgn0028562	<i>SLC2A11</i>	ENSG00000133460	Pstl: 5649 1789 1495 408
P3105	<i>CG5641</i>	GH25564	pOT2	1372	FBgn0038046	<i>ILF2</i>	ENSG00000143621	Pstl: 5649 3050 408
P3106	<i>CG6340</i>	GH25653	pOT2	2039	FBgn0030648	<i>RSRC2</i>	ENSG00000111011	Pstl: 5649 2640 1077 408
P3107	<i>CG10803</i>	GH25737	pOT2	2609	FBgn0029666	<i>TROVE2</i>	ENSG00000116747	Pstl: 5649 1994 1780 513 408
P3108	<i>Cog3</i>	GH25768	pOT2	2966	FBgn0031536	<i>COG3</i>	ENSG00000136152	Pstl: 5649 2577 831 519 507 408 165 45
P3109	<i>Cct2</i>	GH25855	pOT2	1714	FBgn0035231	<i>PCYT1A</i>	ENSG00000161217	Pstl: 5649 2105 1287 408
P3110	<i>CG8888</i>	GH26015	pOT2	1705	FBgn0033679	<i>KDSR</i>	ENSG00000119537	Pstl: 5649 1939 1444 408
P3111	<i>CG8509</i>	GH26069	pOT2	1418	FBgn0030696	<i>PTPA</i>	ENSG00000119383	Pstl: 5649 2059 998 408 39

P3112	<i>Timp</i>	GH26186	pOT2	1590	FBgn0025879	<i>TIMP1</i>	ENSG00000102265	Pstl: 5649 2734 534 408
P3113	<i>Idh3b</i>	GH26270	pOT2	1615	FBgn0038922	<i>IDH3A</i>	ENSG00000166411	Pstl: 5649 2484 809 408
P3114	<i>Nmda1</i>	GH26622	pOT2	2073	FBgn0013305	<i>TMBIM1</i>	ENSG00000135926	Pstl: 5649 2160 1591 408
P3115	<i>CG10483</i>	GH26628	pOT2	2252	FBgn0035649	<i>XPR1</i>	ENSG00000143324	Pstl: 5649 3930 408
P3116	<i>CARPB</i>	GH26663	pOT2	1769	FBgn0052698	<i>CA10</i>	ENSG00000154975	Pstl: 5649 2285 622 540 408
P3117	<i>Cyp9f2</i>	GH26796	pOT2	1684	FBgn0038037	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2505 857 408
P3118	<i>Vha55</i>	GH27148	pOT2	2077	FBgn0005671	<i>ATP6V1B1</i>	ENSG00000116039	Pstl: 5649 3755 408
P3119	<i>HPS1</i>	GH27401	pOT2	2094	FBgn0033973	<i>HPS1</i>	ENSG00000107521	Pstl: 5649 2747 504 408 365 84 72
P3120	<i>Cyp305a1</i>	GH27419	pOT2	1807	FBgn0036910	<i>CYP2C9</i>	ENSG00000138109	Pstl: 5649 2931 554 408
P3121	<i>Sil1</i>	GH27496	pOT2	1808	FBgn0039296	<i>SIL1</i>	ENSG00000120725	Pstl: 5649 3022 464 408
P3122	<i>CG8195</i>	GH27640	pOT2	2285	FBgn0034032	<i>SLC35F5</i>	ENSG00000115084	Pstl: 5649 3963 408
P3123	<i>CG2865</i>	GH27792	pOT2	1452	FBgn0023526	<i>SERTAD4</i>	ENSG00000082497	Pstl: 5649 1892 1238 408
P3124	<i>Ugt36D1</i>	GH27888	pOT2	1952	FBgn0032713	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 2604 552 474 408
P3125	<i>crol</i>	GH27971	pOT2	5544	FBgn0020309	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 4389 2564 408 269
P3126	<i>ERR</i>	GH28308	pOT2	2118	FBgn0035849	<i>ESRRG</i>	ENSG00000196482	Pstl: 5649 3008 788 408
P3127	<i>CG7206</i>	GH28353	pOT2	1631	FBgn0030892	<i>SWT1</i>	ENSG00000116668	Pstl: 5649 1970 408 354 315 307 210 147 6
P3128	<i>CG6550</i>	GH28477	pOT2	1772	FBgn0034214	<i>CDKAL1</i>	ENSG00000145996	Pstl: 5649 3450 408
P3129	<i>CG8654</i>	GH28654	pOT2	2392	FBgn0034479	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3496 574 408
P3130	<i>Chd64</i>	GH28730	pOT2	1421	FBgn0035499	<i>CNN1</i>	ENSG00000130176	Pstl: 5649 2214 513 408 171 123 78
P3131	<i>CG10958</i>	GH28826	pOT2	2580	FBgn0030004	<i>DRC1</i>	ENSG00000157856	Pstl: 5649 2198 2060 408
P3132	<i>SPE</i>	GH28857	pOT2	1284	FBgn0039102	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2339 512 408 111
P3133	<i>ND-51</i>	GM14163	pOT2	1549	FBgn0031771	<i>NDUFV1</i>	ENSG00000167792	Pstl: 5649 3227 408
P3134	<i>Hk</i>	HL08167	pOT2	2535	FBgn0263220	<i>KCNAB2</i>	ENSG00000069424	Pstl: 5649 1842 855 781 500 408 135 100
P3135	<i>mars</i>	LD21642	pOT2	3035	FBgn0033845	<i>DLGAP3</i>	ENSG00000116544	Pstl: 5649 2280 1980 408 207 165 81
P3136	<i>Dbp21E2</i>	LD21669	pOT2	1708	FBgn0086130	<i>DDX28</i>	ENSG00000182810	Pstl: 5649 1685 1400 408 301
P3137	<i>CG9300</i>	LD21924	pOT2	2142	FBgn0036886	<i>NOL11</i>	ENSG00000130935	Pstl: 5649 2028 1552 408 240
P3138	<i>BCL7-like</i>	LD22180	pOT2	1670	FBgn0026149	<i>BCL7C</i>	ENSG00000099385	Pstl: 5649 3348 408
P3139	<i>ZnT63C</i>	LD22804	pOT2	1945	FBgn0035432	<i>SLC30A1</i>	ENSG00000170385	Pstl: 5649 3623 408
P3140	<i>MRG15</i>	LD22902	pOT2	1495	FBgn0027378	<i>MORF4L2</i>	ENSG00000123562	Pstl: 5649 3173 408
P3141	<i>l(2)gd1</i>	LD23056	pOT2	2982	FBgn0261983	<i>CC2D1B</i>	ENSG00000154222	Pstl: 5649 2123 1194 888 455 408
P3142	<i>pasha</i>	LD23072	pOT2	2859	FBgn0039861	<i>DGCR8</i>	ENSG00000128191	Pstl: 5649 2079 1605 853 408
P3143	<i>Lst8</i>	LD23129	pOT2	1758	FBgn0264691	<i>MLST8</i>	ENSG00000167965	Pstl: 5649 2358 1078 408
P3144	<i>CG6712</i>	LD23405	pOT2	1314	FBgn0032408	<i>IMP4</i>	ENSG00000136718	Pstl: 5649 1702 1290 408
P3145	<i>CG11403</i>	LD24267	pOT2	2883	FBgn0026876	<i>DDX11</i>	ENSG0000013573	Pstl: 5649 3065 594 472 430 408
P3146	<i>RIOK1</i>	LD24837	pOT2	2254	FBgn0036187	<i>RIOK1</i>	ENSG00000124784	Pstl: 5649 2423 1509 408
P3147	<i>Cdc6</i>	LD25083	pOT2	2482	FBgn0035918	<i>CDC6</i>	ENSG00000094804	Pstl: 5649 2014 1279 408 363 225 132 79 68
P3148	<i>Chi</i>	LD25129	pOT2	2151	FBgn0013764	<i>LDB1</i>	ENSG00000198728	Pstl: 5649 2863 966 408
P3149	<i>Jra</i>	LD25202	pOT2	1525	FBgn0001291	<i>JUNB</i>	ENSG00000171223	Pstl: 5649 3203 408
P3150	<i>Fer1HCH</i>	LD25232	pOT2	1644	FBgn0015222	<i>FTMT</i>	ENSG00000181867	Pstl: 5649 3322 408
P3151	<i>Cpsf6</i>	LD25239	pOT2	2858	FBgn0035872	<i>CPSF6</i>	ENSG00000111605	Pstl: 5649 2521 2015 408
P3152	<i>CG9967</i>	LD25280	pOT2	1650	FBgn0031413	<i>MKRN2OS</i>	ENSG00000225526	Pstl: 5649 1963 1275 408 90
P3153	<i>CG8301</i>	LD25464	pOT2	2950	FBgn0037717	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2496 758 523 436 415 408
P3154	<i>CG5776</i>	LD25466	pOT2	2902	FBgn0032450	<i>SPATA5</i>	ENSG00000145375	Pstl: 5649 1738 1174 720 599 408 349
P3155	<i>Gbeta13F</i>	LD25526	pOT2	1882	FBgn0001105	<i>GNB5</i>	ENSG00000069966	Pstl: 5649 2093 1077 408 390
P3156	<i>P58IPK</i>	LD25575	pOT2	2220	FBgn0037718	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 2177 1721 408
P3157	<i>PSR</i>	LD25827	pOT2	1613	FBgn0038948	<i>JMJD6</i>	ENSG00000070495	Pstl: 5649 1727 1003 561 408
P3158	<i>fal</i>	LD25913	pOT2	1922	FBgn0028380	<i>SAMHD1</i>	ENSG00000101347	Pstl: 5649 3600 408
P3159	<i>CG8814</i>	LD25952	pOT2	1809	FBgn0031478	<i>METTL23</i>	ENSG00000181038	Pstl: 5649 2721 766 408

P3160	<i>Rpt6</i>	LD26005	pOT2	1363	FBgn0020369	<i>PSMC5</i>	ENSG00000087191	Pstl: 5649 2640 408 305 54 42
P3161	<i>meso18E</i>	LD26007	pOT2	2494	FBgn0040089	<i>MSANTD2</i>	ENSG00000120458	Pstl: 5649 3163 618 408 391
P3162	<i>mts</i>	LD26077	pOT2	1575	FBgn0004177	<i>PPP2CA</i>	ENSG00000113575	Pstl: 5649 3253 408
P3163	<i>TfilFalpha</i>	LD26157	pOT2	1930	FBgn0010282	<i>GTF2F1</i>	ENSG00000125651	Pstl: 5649 3608 408
P3164	<i>Atg4</i>	LD26292	pOT2	2076	FBgn0031298	<i>ATG4C</i>	ENSG00000125703	Pstl: 5649 3754 408
P3165	<i>CAH2</i>	LD26647	pOT2	1826	FBgn0027843	<i>CA5B</i>	ENSG00000169239	Pstl: 5649 3028 476 408
P3166	<i>CG4407</i>	LD26737	pOT2	1322	FBgn0030431	<i>FLAD1</i>	ENSG00000160688	Pstl: 5649 3000 408
P3167	<i>rogdi</i>	LD26833	pOT2	2028	FBgn0036697	<i>ROGDI</i>	ENSG00000067836	Pstl: 5649 2864 416 408 204 123 99
P3168	<i>IntS9</i>	LD26912	pOT2	2086	FBgn0036570	<i>INTS9</i>	ENSG00000104299	Pstl: 5649 3180 584 408
P3169	<i>Hmgs</i>	LD26976	pOT2	2588	FBgn0010611	<i>HMGCS2</i>	ENSG00000134240	Pstl: 5649 4266 408
P3170	<i>CG10602</i>	LD27070	pOT2	2251	FBgn0032721	<i>LTA4H</i>	ENSG00000111144	Pstl: 5649 2473 1456 408
P3171	<i>UbcD4</i>	LD27480	pOT2	1491	FBgn0015321	<i>UBE2K</i>	ENSG00000078140	Pstl: 5649 2326 808 408 35
P3172	<i>CTPsyn</i>	LD27537	pOT2	2423	FBgn0266452	<i>OR1A2</i>	ENSG00000172150	Pstl: 5649 4101 408
P3173	<i>CG10417</i>	LD27655	pOT2	2510	FBgn0033021	<i>PPM1G</i>	ENSG00000115241	Pstl: 5649 2078 947 549 527 408 87
P3174	<i>Gale</i>	LD27852	pOT2	1804	FBgn0035147	<i>GALE</i>	ENSG00000117308	Pstl: 5649 3482 408
P3175	<i>Su(var)2-10</i>	LD27861	pOT2	2854	FBgn0003612	<i>PIAS4</i>	ENSG00000105229	Pstl: 5649 3963 467 408 102
P3176	<i>Vti1</i>	LD27967	pOT2	1322	FBgn0260862	<i>VTI1B</i>	ENSG00000100568	Pstl: 5649 1944 583 408 296 147 30
P3177	<i>Snm1</i>	LD28027	pOT2	2583	FBgn0037338	<i>DCLRE1A</i>	ENSG00000198924	Pstl: 5649 2667 1375 408 219
P3178	<i>CG10898</i>	LD28119	pOT2	1950	FBgn0037911	<i>NUDT18</i>	ENSG00000275074	Pstl: 5649 3628 408
P3179	<i>Cht2</i>	LD28264	pOT2	1615	FBgn0022702	<i>OVGP1</i>	ENSG00000085465	Pstl: 5649 3293 408
P3180	<i>CG7275</i>	LD28275	pOT2	1454	FBgn0036500	<i>DCAF13</i>	ENSG00000164934	Pstl: 5649 3132 408
P3181	<i>Acer</i>	LD28328	pOT2	2185	FBgn0016122	<i>ACE</i>	ENSG00000159640	Pstl: 5649 3187 676 408
P3182	<i>Art1</i>	LD28808	pOT2	1511	FBgn0037834	<i>PRMT8</i>	ENSG00000111218	Pstl: 5649 1782 769 638 408
P3183	<i>CG6962</i>	LD28817	pOT2	2511	FBgn0037958	<i>SMPD4</i>	ENSG00000136699	Pstl: 5649 1806 1641 616 408 126
P3184	<i>DNApol-iota</i>	LD29090	pOT2	2578	FBgn0037554	<i>POLI</i>	ENSG00000101751	Pstl: 5649 1980 1296 808 408 172
P3185	<i>ncd</i>	LD29131	pOT2	2347	FBgn0002924	<i>KIFC1</i>	ENSG00000237649	Pstl: 5649 1933 737 702 653 408
P3186	<i>Sec71</i>	LD29171	pOT2	5826	FBgn0028538	<i>ARFGEF1</i>	ENSG00000066777	Pstl: 5649 3929 1314 876 764 483 408 138
P3187	<i>CG8507</i>	LD29322	pOT2	1377	FBgn0037756	<i>LRPAP1</i>	ENSG00000163956	Pstl: 5649 2305 481 408 269
P3188	<i>CG5877</i>	LD29352	pOT2	2693	FBgn0030625	<i>NRDE2</i>	ENSG00000119720	Pstl: 5649 2368 1671 408 266 66
P3189	<i>Bap55</i>	LD29458	pOT2	1468	FBgn0025716	<i>ACTL6B</i>	ENSG00000077080	Pstl: 5649 2084 1062 408
P3190	<i>rumi</i>	LD29477	pOT2	1519	FBgn0086253	<i>KDELC2</i>	ENSG00000178202	Pstl: 5649 3197 408
P3191	<i>ABCD</i>	LD29479	pOT2	2594	FBgn0039890	<i>ABCD2</i>	ENSG00000173208	Pstl: 5649 4272 408
P3192	<i>CG10428</i>	LD29806	pOT2	1915	FBgn0032724	<i>GSTCD</i>	ENSG00000138780	Pstl: 5649 1699 1422 408 286 186
P3193	<i>Arpc2</i>	LD29815	pOT2	1935	FBgn0032859	<i>ARPC2</i>	ENSG00000163466	Pstl: 5649 3613 408
P3194	<i>Sec61alpha</i>	LD29847	pOT2	1652	FBgn0086357	<i>SEC61A2</i>	ENSG00000065665	Pstl: 5649 2195 469 408 372 294
P3195	<i>CG4707</i>	LD29879	pOT2	2226	FBgn0035036	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2696 1208 408
P3196	<i>CG3021</i>	LD29918	pOT2	1363	FBgn0040337	<i>TRMU</i>	ENSG00000100416	Pstl: 5649 2717 408 324
P3197	<i>Cortactin</i>	LD29964	pOT2	2383	FBgn0025865	<i>CTTN</i>	ENSG00000085733	Pstl: 5649 2613 1448 408
P3198	<i>CG18787</i>	LD29969	pOT2	1386	FBgn0042125	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2191 652 408 221
P3199	<i>Vap-33-1</i>	LD30122	pOT2	2000	FBgn0029687	<i>VAPB</i>	ENSG00000124164	Pstl: 5649 3678 408
P3200	<i>lost</i>	LD30155	pOT2	2693	FBgn0263594	<i>MTHFSD</i>	ENSG00000103248	Pstl: 5649 3327 1044 408
P3201	<i>shv</i>	LD30318	pOT2	1483	FBgn0031256	<i>DNAJB11</i>	ENSG00000090520	Pstl: 5649 2084 1077 408
P3202	<i>CG12608</i>	LD30439	pOT2	1623	FBgn0030630	<i>PAK1IP1</i>	ENSG00000111845	Pstl: 5649 1988 1313 408
P3203	<i>M1BP</i>	LD30467	pOT2	1484	FBgn0037621	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2762 408 400
P3204	<i>CG5276</i>	LD30472	pOT2	1623	FBgn0037900	<i>CANT1</i>	ENSG00000171302	Pstl: 5649 2227 1074 408
P3205	<i>E(z)</i>	LD30505	pOT2	2439	FBgn0000629	<i>EZH2</i>	ENSG00000106462	Pstl: 5649 2208 1909 408
P3206	<i>BORCS5</i>	LD30509	pOT2	1475	FBgn0030346	<i>BORCS5</i>	ENSG00000165714	Pstl: 5649 3153 408
P3207	<i>Hexim</i>	LD30520	pOT2	1536	FBgn0038251	<i>HEXIM1</i>	ENSG00000186834	Pstl: 5649 2253 961 408

P3208	<i>Hrs</i>	LD30575	pOT2	2742	FBgn0031450	<i>HGS</i>	ENSG00000185359	Pstl: 5649 2031 1078 630 408 291 225 165
P3209	<i>VhaM8.9</i>	LD30634	pOT2	1461	FBgn0037671	<i>ATP6AP2</i>	ENSG00000182220	Pstl: 5649 3139 408
P3210	<i>Atu</i>	LD30655	pOT2	2354	FBgn0019637	<i>LEO1</i>	ENSG00000166477	Pstl: 5649 2289 693 448 408 338 264
P3211	<i>scw</i>	LD30945	pOT2	1330	FBgn0005590	<i>BMP6</i>	ENSG00000153162	Pstl: 5649 3008 408
P3212	<i>Cdk4</i>	LD31205	pOT2	2027	FBgn0016131	<i>CDK6</i>	ENSG00000105810	Pstl: 5649 3705 408
P3213	<i>CG12007</i>	LD31216	pOT2	1822	FBgn0037293	<i>RABGGTA</i>	ENSG00000100949	Pstl: 5649 3500 408
P3214	<i>CG12301</i>	LD31322	pOT2	2495	FBgn0036514	<i>UTP14A</i>	ENSG00000156697	Pstl: 5649 3083 678 408 250 114 48
P3215	<i>AP-1mu</i>	LD31377	pOT2	1755	FBgn0024833	<i>AP1M1</i>	ENSG00000072958	Pstl: 5649 3433 408
P3216	<i>CG5543</i>	LD31556	pOT2	2123	FBgn0034908	<i>WDR70</i>	ENSG00000082068	Pstl: 5649 2896 905 408
P3217	<i>mRpL1</i>	LD31571	pOT2	1225	FBgn0037566	<i>MRPL1</i>	ENSG00000169288	Pstl: 5649 1844 1059 408
P3218	<i>ash2</i>	LD31680	pOT2	1922	FBgn0000139	<i>ASH2L</i>	ENSG00000129691	Pstl: 5649 2003 1597 408
P3219	<i>LamC</i>	LD31805	pOT2	2366	FBgn0010397	<i>LMNB1</i>	ENSG00000113368	Pstl: 5649 2658 618 423 408 345
P3220	<i>bru-3</i>	LD31834	pOT2	2605	FBgn0264001	<i>CELF6</i>	ENSG00000140488	Pstl: 5649 2648 1635 408
P3221	<i>CG15118</i>	LD31969	pOT2	2509	FBgn0034418	<i>ANKRD13A</i>	ENSG00000076513	Pstl: 5649 2244 885 408 314 279 261 204
P3222	<i>CG8306</i>	LD31990	pOT2	2055	FBgn0034142	<i>FAR1</i>	ENSG00000197601	Pstl: 5649 1765 750 669 510 408 33 6
P3223	<i>Brf</i>	LD32109	pOT2	2270	FBgn0038499	<i>BRF1</i>	ENSG00000185024	Pstl: 5649 2089 957 620 408 163 119
P3224	<i>CG12241</i>	LD32196	pOT2	2973	FBgn0038304	<i>SGSM3</i>	ENSG00000100359	Pstl: 5649 4303 408 348
P3225	<i>CG5850</i>	LD32366	pOT2	2742	FBgn0032172	<i>TMEM184C</i>	ENSG00000164168	Pstl: 5649 3683 737 408
P3226	<i>CIAPIN1</i>	LD32407	pOT2	2335	FBgn0001977	<i>CIAPIN1</i>	ENSG00000005194	Pstl: 5649 3535 478 408
P3227	<i>CG15436</i>	LD32747	pOT2	1408	FBgn0031610	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2194 892 408
P3228	<i>her</i>	LD32783	pOT2	2059	FBgn0001185	<i>CHMP3</i>	ENSG00000115561	Pstl: 5649 2637 1100 408
P3229	<i>CG31301</i>	LD33178	pOT2	1512	FBgn0051301	<i>NKRF</i>	ENSG00000186416	Pstl: 5649 3190 408
P3230	<i>CG3704</i>	LD33276	pOT2	1524	FBgn0040346	<i>GPN1</i>	ENSG00000198522	Pstl: 5649 1874 1328 408
P3231	<i>jigr1</i>	LD33329	pOT2	2249	FBgn0039350	<i>MSANTD2</i>	ENSG00000120458	Pstl: 5649 3927 408
P3232	<i>mbo</i>	LD33348	pOT2	2564	FBgn0026207	<i>NUP88</i>	ENSG00000108559	Pstl: 5649 2375 994 873 408
P3233	<i>Kdm4A</i>	LD33386	pOT2	2017	FBgn0033233	<i>KDM4E</i>	ENSG00000235268	Pstl: 5649 2238 1272 408 185
P3234	<i>alpha-Est1</i>	LD33453	pOT2	2122	FBgn0015568	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3800 408
P3235	<i>Antp</i>	LD33666	pOT2	4087	FBgn0260642	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 3503 2262 408
P3236	<i>CG7878</i>	LD33749	pOT2	2370	FBgn0037549	<i>DDX43</i>	ENSG00000080007	Pstl: 5649 2193 1855 408
P3237	<i>Arp10</i>	LD33759	pOT2	1374	FBgn0031050	<i>ACTR10</i>	ENSG00000131966	Pstl: 5649 1862 699 437 408 54
P3238	<i>Caf1</i>	LD33761	pOT2	1849	FBgn0263979	<i>RBBP7</i>	ENSG00000102054	Pstl: 5649 3527 408
P3239	<i>dlg1</i>	LD33841	pOT2	2639	FBgn0001624	<i>DLG4</i>	ENSG00000132535	Pstl: 5649 4317 408
P3240	<i>mdy</i>	LD33852	pOT2	2074	FBgn0004797	<i>DGAT1</i>	ENSG00000185000	Pstl: 5649 3752 408
P3241	<i>CG5037</i>	LD33876	pOT2	1470	FBgn0032222	<i>COX10</i>	ENSG00000006695	Pstl: 5649 2797 408 351
P3242	<i>CG6388</i>	LD33880	pOT2	1814	FBgn0032430	<i>TRMT1</i>	ENSG00000104907	Pstl: 5649 2159 1069 408 264
P3243	<i>Nak</i>	LD33980	pOT2	3308	FBgn0015772	<i>AAK1</i>	ENSG00000115977	Pstl: 5649 4986 408
P3244	<i>Pif1</i>	LD34105	pOT2	2530	FBgn0031540	<i>PIF1</i>	ENSG00000140451	Pstl: 5649 2137 2011 408 60
P3246	<i>Ykt6</i>	LD34211	pOT2	1439	FBgn0260858	<i>YKT6</i>	ENSG00000106636	Pstl: 5649 2164 462 444 408 47
P3247	<i>Rac1</i>	LD34217	pOT2	1710	FBgn0010333	<i>RAC1</i>	ENSG00000136238	Pstl: 5649 2383 1005 408
P3248	<i>pelo</i>	LD34262	pOT2	2102	FBgn0011207	<i>PELO</i>	ENSG00000152684	Pstl: 5649 3780 408
P3249	<i>BCC</i>	LD34582	pOT2	1333	FBgn0051961	<i>TBCC</i>	ENSG00000124659	Pstl: 5649 2170 499 408 342
P3250	<i>TfIIIS</i>	LD34766	pOT2	1708	FBgn0010422	<i>TCEA2</i>	ENSG00000171703	Pstl: 5649 2198 1188 408
P3251	<i>lap2</i>	LD34777	pOT2	2095	FBgn0015247	<i>BIRC2</i>	ENSG00000110330	Pstl: 5649 1921 1852 408
P3252	<i>mdlc</i>	LD35003	pOT2	1403	FBgn0038772	<i>RNF113A</i>	ENSG00000125352	Pstl: 5649 3081 408
P3253	<i>CG31637</i>	LD35051	pOT2	2583	FBgn0051637	<i>CHST5</i>	ENSG00000135702	Pstl: 5649 2702 1559 408
P3254	<i>CG14232</i>	LD35087	pOT2	1779	FBgn0031061	<i>ACBD3</i>	ENSG00000182827	Pstl: 5649 2592 706 408 102 42 15
P3255	<i>sub</i>	LD35138	pOT2	2454	FBgn0003545	<i>KIF20B</i>	ENSG00000138182	Pstl: 5649 1753 909 876 594 408
P3256	<i>CG9609</i>	LD35155	pOT2	1574	FBgn0030787	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1691 958 603 408

P3257	CG4293	LD35174	pOT2	1710	FBgn0024983	ERGIC2	ENSG00000087502	Pstl: 5649 2629 714 408 45
P3258	CG2129	LD35215	pOT2	1956	FBgn0030008	ZNF563	ENSG00000188868	Pstl: 5649 3634 408
P3259	DMAP1	LD35228	pOT2	1568	FBgn0034537	DMAP1	ENSG00000178028	Pstl: 5649 3246 408
P3260	drl	LD35237	pOT2	2571	FBgn0015380	RYK	ENSG00000163785	Pstl: 5649 1945 1357 455 408 258 234
P3261	cbs	LD35238	pOT2	2206	FBgn0086757	GOLGA1	ENSG00000136935	Pstl: 5649 2816 570 498 408
P3262	CG1234	LD35257	pOT2	2575	FBgn0037489	NOC3L	ENSG00000173145	Pstl: 5649 1634 1404 1215 408
P3263	CG4709	LD35279	pOT2	1623	FBgn0032169	ZGPAT	ENSG00000197114	Pstl: 5649 1615 1278 408 318 90
P3264	Src42A	LD35329	pOT2	2588	FBgn0264959	BTK	ENSG00000010671	Pstl: 5649 4266 408
P3265	Adgf-A	LD35474	pOT2	2589	FBgn0036752	ADA2	ENSG00000093072	Pstl: 5649 1634 1323 805 505 408
P3266	Cog4	LD35507	pOT2	2626	FBgn0032258	COG4	ENSG00000103051	Pstl: 5649 2528 792 696 408 288
P3267	Arp3	LD35711	pOT2	1584	FBgn0262716	ACTR3	ENSG00000115091	Pstl: 5649 3262 408
P3268	Caper	LD35730	pOT2	2433	FBgn0031883	RBM23	ENSG00000100461	Pstl: 5649 2426 1685 408
P3269	CDC45L	LD35753	pOT2	2203	FBgn0026143	CDC45	ENSG00000093009	Pstl: 5649 2154 1018 446 408 153 110
P3270	Irp-1A	LD36161	pOT2	2853	FBgn0024958	ACO1	ENSG00000122729	Pstl: 5649 2650 1881 408
P3271	Hsp67Bb	LD36162	pOT2	1920	FBgn0001228	TSTD1	ENSG00000215845	Pstl: 5649 3598 408
P3272	bcd	LD36304	pOT2	2513	FBgn0000166	HHEX	ENSG00000152804	Pstl: 5649 3533 658 408
P3273	zda	LD36412	pOT2	1635	FBgn0034368	FKBP8	ENSG00000105701	Pstl: 5649 2204 674 435 408
P3274	CG17565	LD36454	pOT2	1588	FBgn0038424	CHURC1-FNTB	ENSG00000125954	Pstl: 5649 2067 681 518 408
P3275	CG8289	LD36501	pOT2	1769	FBgn0030854	ECI2	ENSG00000198721	Pstl: 5649 3447 408
P3276	Sap47	LD36546	pOT2	2816	FBgn0013334	SYAP1	ENSG00000169895	Pstl: 5649 4494 408
P3277	CG17985	LD36653	pOT2	1463	FBgn0033199	LYSMD3	ENSG00000176018	Pstl: 5649 3141 408
P3278	CG1275	LD36721	pOT2	1705	FBgn0035321	CYBRD1	ENSG00000071967	Pstl: 5649 2235 1148 408
P3279	CG4612	LD36772	pOT2	2063	FBgn0035016	PABPC1	ENSG00000070756	Pstl: 5649 2958 783 408
P3280	nct	LD36812	pOT2	2424	FBgn0039234	NCSTN	ENSG00000162736	Pstl: 5649 2176 1926 408
P3281	metl	LD36863	pOT2	1236	FBgn0035247	METTL8	ENSG00000123600	Pstl: 5649 1750 1164 408
P3282	CG16812	LD36945	pOT2	1719	FBgn0032488	C19orf47	ENSG00000160392	Pstl: 5649 3397 408
P3283	Syx18	LD37002	pOT2	1417	FBgn0039212	STX18	ENSG00000168818	Pstl: 5649 1920 870 408 245 60
P3284	AOX1	LD37006	pOT2	4225	FBgn0267408	AOX1	ENSG00000138356	Pstl: 5649 3009 1868 1026 408
P3285	Abi	LD37010	pOT2	2369	FBgn0020510	ABI1	ENSG00000136754	Pstl: 5649 4047 408
P3286	shtd	LD37115	pOT2	1799	FBgn0004391	ANAPC1	ENSG00000153107	Pstl: 5649 2482 770 408 225
P3287	pnut	LD37170	pOT2	2450	FBgn0013726	SEPT10	ENSG00000186522	Pstl: 5649 2371 1167 590 408
P3288	trc	LD37189	pOT2	2265	FBgn0003744	LATS2	ENSG00000150457	Pstl: 5649 2705 693 545 408
P3289	CG6144	LD37206	pOT2	1509	FBgn0032259	ALKBH6	ENSG00000239382	Pstl: 5649 2774 413 408
P3290	slif	LD37241	pOT2	2617	FBgn0037203	SLC7A14	ENSG00000013293	Pstl: 5649 2215 2080 408
P3291	CG18766	LD37276	pOT2	1656	FBgn0042111	MSANTD1	ENSG00000188981	Pstl: 5649 2026 1308 408
P3292	gkt	LD37277	pOT2	2206	FBgn0260817	TDP1	ENSG00000042088	Pstl: 5649 2254 757 450 423 408
P3293	Ufl1	LD37409	pOT2	2590	FBgn0037467	UFL1	ENSG00000014123	Pstl: 5649 1886 1763 408 348 123 78 70
P3294	atms	LD37523	pOT2	1771	FBgn0010750	PAF1	ENSG00000006712	Pstl: 5649 3069 408 380
P3295	CG4953	LD37668	pOT2	1728	FBgn0032204	TRAPPC13	ENSG00000113597	Pstl: 5649 3406 408
P3296	Atg14	LD37690	pOT2	1888	FBgn0039636	ATG14	ENSG00000126775	Pstl: 5649 2996 458 408 112
P3297	Zpr1	LD37736	pOT2	1823	FBgn0030096	ZPR1	ENSG00000109917	Pstl: 5649 3501 408
P3298	PIG-U	LD37974	pOT2	1477	FBgn0032052	PIGU	ENSG00000101464	Pstl: 5649 2583 572 408
P3299	phu	LD38109	pOT2	1866	FBgn0043791	ALPP	ENSG00000163283	Pstl: 5649 3313 408 231
P3300	CG8892	LD38226	pOT2	1726	FBgn0031664	UBXN7	ENSG00000163960	Pstl: 5649 2799 605 408
P3301	CG2921	LD38241	pOT2	1569	FBgn0034689	ARMT1	ENSG00000146476	Pstl: 5649 1825 1029 408 339 54
P3302	CG5112	LD38433	pOT2	1798	FBgn0039341	FAAH2	ENSG00000165591	Pstl: 5649 3476 408
P3303	CG5002	LD38576	pOT2	1995	FBgn0034275	SLC26A11	ENSG00000181045	Pstl: 5649 3673 408
P3304	CG4645	LD38670	pOT2	1369	FBgn0030435	YIPF2	ENSG00000130733	Pstl: 5649 2018 1029 408

P3305	<i>Atg18</i>	LD38705	pOT2	2113	FBgn0035850	<i>WIPI2</i>	ENSG00000157954	Pstl: 5649 3791 408
P3306	<i>Spt7</i>	LD38742	pOT2	1303	FBgn0030874	<i>SUPT7L</i>	ENSG00000119760	Pstl: 5649 1885 421 408 378 150 129 18
P3307	<i>CG8483</i>	LD39025	pOT2	1890	FBgn0038126	<i>PI15</i>	ENSG00000137558	Pstl: 5649 3568 408
P3308	<i>Hs6st</i>	LD39166	pOT2	2656	FBgn0038755	<i>HS6ST3</i>	ENSG00000185352	Pstl: 5649 1821 1575 938 408
P3309	<i>CG43345</i>	LD39232	pOT2	2224	FBgn0263050	<i>PLD3</i>	ENSG00000105223	Pstl: 5649 3902 408
P3310	<i>CG4502</i>	LD39243	pOT2	2073	FBgn0031896	<i>UBE2QL1</i>	ENSG00000215218	Pstl: 5649 2658 1093 408
P3311	<i>stck</i>	LD39308	pOT2	2713	FBgn0020249	<i>LIMS1</i>	ENSG00000169756	Pstl: 5649 3111 1280 408
P3312	<i>CG7544</i>	LD39460	pOT2	1528	FBgn0033994	<i>METTL16</i>	ENSG00000127804	Pstl: 5649 2213 993 408
P3313	<i>CG9723</i>	LD39612	pOT2	1715	FBgn0030768	<i>NEMP2</i>	ENSG00000189362	Pstl: 5649 2331 456 408 405 201
P3314	<i>Jhl-21</i>	LD39658	pOT2	2093	FBgn0028425	<i>SLC7A11</i>	ENSG00000151012	Pstl: 5649 3771 408
P3315	<i>CG2712</i>	LD39664	pOT2	1766	FBgn0024975	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3107 408 337
P3316	<i>CG9135</i>	LD39815	pOT2	1860	FBgn0031769	<i>RCC2</i>	ENSG00000179051	Pstl: 5649 3538 408
P3317	<i>CG3511</i>	LD39850	pOT2	2180	FBgn0035027	<i>PPWD1</i>	ENSG00000113593	Pstl: 5649 2181 1677 408
P3318	<i>EndoU</i>	LD39912	pOT2	1598	FBgn0038381	<i>ENDOU</i>	ENSG00000111405	Pstl: 5649 2463 813 408
P3319	<i>Ama</i>	LD39923	pOT2	1563	FBgn0000071	<i>OPCML</i>	ENSG00000183715	Pstl: 5649 2172 658 411 408
P3320	<i>Uxs</i>	LD39959	pOT2	2116	FBgn0035848	<i>UXS1</i>	ENSG00000115652	Pstl: 5649 3548 408 246
P3321	<i>mrva</i>	LD39967	pOT2	2353	FBgn0035763	<i>MFS1</i>	ENSG00000118855	Pstl: 5649 2063 906 732 408 330
P3322	<i>Rab10</i>	LD39986	pOT2	2349	FBgn0015789	<i>RAB8A</i>	ENSG00000167461	Pstl: 5649 4027 408
P3323	<i>CG12869</i>	LD40049	pOT2	2833	FBgn0033943	<i>CES2</i>	ENSG00000172831	Pstl: 5649 1813 1398 1300 408
P3324	<i>CG4586</i>	LD40103	pOT2	2235	FBgn0029924	<i>ACOX2</i>	ENSG00000168306	Pstl: 5649 3664 408 249
P3325	<i>Pli</i>	LD40134	pOT2	1863	FBgn0025574	<i>PELI3</i>	ENSG00000174516	Pstl: 5649 2190 1351 408
P3326	<i>Hacl</i>	LD40177	pOT2	1985	FBgn0034488	<i>HACL1</i>	ENSG00000131373	Pstl: 5649 1849 1814 408
P3327	<i>Npri2</i>	LD40282	pOT2	1685	FBgn0030800	<i>NPRL2</i>	ENSG00000114388	Pstl: 5649 2074 1289 408
P3328	<i>Ccdc56</i>	LD40326	pOT2	1574	FBgn0261353	<i>COA3</i>	ENSG00000183978	Pstl: 5649 2368 884 408
P3329	<i>NO66</i>	LD40453	pOT2	2233	FBgn0266570	<i>RIOX2</i>	ENSG00000170854	Pstl: 5649 2773 875 408 263
P3330	<i>Sam-S</i>	LD40460	pOT2	2085	FBgn0005278	<i>MAT2A</i>	ENSG00000168906	Pstl: 5649 3763 408
P3331	<i>CG7102</i>	LD40565	pOT2	2089	FBgn0031961	<i>SNRPE</i>	ENSG00000182004	Pstl: 5649 3149 618 408
P3332	<i>CG9839</i>	LD40589	pOT2	2114	FBgn0037633	<i>PGBD4</i>	ENSG00000182405	Pstl: 5649 2026 1766 408
P3333	<i>Papst2</i>	LD40702	pOT2	1552	FBgn0036695	<i>SLC35B3</i>	ENSG00000124786	Pstl: 5649 2618 612 408
P3334	<i>I(1)G0289</i>	LD40707	pOT2	2341	FBgn0028331	<i>RPL26</i>	ENSG00000161970	Pstl: 5649 1871 947 692 509 408
P3335	<i>CG2162</i>	LD40717	pOT2	2578	FBgn0035388	<i>R3HCC1L</i>	ENSG00000166024	Pstl: 5649 2836 725 662 408 33
P3336	<i>RluA-2</i>	LD40728	pOT2	2019	FBgn0032256	<i>RPUSD2</i>	ENSG00000166133	Pstl: 5649 3697 408
P3337	<i>PCID2</i>	LD40777	pOT2	1314	FBgn0036184	<i>PCID2</i>	ENSG00000126226	Pstl: 5649 1994 998 408
P3338	<i>Ssu72</i>	LD40846	pOT2	2207	FBgn0031054	<i>SSU72</i>	ENSG00000160075	Pstl: 5649 2849 1036 408
P3339	<i>CG3165</i>	LD40940	pOT2	1337	FBgn0031484	<i>TREX1</i>	ENSG00000213689	Pstl: 5649 3015 408
P3340	<i>Dsor1</i>	LD41207	pOT2	1365	FBgn0010269	<i>MAP2K6</i>	ENSG00000108984	Pstl: 5649 3043 408
P3341	<i>Smu1</i>	LD41216	pOT2	1732	FBgn0038666	<i>SMU1</i>	ENSG00000122692	Pstl: 5649 2223 611 576 408
P3342	<i>Gga</i>	LD41311	pOT2	2372	FBgn0030141	<i>GGA1</i>	ENSG00000100083	Pstl: 5649 3248 802 408
P3343	<i>Mkrn1</i>	LD41384	pOT2	2237	FBgn0029152	<i>MKRN1</i>	ENSG00000133606	Pstl: 5649 3915 408
P3345	<i>elf2B-epsilon</i>	LD41433	pOT2	2307	FBgn0023512	<i>EIF2B5</i>	ENSG00000145191	Pstl: 5649 2393 1044 408 327 221
P3346	<i>CG4332</i>	LD41462	pOT2	2278	FBgn0030456	<i>CLPTM1</i>	ENSG00000104853	Pstl: 5649 3107 849 408
P3347	<i>Pex3</i>	LD41491	pOT2	1567	FBgn0036484	<i>PEX3</i>	ENSG00000034693	Pstl: 5649 2798 447 408
P3348	<i>CG9911</i>	LD41494	pOT2	1496	FBgn0030734	<i>ERP44</i>	ENSG00000023318	Pstl: 5649 2601 573 408
P3349	<i>I(2)34Fd</i>	LD41558	pOT2	2314	FBgn0261535	<i>NOL10</i>	ENSG00000115761	Pstl: 5649 2134 1858 408
P3350	<i>RnrS</i>	LD41588	pOT2	1593	FBgn0011704	<i>RRM2</i>	ENSG00000171848	Pstl: 5649 3271 408
P3351	<i>Srp68</i>	LD41750	pOT2	2102	FBgn0035947	<i>SRP68</i>	ENSG00000167881	Pstl: 5649 2164 408 355 349 288 267 225 75 57
P3352	<i>mEFTs</i>	LD41866	pOT2	1518	FBgn0032646	<i>TSFM</i>	ENSG00000123297	Pstl: 5649 3196 408
P3353	<i>Wdfy2</i>	LD41958	pOT2	1638	FBgn0032246	<i>WDFY2</i>	ENSG00000139668	Pstl: 5649 2248 1068 408

P3354	CG11964	LD41978	pOT2	1872	FBgn0037644	CTNNBL1	ENSG00000132792	Pstl: 5649 1793 1009 459 408 223 66
P3355	CG3645	LD42056	pOT2	1716	FBgn0031238	DUS1L	ENSG00000169718	Pstl: 5649 2748 646 408
P3356	Tak1	LD42274	pOT2	3386	FBgn0026323	RAF1	ENSG00000132155	Pstl: 5649 2041 1455 605 507 408 342 114
P3357	Ggt-1	LD42301	pOT2	2254	FBgn0030932	GGTLC1	ENSG00000149435	Pstl: 5649 3932 408
P3358	dock	LD42588	pOT2	2813	FBgn0010583	NCK2	ENSG00000071051	Pstl: 5649 3331 1160 408
P3359	TH1	LD42626	pOT2	1957	FBgn0010416	NELFCD	ENSG00000101158	Pstl: 5649 2657 978 408
P3360	Aladin	LD42637	pOT2	1556	FBgn0030122	AAAS	ENSG00000094914	Pstl: 5649 1788 1227 408 219
P3361	clt	LD42723	pOT2	1860	FBgn0000326	CES2	ENSG00000172831	Pstl: 5649 2051 586 463 438 408
P3362	Taf5	LD42828	pOT2	2357	FBgn0010356	TAF5L	ENSG00000135801	Pstl: 5649 1936 1147 491 461 408
P3363	CG32564	LD43171	pOT2	1454	FBgn0052564	C1orf68	ENSG00000198854	Pstl: 5649 3132 408
P3364	yellow-b	LD43175	pOT2	1644	FBgn0032601	DPM3	ENSG00000179085	Pstl: 5649 3322 408
P3365	CG5262	LD43196	pOT2	1921	FBgn0036988	TMEM104	ENSG00000109066	Pstl: 5649 2592 515 492 408
P3366	Orc4	LD43280	pOT2	1578	FBgn0023181	ORC4	ENSG00000115947	Pstl: 5649 2063 1193 408
P3367	CG10165	LD43293	pOT2	1293	FBgn0032801	CYB561D2	ENSG00000114395	Pstl: 5649 2071 900 408
P3368	Phf7	LD43541	pOT2	2244	FBgn0031091	G2E3	ENSG00000092140	Pstl: 5649 3176 746 408
P3369	ergic53	LD43551	pOT2	2041	FBgn0035909	LMAN1L	ENSG00000140506	Pstl: 5649 3719 408
P3370	CSN1b	LD43563	pOT2	1792	FBgn0027057	GPS1	ENSG00000169727	Pstl: 5649 2352 1118 408
P3371	Mtch	LD43650	pOT2	1491	FBgn0027786	MTCH2	ENSG00000109919	Pstl: 5649 3169 408
P3372	CG1416	LD43819	pOT2	1594	FBgn0032961	AHSA2	ENSG00000173209	Pstl: 5649 2222 1050 408
P3373	CG4497	LD43863	pOT2	2581	FBgn0031895	FAM122B	ENSG00000156504	Pstl: 5649 3427 832 408
P3374	Tbp	LD44083	pOT2	1365	FBgn0003687	TBPL2	ENSG00000182521	Pstl: 5649 3043 408
P3375	Arfip	LD44124	pOT2	1999	FBgn0037884	ARFIP1	ENSG00000164144	Pstl: 5649 2681 996 408
P3376	DhpD	LD44207	pOT2	1529	FBgn0261436	GDA	ENSG00000119125	Pstl: 5649 2362 845 408
P3377	PIG-A	LD44262	pOT2	1632	FBgn0034270	PIGA	ENSG00000165195	Pstl: 5649 2166 751 408 393
P3378	TM9SF2	LD44273	pOT2	2574	FBgn0032880	TM9SF2	ENSG00000125304	Pstl: 5649 4252 408
P3379	CycA	LD44443	pOT2	2476	FBgn0000404	CCNA2	ENSG00000145386	Pstl: 5649 4154 408
P3380	Cyp310a1	LD44491	pOT2	1646	FBgn0032693	CYP4F3	ENSG00000186529	Pstl: 5649 2872 452 408
P3381	PGAP3	LD44494	pOT2	1251	FBgn0033088	PGAP3	ENSG00000161395	Pstl: 5649 2929 408
P3382	sut1	LD44652	pOT2	2419	FBgn0028563	SLC2A7	ENSG00000197241	Pstl: 5649 2280 1054 763 408
P3383	CG7530	LD44720	pOT2	2352	FBgn0038256	PAQR3	ENSG00000163291	Pstl: 5649 2590 912 435 408 93
P3384	Rab8	LD44762	pOT2	2048	FBgn0262518	RAB8A	ENSG00000167461	Pstl: 5649 2845 881 408
P3385	CG1635	LD44914	pOT2	1537	FBgn0039854	ACOT9	ENSG00000123130	Pstl: 5649 3215 408
P3386	CG8950	LD44919	pOT2	2730	FBgn0034186	GTF3C3	ENSG00000119041	Pstl: 5649 2444 1718 408 246
P3387	Sucb	LD44970	pOT2	1576	FBgn0029118	SUCLG2	ENSG00000172340	Pstl: 5649 3254 408
P3388	rswl	LD44982	pOT2	1427	FBgn0034351	TRMT10A	ENSG00000145331	Pstl: 5649 2682 423 408
P3389	Agpat1	LD44987	pOT2	1790	FBgn0030421	AGPAT2	ENSG00000169692	Pstl: 5649 3468 408
P3390	r-l	LD45235	pOT2	2037	FBgn0003257	UMPS	ENSG00000114491	Pstl: 5649 2414 1220 408 81
P3391	CG5961	LD45245	pOT2	1640	FBgn0038056	FBXO9	ENSG00000112146	Pstl: 5649 2764 458 408 96
P3392	CG5916	LD45246	pOT2	2115	FBgn0038401	TBC1D9	ENSG00000109436	Pstl: 5649 3011 782 408
P3393	Sec22	LD45288	pOT2	1744	FBgn0260855	SEC22A	ENSG00000121542	Pstl: 5649 2472 550 408 400
P3394	Golgin104	LD45682	pOT2	2524	FBgn0036614	CCDC186	ENSG00000165813	Pstl: 5649 2069 711 501 408 338 232 177 147 27
P3395	Stim	LD45776	pOT2	2257	FBgn0045073	STIM2	ENSG00000109689	Pstl: 5649 3935 408
P3396	REG	LD45860	pOT2	1381	FBgn0029133	PSME1	ENSG00000092010	Pstl: 5649 3059 408
P3397	l(1)G0144	LD45906	pOT2	2194	FBgn0027296	PTAR1	ENSG00000188647	Pstl: 5649 2471 900 408 366 135
P3398	Cct1	LD46058	pOT2	2518	FBgn0041342	PCYT1A	ENSG00000161217	Pstl: 5649 2239 1570 408 213 174
P3399	pit	LD46167	pOT2	2243	FBgn0266581	DDX18	ENSG00000088205	Pstl: 5649 1958 1834 408 129
P3400	Aef1	LD46228	pOT2	2588	FBgn0005694	ZNF563	ENSG00000188868	Pstl: 5649 2481 917 868 408
P3401	CG12942	LD46263	pOT2	2454	FBgn0033569	ATMIN	ENSG00000166454	Pstl: 5649 4132 408

P3402	<i>CG4617</i>	LD46272	pOT2	1689	FBgn0029936	<i>HMGXB4</i>	ENSG00000100281	Pstl: 5649 3367 408
P3403	<i>Synd</i>	LD46328	pOT2	2017	FBgn0053094	<i>PACIN1</i>	ENSG00000124507	Pstl: 5649 3695 408
P3404	<i>x16</i>	LD46359	pOT2	1689	FBgn0028554	<i>SRSF7</i>	ENSG00000115875	Pstl: 5649 3367 408
P3405	<i>SeID</i>	LD46437	pOT2	1524	FBgn0261270	<i>SEPHS2</i>	ENSG00000179918	Pstl: 5649 1935 772 457 408 38
P3406	<i>CG9890</i>	LD46465	pOT2	1484	FBgn0034814	<i>C2</i>	ENSG00000166278	Pstl: 5649 1894 643 625 408
P3407	<i>Hmg-2</i>	LD46483	pOT2	1349	FBgn0026582	<i>HMG20A</i>	ENSG00000140382	Pstl: 5649 2080 947 408
P3408	<i>FIG4</i>	LD46494	pOT2	2718	FBgn0031611	<i>FIG4</i>	ENSG00000112367	Pstl: 5649 3533 689 408 174
P3409	<i>qkr58E-3</i>	LD46502	pOT2	1419	FBgn0022984	<i>KHDRBS2</i>	ENSG00000112232	Pstl: 5649 3097 408
P3410	<i>HIP</i>	LD46530	pOT2	2091	FBgn0260484	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 3424 408 345
P3411	<i>GCS2beta</i>	LD46533	pOT2	2031	FBgn0032643	<i>PRKCSH</i>	ENSG00000130175	Pstl: 5649 2044 1665 408
P3412	<i>Cpr</i>	LD46590	pOT2	2734	FBgn0015623	<i>POR</i>	ENSG00000127948	Pstl: 5649 1844 1750 818 408
P3413	<i>CG7737</i>	LD46713	pOT2	2310	FBgn0033584	<i>SMOX</i>	ENSG00000088826	Pstl: 5649 3310 678 408
P3414	<i>tun</i>	LD46868	pOT2	2047	FBgn0034046	<i>WDYHV1</i>	ENSG00000156795	Pstl: 5649 3300 425 408
P3415	<i>CG4813</i>	LD46938	pOT2	1518	FBgn0039013	<i>RNF220</i>	ENSG00000187147	Pstl: 5649 2562 634 408
P3416	<i>GlyS</i>	LD46952	pOT2	3149	FBgn0266064	<i>GYS2</i>	ENSG00000111713	Pstl: 5649 2717 2110 408
P3417	<i>lru</i>	LD47007	pOT2	1571	FBgn0037653	<i>RNF126</i>	ENSG00000070423	Pstl: 5649 2368 881 408
P3418	<i>Arp6</i>	LD47054	pOT2	1321	FBgn0011741	<i>ACTR6</i>	ENSG00000075089	Pstl: 5649 2999 408
P3419	<i>Rpn7</i>	LD47143	pOT2	1369	FBgn0028688	<i>PSMD6</i>	ENSG00000163636	Pstl: 5649 1860 1187 408
P3420	<i>tpr</i>	LD47230	pOT2	1503	FBgn0034661	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 3181 408
P3421	<i>CG5966</i>	LD47264	pOT2	2620	FBgn0029831	<i>PNLIPRP1</i>	ENSG00000187021	Pstl: 5649 2594 600 575 489 408 40
P3422	<i>CG11367</i>	LD47277	pOT2	1820	FBgn0037185	<i>TMEM64</i>	ENSG00000180694	Pstl: 5649 3498 408
P3423	<i>FAM21</i>	LD47289	pOT2	1602	FBgn0034529	<i>WASHC2A</i>	ENSG00000099290	Pstl: 5649 2730 536 408 14
P3424	<i>CG9705</i>	LD47312	pOT2	1559	FBgn0036661	<i>CSDC2</i>	ENSG00000172346	Pstl: 5649 2471 766 408
P3425	<i>RabX1</i>	LD47384	pOT2	1624	FBgn0015372	<i>RAB6A</i>	ENSG00000175582	Pstl: 5649 1996 1306 408
P3426	<i>Tcp-1eta</i>	LD47396	pOT2	1958	FBgn0037632	<i>CCT7</i>	ENSG00000135624	Pstl: 5649 3015 621 408
P3427	<i>Mcm2</i>	LD47441	pOT2	2853	FBgn0014861	<i>MCM2</i>	ENSG00000073111	Pstl: 5649 4531 408
P3428	<i>Dbp45A</i>	LD47509	pOT2	1661	FBgn0010220	<i>DDX47</i>	ENSG00000213782	Pstl: 5649 1785 1554 408
P3429	<i>Elp2</i>	LD47515	pOT2	2526	FBgn0033540	<i>ELP2</i>	ENSG00000134759	Pstl: 5649 1668 751 700 596 440 408 49
P3430	<i>FKBP59</i>	LD47530	pOT2	1501	FBgn0029174	<i>FKBP6</i>	ENSG00000077800	Pstl: 5649 3179 408
P3431	<i>Gs1</i>	LD47536	pOT2	1715	FBgn0001142	<i>GLUL</i>	ENSG00000135821	Pstl: 5649 2911 482 408
P3432	<i>CG4572</i>	LD47549	pOT2	1830	FBgn0038738	<i>CTSA</i>	ENSG00000064601	Pstl: 5649 2168 1139 408 201
P3433	<i>CG1671</i>	LD47550	pOT2	2521	FBgn0033454	<i>TBL3</i>	ENSG00000183751	Pstl: 5649 1864 1104 589 408 354 288
P3434	<i>thoc6</i>	LD47568	pOT2	1521	FBgn0036263	<i>THOC6</i>	ENSG00000131652	Pstl: 5649 3199 408
P3435	<i>stg</i>	LD47579	pOT2	2745	FBgn0003525	<i>CDC25B</i>	ENSG00000101224	Pstl: 5649 2340 1045 1038 408
P3436	<i>SH3PX1</i>	LD47602	pOT2	2129	FBgn0040475	<i>SNX9</i>	ENSG00000130340	Pstl: 5649 1879 1154 774 408
P3437	<i>CG32486</i>	LD47625	pOT2	2347	FBgn0266918	<i>CYHR1</i>	ENSG00000187954	Pstl: 5649 4025 408
P3438	<i>CG9536</i>	LD47671	pOT2	1908	FBgn0031818	<i>TMEM115</i>	ENSG00000126062	Pstl: 5649 3586 408
P3439	<i>Fic</i>	LD47713	pOT2	1929	FBgn0263278	<i>FICD</i>	ENSG00000198855	Pstl: 5649 3607 408
P3440	<i>CG14710</i>	LD47721	pOT2	1468	FBgn0037920	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3146 408
P3441	<i>Sodh-2</i>	LD47736	pOT2	1380	FBgn0022359	<i>SORD</i>	ENSG00000140263	Pstl: 5649 2188 870 408
P3442	<i>CG3281</i>	LD47774	pOT2	1863	FBgn0260741	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3541 408
P3443	<i>PIG-B</i>	LD47795	pOT2	2245	FBgn0035464	<i>PIGB</i>	ENSG00000069943	Pstl: 5649 3923 408
P3444	<i>CG4069</i>	LD47970	pOT2	1712	FBgn0036301	<i>KLHDC4</i>	ENSG00000104731	Pstl: 5649 2716 674 408
P3445	<i>hyx</i>	LD47989	pOT2	2224	FBgn0037657	<i>CDC73</i>	ENSG00000134371	Pstl: 5649 2338 1525 408 39
P3446	<i>CG10444</i>	LD47995	pOT2	2811	FBgn0034494	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 4489 408
P3447	<i>NT5E-2</i>	LP01187	pOT2	2057	FBgn0050104	<i>NT5E</i>	ENSG00000135318	Pstl: 5649 2088 1647 408
P3448	<i>Tpc1</i>	LP01207	pOT2	1664	FBgn0037852	<i>SLC25A19</i>	ENSG00000125454	Pstl: 5649 2135 669 538 408
P3449	<i>CG10814</i>	LP01339	pOT2	1459	FBgn0033830	<i>TMLHE</i>	ENSG00000185973	Pstl: 5649 1926 1035 408 176

P3450	<i>CG8907</i>	LP01469	pOT2	2361	FBgn0038466	<i>EPS8L3</i>	ENSG00000198758	Pstl: 5649 2020 1059 960 408
P3451	<i>Tgt</i>	LP01967	pOT2	1561	FBgn0031321	<i>QTRT1</i>	ENSG00000213339	Pstl: 5649 2072 611 556 408
P3452	<i>tfc</i>	LP02252	pOT2	2108	FBgn0035199	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2385 1401 408
P3453	<i>Rim2</i>	LP02521	pOT2	1726	FBgn0031359	<i>SLC25A33</i>	ENSG00000171612	Pstl: 5649 2739 408 379 286
P3454	<i>CG17754</i>	LP02641	pOT2	2120	FBgn0030114	<i>KLHL4</i>	ENSG00000102271	Pstl: 5649 2779 677 408 342
P3455	<i>vanin-like</i>	LP03005	pOT2	1892	FBgn0040069	<i>VNN2</i>	ENSG00000112303	Pstl: 5649 3570 408
P3456	<i>Spn100A</i>	LP03106	pOT2	2047	FBgn0039795	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2098 732 606 408 289
P3457	<i>CG5326</i>	LP03255	pOT2	1684	FBgn0038983	<i>CBR4</i>	ENSG00000145439	Pstl: 5649 2284 1078 408
P3458	<i>sktl</i>	LP03320	pOT2	2980	FBgn0016984	<i>RSPH10B</i>	ENSG00000155026	Pstl: 5649 2835 990 758 408 75
P3459	<i>CG13397</i>	LP03571	pOT2	2759	FBgn0014417	<i>NAGLU</i>	ENSG00000108784	Pstl: 5649 2039 1678 408 369 192 159
P3460	<i>Spn88Eb</i>	LP04383	pOT2	1434	FBgn0038299	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 3112 408
P3461	<i>CG7430</i>	LP04889	pOT2	2041	FBgn0036762	<i>DLD</i>	ENSG00000091140	Pstl: 5649 3719 408
P3462	<i>CG12118</i>	LP04941	pOT2	1249	FBgn0030101	<i>MMADHC</i>	ENSG00000168288	Pstl: 5649 2641 408 286
P3463	<i>CG3702</i>	LP05054	pOT2	2359	FBgn0031590	<i>CLPTM1</i>	ENSG00000104853	Pstl: 5649 4037 408
P3464	<i>CG9701</i>	LP05116	pOT2	2004	FBgn0036659	<i>KLB</i>	ENSG00000134962	Pstl: 5649 3682 408
P3465	<i>CG7387</i>	LP05202	pOT2	1502	FBgn0035852	<i>DNAJA3</i>	ENSG00000103423	Pstl: 5649 2868 408 312
P3466	<i>CG10764</i>	LP05421	pOT2	1700	FBgn0034221	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2298 1080 408
P3467	<i>CNT2</i>	LP06581	pOT2	2108	FBgn0025709	<i>SLC28A3</i>	ENSG00000197506	Pstl: 5649 2542 1244 408
P3468	<i>CG5846</i>	LP07441	pOT2	1615	FBgn0032171	<i>ANKRA2</i>	ENSG00000164331	Pstl: 5649 3293 408
P3469	<i>Amyrel</i>	LP08070	pOT2	1570	FBgn0020506	<i>AMY1A</i>	ENSG00000237763	Pstl: 5649 2237 1011 408
P3470	<i>Traf-like</i>	LP08566	pOT2	2352	FBgn0030748	<i>TRAF2</i>	ENSG00000127191	Pstl: 5649 2682 736 612 408
P3471	<i>Srr</i>	LP08712	pOT2	1631	FBgn0037684	<i>SDS</i>	ENSG00000135094	Pstl: 5649 3309 408
P3472	<i>kermit</i>	LP09416	pOT2	2044	FBgn0010504	<i>GIPC3</i>	ENSG00000179855	Pstl: 5649 3722 408
P3473	<i>Tango9</i>	LP09696	pOT2	1595	FBgn0260744	<i>SLC35F6</i>	ENSG00000213699	Pstl: 5649 1813 1195 408 265
P3474	<i>Nc</i>	LP09975	pOT2	2069	FBgn0026404	<i>CASP6</i>	ENSG00000138794	Pstl: 5649 3747 408
P3475	<i>CG8564</i>	LP10047	pOT2	1671	FBgn0035776	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 2977 408 372
P3476	<i>mag</i>	LP10120	pOT2	1479	FBgn0036996	<i>LIPA</i>	ENSG00000107798	Pstl: 5649 2119 645 408 393
P3477	<i>Tmhs</i>	LP10272	pOT2	1471	FBgn0262624	<i>LHFPL4</i>	ENSG00000156959	Pstl: 5649 2126 1023 408
P3478	<i>CG5618</i>	LP10922	pOT2	1736	FBgn0036975	<i>CSAD</i>	ENSG00000139631	Pstl: 5649 2420 994 408
P3479	<i>vis</i>	SD01238	pOT2	2041	FBgn0033748	<i>TGIF2</i>	ENSG00000118707	Pstl: 5649 3719 408
P3480	<i>p115</i>	SD01505	pOT2	2774	FBgn0040087	<i>USO1</i>	ENSG00000138768	Pstl: 5649 2189 1155 721 408 387
P3481	<i>CG10026</i>	SD01558	pOT2	1654	FBgn0032785	<i>TTPA</i>	ENSG00000137561	Pstl: 5649 2112 1015 408 205
P3482	<i>CG8963</i>	SD01637	pOT2	2523	FBgn0034181	<i>PAIP1</i>	ENSG00000172239	Pstl: 5649 2441 1700 408 60
P3483	<i>CG18324</i>	SD01736	pOT2	1337	FBgn0033905	<i>SLC25A34</i>	ENSG00000162461	Pstl: 5649 2716 408 233 66
P3484	<i>CCT2</i>	SD02216	pOT2	2129	FBgn0030086	<i>CCT2</i>	ENSG00000166226	Pstl: 5649 3807 408
P3485	<i>nod</i>	SD02282	pOT2	2422	FBgn0002948	<i>KIF27</i>	ENSG00000165115	Pstl: 5649 3000 1100 408
P3486	<i>RhoGAP5A</i>	SD02309	pOT2	1876	FBgn0029778	<i>CHN2</i>	ENSG00000106069	Pstl: 5649 2031 882 408 353 288
P3487	<i>BHD</i>	SD02418	pOT2	1535	FBgn0261111	<i>FLCN</i>	ENSG00000154803	Pstl: 5649 2533 563 408 117
P3488	<i>NiPp1</i>	SD02428	pOT2	1326	FBgn0026402	<i>PPP1R8</i>	ENSG00000117751	Pstl: 5649 2522 482 408
P3489	<i>Dgkepsilon</i>	SD02536	pOT2	1918	FBgn0020930	<i>DGKQ</i>	ENSG00000145214	Pstl: 5649 1929 932 537 408 156 42
P3490	<i>Rpt2</i>	SD02658	pOT2	1493	FBgn0015282	<i>PSMC1</i>	ENSG00000100764	Pstl: 5649 3171 408
P3491	<i>CG13097</i>	SD02943	pOT2	2543	FBgn0032051	<i>MPHOSPH10</i>	ENSG00000124383	Pstl: 5649 2140 2081 408
P3492	<i>Rtc1</i>	SD02972	pOT2	1337	FBgn0020909	<i>RCL1</i>	ENSG00000120158	Pstl: 5649 3015 408
P3493	<i>Sply</i>	SD02978	pOT2	2043	FBgn0010591	<i>SGPL1</i>	ENSG00000166224	Pstl: 5649 2064 1657 408
P3494	<i>CG1074</i>	SD03208	pOT2	1661	FBgn0037250	<i>TRMT11</i>	ENSG00000066651	Pstl: 5649 3339 408
P3495	<i>Rabex-5</i>	SD03358	pOT2	2392	FBgn0262937	<i>GAPVD1</i>	ENSG00000165219	Pstl: 5649 1686 857 603 434 408 390 100
P3496	<i>CG30059</i>	SD03412	pOT2	1703	FBgn0260475	<i>GNS</i>	ENSG00000135677	Pstl: 5649 3381 408
P3497	<i>CG2017</i>	SD03629	pOT2	2285	FBgn0037391	<i>GTPBP2</i>	ENSG00000172432	Pstl: 5649 3229 734 408

P3498	<i>CG12004</i>	SD03655	pOT2	2280	FBgn0035236	<i>TMEM184B</i>	ENSG00000198792	Pstl: 5649 2822 677 411 408 48
P3499	<i>beta-PheRS</i>	SD03863	pOT2	1964	FBgn0039175	<i>FARSB</i>	ENSG00000116120	Pstl: 5649 2960 682 408
P3500	<i>CG10376</i>	SD03870	pOT2	2487	FBgn0032702	<i>PPM1F</i>	ENSG00000100034	Pstl: 5649 2987 644 534 408
P3501	<i>CG11807</i>	SD03973	pOT2	1941	FBgn0033996	<i>NISCH</i>	ENSG00000010322	Pstl: 5649 3619 408
P3502	<i>Rop</i>	SD04216	pOT2	2231	FBgn0004574	<i>STXBP3</i>	ENSG00000116266	Pstl: 5649 2810 1099 408
P3503	<i>tra2</i>	SD04329	pOT2	1373	FBgn0003742	<i>SRSF8</i>	ENSG00000263465	Pstl: 5649 1636 1415 408
P3504	<i>Tfb1</i>	SD04652	pOT2	2021	FBgn0033929	<i>GTF2H1</i>	ENSG00000110768	Pstl: 5649 3699 408
P3505	<i>lic</i>	SD04985	pOT2	1957	FBgn0261524	<i>MAP2K6</i>	ENSG00000108984	Pstl: 5649 2231 1335 408 69
P3506	<i>128up</i>	SD05004	pOT2	1321	FBgn0010339	<i>DRG1</i>	ENSG00000185721	Pstl: 5649 1885 1114 408
P3507	<i>AP-2mu</i>	SD05403	pOT2	2046	FBgn0263351	<i>AP1M1</i>	ENSG00000072958	Pstl: 5649 3724 408
P3508	<i>Pstk</i>	SD05444	pOT2	1582	FBgn0031041	<i>PSTK</i>	ENSG00000179988	Pstl: 5649 2090 1170 408
P3509	<i>PH4alphaEFB</i>	SD05564	pOT2	2246	FBgn0039776	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 2175 900 808 408 41
P3510	<i>CG5721</i>	SD05591	pOT2	1602	FBgn0034315	<i>ARMC6</i>	ENSG00000105676	Pstl: 5649 2519 572 408 189
P3511	<i>Plap</i>	SD05646	pOT2	2578	FBgn0024314	<i>PLAA</i>	ENSG00000137055	Pstl: 5649 4256 408
P3512	<i>alpha-Man-Ib</i>	SD05769	pOT2	3211	FBgn0039634	<i>MAN1C1</i>	ENSG00000117643	Pstl: 5649 4889 408
P3513	<i>CG12016</i>	SD05789	pOT2	2330	FBgn0035436	<i>NMRK1</i>	ENSG00000106733	Pstl: 5649 4008 408
P3514	<i>Rtca</i>	SD05956	pOT2	2088	FBgn0025630	<i>RTCA</i>	ENSG00000137996	Pstl: 5649 3766 408
P3515	<i>CG4199</i>	SD06560	pOT2	2491	FBgn0025628	<i>AIFM3</i>	ENSG00000183773	Pstl: 5649 2808 743 618 408
P3516	<i>vig2</i>	SD06613	pOT2	1687	FBgn0046214	<i>SERBP1</i>	ENSG00000142864	Pstl: 5649 3365 408
P3517	<i>CG17597</i>	SD06839	pOT2	1375	FBgn0032715	<i>SCP2</i>	ENSG00000116171	Pstl: 5649 1693 862 498 408
P3518	<i>cathD</i>	SD07085	pOT2	1381	FBgn0029093	<i>REN</i>	ENSG00000143839	Pstl: 5649 2677 408 198 184
P3519	<i>VhaSFD</i>	SD07421	pOT2	2157	FBgn0027779	<i>ATP6V1H</i>	ENSG00000047249	Pstl: 5649 2999 408 347 231 192 66
P3520	<i>PNUTS</i>	SD07532	pOT2	2641	FBgn0053526	<i>PRR3</i>	ENSG00000204576	Pstl: 5649 2543 1776 408
P3521	<i>Nup44A</i>	SD07614	pOT2	2433	FBgn0033247	<i>SEH1L</i>	ENSG00000085415	Pstl: 5649 4111 408
P3522	<i>cpb</i>	SD07714	pOT2	1620	FBgn0011570	<i>CAPZB</i>	ENSG00000077549	Pstl: 5649 2425 873 408
P3523	<i>Hmt-1</i>	SD08058	pOT2	3008	FBgn0038376	<i>ABCB7</i>	ENSG00000131269	Pstl: 5649 2027 1608 1051 408
P3524	<i>nxf2</i>	SD08161	pOT2	2863	FBgn0036640	<i>NXF2</i>	ENSG00000269405	Pstl: 5649 2171 2013 408 357
P3525	<i>Bgb</i>	SD08175	pOT2	1271	FBgn0013753	<i>CBFB</i>	ENSG00000067955	Pstl: 5649 2232 408 368 349
P3526	<i>tth</i>	SD08423	pOT2	2946	FBgn0030502	<i>DPF1</i>	ENSG00000011332	Pstl: 5649 4624 408
P3527	<i>CG7943</i>	SD08549	pOT2	1633	FBgn0039741	<i>SLC25A52</i>	ENSG00000141437	Pstl: 5649 2206 1105 408
P3528	<i>DnaJ-1</i>	SD08787	pOT2	1853	FBgn0263106	<i>DNAJB4</i>	ENSG00000162616	Pstl: 5649 2138 1228 408 165
P3529	<i>CG1907</i>	SD09259	pOT2	1672	FBgn0039674	<i>SLC25A27</i>	ENSG00000153291	Pstl: 5649 3112 408 238
P3530	<i>sgl</i>	SD09476	pOT2	2276	FBgn0261445	<i>UGDH</i>	ENSG00000109814	Pstl: 5649 2267 1132 555 408
P3531	<i>Adck1</i>	SD09850	pOT2	1731	FBgn0035039	<i>ADCK1</i>	ENSG00000063761	Pstl: 5649 3409 408
P3532	<i>CROT</i>	SD09912	pOT2	2993	FBgn0039543	<i>CPT1C</i>	ENSG00000169169	Pstl: 5649 4063 608 408
P3533	<i>CG5902</i>	SD10002	pOT2	1950	FBgn0039136	<i>AMMECR1</i>	ENSG00000101935	Pstl: 5649 2305 1179 408 144
P3534	<i>Cyp9c1</i>	SD10018	pOT2	1751	FBgn0015040	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3429 408
P3535	<i>MED17</i>	SD10038	pOT2	2063	FBgn0038578	<i>MED17</i>	ENSG00000042429	Pstl: 5649 2814 927 408
P3536	<i>Ns2</i>	SD10213	pOT2	2253	FBgn0034243	<i>GNL3</i>	ENSG00000163938	Pstl: 5649 3931 408
P3537	<i>Akt1</i>	SD10374	pOT2	2445	FBgn0010379	<i>AKT3</i>	ENSG00000117020	Pstl: 5649 4123 408
P3538	<i>Spred</i>	SD10629	pOT2	2636	FBgn0020767	<i>SPRED1</i>	ENSG00000166068	Pstl: 5649 2576 1717 408 21
P3539	<i>Flo-1</i>	SD10657	pOT2	1821	FBgn0024754	<i>FLOT2</i>	ENSG00000132589	Pstl: 5649 3144 408 355
P3540	<i>CG5274</i>	SD10847	pOT2	1396	FBgn0036987	<i>C7orf26</i>	ENSG00000146576	Pstl: 5649 1954 1120 408
P3541	<i>SCOT</i>	GH01464	pOT2	1775	FBgn0035298	<i>GIPC3</i>	ENSG00000179855	Pstl: 5649 2211 1242 408
P3542	<i>TMS1</i>	GH01515	pOT2	1733	FBgn0028399	<i>SERINC3</i>	ENSG00000132824	Pstl: 5649 2348 639 408 302 122
P3543	<i>CG42748</i>	GH01875	pOT2	6880	FBgn0261802	<i>HLA-DQA2</i>	ENSG00000237541	Pstl: 5649 5126 2067 1365 408
P3544	<i>hopo</i>	GH03577	pOT2	1539	FBgn0034314	<i>TRAIIP</i>	ENSG00000183763	Pstl: 5649 2769 448 408
P3545	<i>CG8785</i>	GH04538	pOT2	2094	FBgn0033760	<i>SLC36A1</i>	ENSG00000123643	Pstl: 5649 2241 1531 408

P3546	<i>CG11060</i>	GH04548	pOT2	2258	FBgn0033149	<i>MYCBPAP</i>	ENSG00000136449	Pstl: 5649 3003 501 414 408 18
P3547	<i>sut4</i>	GH07001	pOT2	1640	FBgn0028560	<i>ACRV1</i>	ENSG00000134940	Pstl: 5649 3318 408
P3548	<i>CG7227</i>	GH07959	pOT2	2130	FBgn0031970	<i>SCARB2</i>	ENSG00000138760	Pstl: 5649 2419 1389 408
P3549	<i>Lcch3</i>	GH08705	pOT2	2729	FBgn0010240	<i>GABRR3</i>	ENSG00000183185	Pstl: 5649 2392 2015 408
P3550	<i>gb</i>	GH08870	pOT2	2432	FBgn0039487	<i>SLC7A11</i>	ENSG00000151012	Pstl: 5649 3424 408 357 329
P3551	<i>CG11334</i>	GH08894	pOT2	1455	FBgn0039849	<i>MRI1</i>	ENSG00000037757	Pstl: 5649 2828 408 305
P3552	<i>CG32066</i>	GH09096	pOT2	2217	FBgn0052066	<i>FAM49A</i>	ENSG00000197872	Pstl: 5649 2449 1446 408
P3553	<i>Mst98Ca</i>	GH09231	pOT2	1309	FBgn0002865	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2987 408
P3554	<i>TBPH</i>	GH09868	pOT2	1945	FBgn0025790	<i>TARDBP</i>	ENSG00000120948	Pstl: 5649 2007 1463 408 153
P3555	<i>CG31388</i>	GH10523	pOT2	1515	FBgn0051388	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2814 408 379
P3556	<i>Vps39</i>	GH10703	pOT2	2898	FBgn0038593	<i>VPS39</i>	ENSG00000166887	Pstl: 5649 2763 1627 408 186
P3557	<i>CG3544</i>	GH10780	pOT2	1820	FBgn0031279	<i>XYLB</i>	ENSG00000093217	Pstl: 5649 1894 921 683 408
P3558	<i>sip3</i>	GH11117	pOT2	2282	FBgn0039875	<i>SYVN1</i>	ENSG00000162298	Pstl: 5649 1644 1548 434 408 177 147 10
P3559	<i>Gcn5</i>	GH11602	pOT2	2766	FBgn0020388	<i>KAT2B</i>	ENSG00000114166	Pstl: 5649 2722 1722 408
P3560	<i>CG7149</i>	GH11618	pOT2	2477	FBgn0031948	<i>SELENOI</i>	ENSG00000138018	Pstl: 5649 1823 1782 550 408
P3561	<i>Argk</i>	GH11670	pOT2	2235	FBgn0000116	<i>CKB</i>	ENSG00000166165	Pstl: 5649 2094 1486 408 333
P3562	<i>POLDIP2</i>	GH11824	pOT2	1570	FBgn0037329	<i>POLDIP2</i>	ENSG00000004142	Pstl: 5649 1825 764 408 393 266
P3563	<i>CG3860</i>	GH12064	pOT2	2102	FBgn0034951	<i>OSBPL7</i>	ENSG00000006025	Pstl: 5649 2182 869 729 408
P3564	<i>metro</i>	GH12103	pOT2	2660	FBgn0050021	<i>MPP6</i>	ENSG00000105926	Pstl: 5649 2877 852 408 359 235 15
P3565	<i>CG31233</i>	GH12469	pOT2	3078	FBgn0051233	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2373 1771 441 408 171
P3566	<i>loopin-1</i>	GH12543	pOT2	2005	FBgn0259795	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 2899 784 408
P3567	<i>CG32026</i>	GH12815	pOT2	2401	FBgn0052026	<i>IDH3A</i>	ENSG00000166411	Pstl: 5649 4079 408
P3568	<i>Cyp6w1</i>	GH13192	pOT2	1652	FBgn0033065	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2571 759 408
P3569	<i>BORCS7</i>	GH13245	pOT2	1635	FBgn0034519	<i>BORCS7</i>	ENSG00000166275	Pstl: 5649 2149 472 443 408 228 21
P3570	<i>Thiolase</i>	GH13256	pOT2	1576	FBgn0025352	<i>ACAA2</i>	ENSG00000167315	Pstl: 5649 3254 408
P3571	<i>CG7131</i>	GH14048	pOT2	2059	FBgn0038598	<i>SAXO1</i>	ENSG00000155875	Pstl: 5649 3737 408
P3572	<i>CG8043</i>	GH14121	pOT2	1265	FBgn0037610	<i>IBA57</i>	ENSG00000181873	Pstl: 5649 2485 458 408
P3573	<i>Ddc</i>	GH14812	pOT2	2786	FBgn0000422	<i>DDC</i>	ENSG00000132437	Pstl: 5649 4464 408
P3574	<i>AdenoK</i>	GH14845	pOT2	1587	FBgn0036337	<i>ADK</i>	ENSG00000156110	Pstl: 5649 2827 438 408
P3575	<i>CG9389</i>	GH15479	pOT2	2012	FBgn0037064	<i>IMPA2</i>	ENSG00000141401	Pstl: 5649 1870 1820 408
P3576	<i>Faa</i>	GH16063	pOT2	1433	FBgn0016013	<i>FAH</i>	ENSG00000103876	Pstl: 5649 1893 792 426 408
P3577	<i>Gba1a</i>	GH16191	pOT2	1785	FBgn0051148	<i>GBA</i>	ENSG00000177628	Pstl: 5649 3463 408
P3578	<i>Cyp4g15</i>	GH16320	pOT2	2500	FBgn0030304	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2019 1856 408 303
P3579	<i>Pfrx</i>	GH17337	pOT2	3398	FBgn0027621	<i>PFKFB4</i>	ENSG00000114268	Pstl: 5649 3297 1779 408
P3580	<i>yellow-f2</i>	GH17451	pOT2	1481	FBgn0038105	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 1988 1171 408
P3581	<i>Hayan</i>	GH17483	pOT2	1505	FBgn0030925	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2054 1129 408
P3582	<i>CG4945</i>	GH19382	pOT2	2140	FBgn0034137	<i>SBK3</i>	ENSG00000231274	Pstl: 5649 2003 1815 408
P3583	<i>CG9581</i>	GH19483	pOT2	1900	FBgn0031093	<i>XPNPEP3</i>	ENSG00000196236	Pstl: 5649 1714 1453 411 408
P3584	<i>CG2854</i>	GH19593	pOT2	1641	FBgn0040391	<i>TCAIM</i>	ENSG00000179152	Pstl: 5649 2029 1290 408
P3585	<i>CG30291</i>	GH19637	pOT2	1647	FBgn0050291	<i>CDK5RAP3</i>	ENSG00000108465	Pstl: 5649 1667 1188 408 248 135 87
P3586	<i>CG15208</i>	GH19655	pOT2	1387	FBgn0030247	<i>C21orf2</i>	ENSG00000160226	Pstl: 5649 2270 795 408
P3587	<i>CG6656</i>	GH19849	pOT2	1546	FBgn0038912	<i>ACP4</i>	ENSG00000142513	Pstl: 5649 2365 408 293 290 276
P3588	<i>Cpes</i>	GH20310	pOT2	1531	FBgn0025335	<i>DHX35</i>	ENSG00000101452	Pstl: 5649 2940 408 269
P3589	<i>Vha68-1</i>	GH21132	pOT2	2610	FBgn0265262	<i>ATP6V1A</i>	ENSG00000114573	Pstl: 5649 2224 1689 408 375
P3590	<i>CG32369</i>	GH21463	pOT2	2452	FBgn0052369	<i>LONRF1</i>	ENSG00000154359	Pstl: 5649 1982 1122 849 408 177
P3591	<i>Spn42Da</i>	GH21896	pOT2	2154	FBgn0265137	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 3832 408
P3592	<i>CG7365</i>	GH22081	pOT2	1672	FBgn0036939	<i>PLB1</i>	ENSG00000163803	Pstl: 5649 3350 408
P3593	<i>Cyp28d1</i>	GH22460	pOT2	1616	FBgn0031689	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3294 408

P3594	<i>trpm</i>	GH22805	pOT2	4887	FBgn0265194	<i>TRPM1</i>	ENSG00000134160	Pstl: 5649 5027 1538 408
P3595	<i>CG14655</i>	GH23506	pOT2	2184	FBgn0037275	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1975 1413 474 408
P3596	<i>MFS9</i>	GH23975	pOT2	1841	FBgn0038799	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 1781 1291 447 408
P3597	<i>CG13671</i>	GH24192	pOT2	2669	FBgn0035867	<i>TXNDC11</i>	ENSG00000153066	Pstl: 5649 2250 1855 408 242
P3598	<i>Lnpk</i>	GH24644	pOT2	1435	FBgn0033309	<i>LNPBK</i>	ENSG00000144320	Pstl: 5649 1742 1063 408 308
P3599	<i>CG5404</i>	GH25012	pOT2	2761	FBgn0038354	<i>SLC26A11</i>	ENSG00000181045	Pstl: 5649 2504 1935 408
P3600	<i>betaggt-II</i>	GH25366	pOT2	1415	FBgn0028970	<i>RABGGTB</i>	ENSG00000137955	Pstl: 5649 1995 417 408 354 327
P3601	<i>CG4239</i>	GH25683	pOT2	1718	FBgn0030745	<i>TMEM38A</i>	ENSG00000072954	Pstl: 5649 1922 1474 408
P3602	<i>CG7011</i>	GH25868	pOT2	1330	FBgn0036489	<i>ERGIC3</i>	ENSG00000125991	Pstl: 5649 3008 408
P3603	<i>SdhAL</i>	GH25972	pOT2	2166	FBgn0036222	<i>SDHA</i>	ENSG00000073578	Pstl: 5649 1959 1885 408
P3604	<i>CG14969</i>	GH26007	pOT2	1654	FBgn0035440	<i>OSTM1</i>	ENSG00000081087	Pstl: 5649 2309 1023 408
P3605	<i>CG5989</i>	GH26459	pOT2	1566	FBgn0017429	<i>LETMD1</i>	ENSG00000050426	Pstl: 5649 2157 682 408 405
P3606	<i>Tsp</i>	GH27479	pOT2	2112	FBgn0031850	<i>THBS2</i>	ENSG00000186340	Pstl: 5649 2709 910 408 171
P3607	<i>DOR</i>	GH28550	pOT2	2068	FBgn0035542	<i>TP53INP2</i>	ENSG00000078804	Pstl: 5649 2928 818 408
P3608	<i>Mnt</i>	GH28809	pOT2	2350	FBgn0023215	<i>PPT2</i>	ENSG00000221988	Pstl: 5649 2372 1656 408
P3609	<i>sesB</i>	GM12886	pOT2	1635	FBgn0003360	<i>SLC25A31</i>	ENSG00000151475	Pstl: 5649 2959 408 354
P3610	<i>bic</i>	GM13744	pOT2	1476	FBgn0000181	<i>BTF3</i>	ENSG00000145741	Pstl: 5649 2822 408 332
P3612	<i>Tango10</i>	HL07962	pOT2	3023	FBgn0030330	<i>BTBD17</i>	ENSG00000204347	Pstl: 5649 3164 964 408 318 255
P3613	<i>CG1461</i>	HL07974	pOT2	1969	FBgn0030558	<i>TAT</i>	ENSG00000198650	Pstl: 5649 3008 639 408
P3614	<i>Hn</i>	HL08079	pOT2	1529	FBgn0001208	<i>TH</i>	ENSG00000180176	Pstl: 5649 3207 408
P3615	<i>yip2</i>	HL08109	pOT2	1385	FBgn0040064	<i>ACAA2</i>	ENSG00000167315	Pstl: 5649 3063 408
P3616	<i>CG4452</i>	LD21662	pOT2	1623	FBgn0035981	<i>FAM76B</i>	ENSG00000077458	Pstl: 5649 1876 1425 408
P3617	<i>RpL4</i>	LD21756	pOT2	1386	FBgn0003279	<i>RPL4</i>	ENSG00000174444	Pstl: 5649 3064 408
P3618	<i>CG6015</i>	LD21931	pOT2	2025	FBgn0038927	<i>CDC40</i>	ENSG00000168438	Pstl: 5649 2895 808 408
P3619	<i>Acox57D-d</i>	LD22081	pOT2	2279	FBgn0034629	<i>ACOX2</i>	ENSG00000168306	Pstl: 5649 3436 408 318 203
P3620	<i>Eip55E</i>	LD22255	pOT2	1313	FBgn0000566	<i>MVK</i>	ENSG00000110921	Pstl: 5649 2134 857 408
P3621	<i>Ndf</i>	LD22344	pOT2	2123	FBgn0043456	<i>GLYR1</i>	ENSG00000140632	Pstl: 5649 2261 1540 408
P3622	<i>CG6903</i>	LD22376	pOT2	2104	FBgn0029737	<i>HGSNAT</i>	ENSG00000165102	Pstl: 5649 2482 745 555 408
P3623	<i>Tsf2</i>	LD22449	pOT2	2874	FBgn0036299	<i>MELTF</i>	ENSG00000163975	Pstl: 5649 3645 907 408
P3624	<i>CG7154</i>	LD22651	pOT2	2833	FBgn0031947	<i>BRD9</i>	ENSG00000028310	Pstl: 5649 4511 408
P3625	<i>CG2818</i>	LD22655	pOT2	2774	FBgn0031566	<i>GPCPD1</i>	ENSG00000125772	Pstl: 5649 2661 1791 408
P3626	<i>Rbpn-5</i>	LD23155	pOT2	2311	FBgn0034585	<i>RABEP1</i>	ENSG00000029725	Pstl: 5649 2407 684 408 375 298 117 66 42
P3627	<i>Got1</i>	LD23191	pOT2	1674	FBgn0001124	<i>GOT2</i>	ENSG00000125166	Pstl: 5649 3352 408
P3628	<i>Sin1</i>	LD23656	pOT2	2014	FBgn0033935	<i>MAPKAP1</i>	ENSG00000119487	Pstl: 5649 2672 1020 408
P3630	<i>Dp</i>	LD24245	pOT2	2495	FBgn0011763	<i>TFDP2</i>	ENSG00000114126	Pstl: 5649 2492 965 716 408
P3631	<i>Nup50</i>	LD27030	pOT2	1940	FBgn0033264	<i>NUP50</i>	ENSG00000093000	Pstl: 5649 2063 661 457 437 408
P3632	<i>CG4364</i>	LD27336	pOT2	2141	FBgn0032138	<i>PES1</i>	ENSG00000100029	Pstl: 5649 1714 1684 408 271 150
P3633	<i>CG8531</i>	LD27406	pOT2	2000	FBgn0033918	<i>DNAJC11</i>	ENSG00000007923	Pstl: 5649 1929 1411 408 338
P3634	<i>CG9986</i>	LD27564	pOT2	2138	FBgn0039589	<i>C12orf4</i>	ENSG00000047621	Pstl: 5649 2762 665 408 389
P3635	<i>Syx13</i>	LD27581	pOT2	1476	FBgn0036341	<i>STX7</i>	ENSG00000079950	Pstl: 5649 2388 450 408 163 60 57 36
P3636	<i>CG8229</i>	LD27667	pOT2	1940	FBgn0033356	<i>USPL1</i>	ENSG00000132952	Pstl: 5649 1634 709 510 474 408 291
P3637	<i>CG9213</i>	LD28117	pOT2	2341	FBgn0030655	<i>CWF19L2</i>	ENSG00000152404	Pstl: 5649 2310 1461 408 248
P3638	<i>CG31365</i>	LD28458	pOT2	2307	FBgn0051365	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2138 1847 408
P3639	<i>cN-IIIIB</i>	LD28544	pOT2	1505	FBgn0034988	<i>NT5C3B</i>	ENSG00000141698	Pstl: 5649 2654 529 408
P3640	<i>Fit2</i>	LD28629	pOT2	2772	FBgn0036688	<i>FERMT1</i>	ENSG00000101311	Pstl: 5649 2401 1116 933 408
P3641	<i>CG32756</i>	LD29716	pOT2	1920	FBgn0052756	<i>NHEJ1</i>	ENSG00000187736	Pstl: 5649 3598 408
P3642	<i>CG3407</i>	LD31554	pOT2	2413	FBgn0031573	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 4091 408
P3643	<i>tgo</i>	LD32037	pOT2	2631	FBgn0264075	<i>ARNTL2</i>	ENSG00000029153	Pstl: 5649 2125 1059 670 455 408

P3644	<i>CG6418</i>	LD32732	pOT2	2700	FBgn0036104	<i>DDX42</i>	ENSG00000198231	Pstl: 5649 2695 1257 426 408
P3645	<i>gammaTub37C</i>	LD32755	pOT2	1516	FBgn0010097	<i>TUBG1</i>	ENSG00000131462	Pstl: 5649 1982 1095 408 117
P3646	<i>nop5</i>	LD32943	pOT2	1810	FBgn0026196	<i>NOP58</i>	ENSG00000055044	Pstl: 5649 3488 408
P3647	<i>Ndc80</i>	LD33040	pOT2	2133	FBgn0030500	<i>FAM9A</i>	ENSG00000183304	Pstl: 5649 2800 1011 408
P3648	<i>Mys45A</i>	LD33051	pOT2	2390	FBgn0033379	<i>SDAD1</i>	ENSG00000198301	Pstl: 5649 2608 701 429 408 330
P3649	<i>CG31650</i>	LD34388	pOT2	1494	FBgn0031673	<i>CALU</i>	ENSG00000128595	Pstl: 5649 3172 408
P3650	<i>CG31849</i>	LD34806	pOT2	2189	FBgn0051849	<i>MGAT3</i>	ENSG00000128268	Pstl: 5649 2153 933 408 245 243 135 125 33
P3651	<i>Naus</i>	LD34893	pOT2	2848	FBgn0034308	<i>CTTNBP2NL</i>	ENSG00000143079	Pstl: 5649 2610 748 703 408 384 81
P3652	<i>CG8003</i>	LD35289	pOT2	1363	FBgn0036096	<i>ANKMY2</i>	ENSG00000106524	Pstl: 5649 1816 1225 408
P3653	<i>CG5439</i>	LD35592	pOT2	1825	FBgn0032476	<i>SNX29</i>	ENSG00000048471	Pstl: 5649 1812 1691 408
P3654	<i>Atg6</i>	LD35669	pOT2	1746	FBgn0264325	<i>BECN1</i>	ENSG00000126581	Pstl: 5649 2846 408 329 249
P3655	<i>CG8187</i>	LD35843	pOT2	1681	FBgn0034027	<i>FAM185A</i>	ENSG00000222011	Pstl: 5649 3359 408
P3656	<i>Jheh3</i>	LD35885	pOT2	1574	FBgn0034406	<i>EPHX1</i>	ENSG00000143819	Pstl: 5649 2791 461 408
P3657	<i>cdm</i>	LD35896	pOT2	3258	FBgn0261532	<i>IPO13</i>	ENSG00000117408	Pstl: 5649 2470 1376 622 468 408
P3658	<i>CG2258</i>	LD35927	pOT2	3531	FBgn0029997	<i>NCKIPSD</i>	ENSG00000213672	Pstl: 5649 3011 2198 408
P3659	<i>CG6961</i>	LD35981	pOT2	1852	FBgn0030959	<i>POLDIP3</i>	ENSG00000100227	Pstl: 5649 3530 408
P3660	<i>ras</i>	LD36080	pOT2	2520	FBgn0003204	<i>IMPDPH2</i>	ENSG00000178035	Pstl: 5649 2059 1334 540 408 265
P3661	<i>Fit1</i>	LD36089	pOT2	3072	FBgn0035498	<i>FERMT1</i>	ENSG00000101311	Pstl: 5649 1997 972 836 441 408 387 117
P3662	<i>Cul-2</i>	LD36177	pOT2	2817	FBgn0032956	<i>CUL2</i>	ENSG00000108094	Pstl: 5649 2641 1299 555 408
P3663	<i>gig</i>	LD36178	pOT2	5789	FBgn0005198	<i>TSC2</i>	ENSG00000103197	Pstl: 5649 2179 1065 972 900 863 768 516 408 162 42
P3664	<i>sug</i>	LD36528	pOT2	1342	FBgn0033782	<i>AAAS</i>	ENSG00000094914	Pstl: 5649 2469 551 408
P3665	<i>CAH3</i>	LD36568	pOT2	1994	FBgn0030056	<i>CA5B</i>	ENSG00000169239	Pstl: 5649 2380 1292 408
P3666	<i>CG8032</i>	LD37279	pOT2	2150	FBgn0037606	<i>SMOX</i>	ENSG00000088826	Pstl: 5649 2147 1064 449 408 168
P3667	<i>twf</i>	LD37470	pOT2	1375	FBgn0038206	<i>TWF2</i>	ENSG00000247596	Pstl: 5649 3053 408
P3668	<i>yps</i>	LD37574	pOT2	1774	FBgn0022959	<i>YBX1</i>	ENSG00000065978	Pstl: 5649 2242 660 550 408
P3669	<i>Hakai</i>	LD37921	pOT2	1768	FBgn0032812	<i>CBLL1</i>	ENSG00000105879	Pstl: 5649 2445 590 411 408
P3670	<i>CG7288</i>	LD38070	pOT2	1700	FBgn0030969	<i>USP39</i>	ENSG00000168883	Supplemental Table S1.
P3671	<i>CG3797</i>	LD38128	pOT2	2787	FBgn0036842	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 4465 408
P3672	<i>RN-tre</i>	LD38355	pOT2	2700	FBgn0020620	<i>TBC1D26</i>	ENSG00000214946	Pstl: 5649 2473 1017 809 408 79
P3673	<i>CG15445</i>	LD38858	pOT2	2303	FBgn0031161	<i>NUB1</i>	ENSG00000013374	Pstl: 5649 1667 671 658 459 435 408 91
P3674	<i>CG11851</i>	LD40966	pOT2	2327	FBgn0039293	<i>ALG9</i>	ENSG00000086848	Pstl: 5649 3405 600 408
P3675	<i>mRpS29</i>	LD41023	pOT2	1413	FBgn0034727	<i>DAP3</i>	ENSG00000132676	Pstl: 5649 2854 408 237
P3676	<i>MED19</i>	LD41395	pOT2	1763	FBgn0036761	<i>MED19</i>	ENSG00000156603	Pstl: 5649 2711 730 408
P3677	<i>CG3016</i>	LD41827	pOT2	2314	FBgn0029819	<i>USP30</i>	ENSG00000135093	Supplemental Table S1.
P3678	<i>Arc1</i>	LD41905	pOT2	2361	FBgn0033926	<i>OARD1</i>	ENSG00000124596	Pstl: 5649 3131 908 408
P3679	<i>pigeon</i>	LD41907	pOT2	3196	FBgn0010309	<i>GSAP</i>	ENSG00000186088	Pstl: 5649 2326 1363 985 408 200
P3680	<i>Ndc1</i>	LD42327	pOT2	1992	FBgn0039125	<i>NDC1</i>	ENSG00000058804	Pstl: 5649 2005 1665 408
P3681	<i>CG5599</i>	LD43554	pOT2	1848	FBgn0030612	<i>DBT</i>	ENSG00000137992	Pstl: 5649 2491 1035 408
P3682	<i>CG10435</i>	LD44032	pOT2	1775	FBgn0037539	<i>UBAP1L</i>	ENSG00000246922	Pstl: 5649 2075 1378 408
P3683	<i>CG8223</i>	LD44305	pOT2	1997	FBgn0037624	<i>NASP</i>	ENSG00000132780	Pstl: 5649 3675 408
P3684	<i>CG5745</i>	LD44506	pOT2	1833	FBgn0038855	<i>SNW1</i>	ENSG00000100603	Pstl: 5649 3511 408
P3685	<i>mio</i>	LD45056	pOT2	2918	FBgn0031399	<i>MIOS</i>	ENSG00000164654	Pstl: 5649 2383 838 609 483 408 283
P3686	<i>CG3605</i>	LD45152	pOT2	2442	FBgn0031493	<i>SF3B2</i>	ENSG00000087365	Pstl: 5649 2784 1336 408
P3687	<i>CG1575</i>	LD45266	pOT2	2097	FBgn0029999	<i>TEX10</i>	ENSG00000136891	Pstl: 5649 1835 1038 408 406 297 199
P3688	<i>Ice2</i>	LD45317	pOT2	2448	FBgn0038860	<i>ICE2</i>	ENSG00000128915	Pstl: 5649 2642 1238 408 246
P3689	<i>Naa30A</i>	LD45352	pOT2	2358	FBgn0024362	<i>NAA50</i>	ENSG00000121579	Pstl: 5649 4036 408
P3690	<i>dwg</i>	LD45751	pOT2	1994	FBgn0000520	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3203 408 340 129
P3691	<i>Nsun2</i>	LD45754	pOT2	2451	FBgn0026079	<i>NSUN2</i>	ENSG00000037474	Pstl: 5649 1799 858 711 408 397 364

P3692	<i>CG18135</i>	LD45843	pOT2	3013	FBgn0036837	<i>GPCPD1</i>	ENSG00000125772	Pstl: 5649 3633 902 408 156
P3693	<i>snRNP-U1-70K</i>	LD46049	pOT2	1849	FBgn0016978	<i>SNRNP35</i>	ENSG00000184209	Pstl: 5649 3527 408
P3694	<i>sea</i>	LD46175	pOT2	1355	FBgn0037912	<i>SLC25A1</i>	ENSG00000100075	Pstl: 5649 2593 440 408
P3695	<i>CG9246</i>	LD46269	pOT2	2425	FBgn0032925	<i>NOC2L</i>	ENSG00000188976	Pstl: 5649 2470 913 720 408
P3696	<i>CG14641</i>	LD46870	pOT2	1590	FBgn0037220	<i>RBM22</i>	ENSG00000086589	Pstl: 5649 2652 616 408
P3697	<i>CG12237</i>	LP01149	pOT2	1669	FBgn0031048	<i>PHOSPHO2</i>	ENSG00000144362	Pstl: 5649 2054 942 408 351
P3698	<i>sturkopf</i>	LP01162	pOT2	1484	FBgn0035206	<i>LDAH</i>	ENSG00000118961	Pstl: 5649 2302 513 408 347
P3699	<i>CG12104</i>	LP01188	pOT2	1248	FBgn0035238	<i>TOX4</i>	ENSG00000092203	Pstl: 5649 1945 981 408
P3700	<i>tw</i>	LP01681	pOT2	2644	FBgn0086368	<i>POMT1</i>	ENSG00000130714	Pstl: 5649 2159 1648 408 308 207
P3701	<i>CG5068</i>	LP02515	pOT2	1601	FBgn0035951	<i>PPME1</i>	ENSG00000214517	Pstl: 5649 3279 408
P3702	<i>CG10062</i>	LP03135	pOT2	2740	FBgn0034439	<i>ERMP1</i>	ENSG00000099219	Pstl: 5649 2067 1575 567 408 209
P3703	<i>alpha-Est3</i>	LP07235	pOT2	1724	FBgn0015571	<i>CES2</i>	ENSG00000172831	Pstl: 5649 1741 1661 408
P3704	<i>CG5447</i>	LP11520	pOT2	1439	FBgn0039427	<i>GOLGA7B</i>	ENSG00000155265	Pstl: 5649 2076 689 408 352
P3705	<i>CG4914</i>	LP11612	pOT2	1663	FBgn0036436	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2007 877 457 408
P3706	<i>CG33128</i>	LP12231	pOT2	1384	FBgn0053128	<i>REN</i>	ENSG00000143839	Pstl: 5649 3062 408
P3707	<i>CG42638</i>	SD02261	pOT2	3085	FBgn0261361	<i>MCOLN1</i>	ENSG00000090674	Pstl: 5649 2585 1120 533 525 408
P3708	<i>CG14767</i>	SD02746	pOT2	2131	FBgn0040777	<i>LAPTM4A</i>	ENSG00000068697	Pstl: 5649 2995 600 408 214
P3709	<i>Mef2</i>	SD04091	pOT2	2309	FBgn0011656	<i>MEF2D</i>	ENSG00000116604	Pstl: 5649 2319 1668 408
P3710	<i>Mec2</i>	SD05291	pOT2	1276	FBgn0030993	<i>STOM</i>	ENSG00000148175	Pstl: 5649 2954 408
P3711	<i>rho-4</i>	SD06923	pOT2	2389	FBgn0030318	<i>RHBDL2</i>	ENSG00000158315	Pstl: 5649 4067 408
P3712	<i>Rpt1</i>	SD07148	pOT2	1518	FBgn0028687	<i>PSMC2</i>	ENSG00000161057	Pstl: 5649 1600 1071 525 408
P3713	<i>puc</i>	SD08157	pOT2	2903	FBgn0243512	<i>DUSP14</i>	ENSG00000276023	Pstl: 5649 2775 1143 663 408
P3714	<i>PHGPx</i>	SD10928	pOT2	2239	FBgn0035438	<i>GPX7</i>	ENSG00000116157	Pstl: 5649 3917 408
P3715	<i>barc</i>	LD27763	pOT2	2247	FBgn0037081	<i>HTATSF1</i>	ENSG00000102241	Pstl: 5649 2754 1171 408
P3716	<i>vlc</i>	LD44824	pOT2	2530	FBgn0259978	<i>DLGAP3</i>	ENSG00000116544	Pstl: 5649 3170 624 414 408
P3717	<i>MESK2</i>	GH02495	pOT2	2666	FBgn0043070	<i>NDRG1</i>	ENSG00000104419	Pstl: 5649 4344 408
P3718	<i>ninaB</i>	GH03958	pOT2	2178	FBgn0002937	<i>BCO1</i>	ENSG00000135697	Pstl: 5649 3856 408
P3719	<i>CG11811</i>	GH06691	pOT2	1981	FBgn0036099	<i>LRGUK</i>	ENSG00000155530	Pstl: 5649 3659 408
P3720	<i>Atg18b</i>	GH07816	pOT2	2075	FBgn0032935	<i>WIPI2</i>	ENSG00000157954	Pstl: 5649 3753 408
P3721	<i>hmw</i>	GH08407	pOT2	2059	FBgn0038607	<i>CFAP97</i>	ENSG00000164323	Pstl: 5649 3737 408
P3722	<i>CG42376</i>	GH09380	pOT2	2463	FBgn0259722	<i>COA6</i>	ENSG00000168275	Pstl: 5649 2602 1539 408
P3723	<i>crc</i>	GH11210	pOT2	2250	FBgn0000370	<i>CREB3L1</i>	ENSG00000157613	Pstl: 5649 2102 1500 408 326
P3724	<i>CG7470</i>	GH12632	pOT2	2903	FBgn0037146	<i>ALDH18A1</i>	ENSG00000059573	Pstl: 5649 2950 1631 408
P3725	<i>CG2736</i>	GH15894	pOT2	1807	FBgn0035090	<i>SCARB2</i>	ENSG00000138760	Pstl: 5649 3485 408
P3726	<i>gol</i>	GH20973	pOT2	2586	FBgn0004919	<i>RNF128</i>	ENSG00000133135	Pstl: 5649 3987 408 277
P3727	<i>CtBP</i>	GH20987	pOT2	1767	FBgn0020496	<i>CTBP2</i>	ENSG00000175029	Pstl: 5649 2107 1338 408
P3728	<i>Hyccin</i>	GH21176	pOT2	2319	FBgn0034269	<i>FAM126A</i>	ENSG00000122591	Pstl: 5649 2268 1104 562 408 63
P3729	<i>Qsox2</i>	GH22889	pOT2	1807	FBgn0038919	<i>QSOX2</i>	ENSG00000165661	Pstl: 5649 2400 592 493 408
P3730	<i>NimB4</i>	GH23407	pOT2	1519	FBgn0028542	<i>TNC</i>	ENSG00000041982	Pstl: 5649 2891 408 306
P3731	<i>NaPi-III</i>	GH23727	pOT2	3056	FBgn0260795	<i>SLC20A1</i>	ENSG00000144136	Pstl: 5649 2813 1921 408
P3732	<i>CG31343</i>	GH24371	pOT2	3030	FBgn0051343	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 4708 408
P3733	<i>inaC</i>	GH24781	pOT2	2357	FBgn0004784	<i>PRKCA</i>	ENSG00000154229	Pstl: 5649 4035 408
P3734	<i>Rh5</i>	GH28578	pOT2	1411	FBgn0014019	<i>OPN3</i>	ENSG00000054277	Pstl: 5649 3089 408
P3735	<i>swa</i>	LD21771	pOT2	2095	FBgn0003655	<i>NRBF2</i>	ENSG00000148572	Pstl: 5649 2819 912 408 42
P3736	<i>Picot</i>	LD22509	pOT2	2748	FBgn0024315	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 2229 1173 1024 408
P3737	<i>Ugt36E1</i>	LD25345	pOT2	1920	FBgn0027070	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 3598 408
P3739	<i>TRAM</i>	LD27659	pOT2	2123	FBgn0040340	<i>TRAM1L1</i>	ENSG00000174599	Pstl: 5649 2031 1677 408 93
P3740	<i>Ckl1alpha</i>	LD27706	pOT2	1527	FBgn0264492	<i>CSNK2A3</i>	ENSG00000254598	Pstl: 5649 3205 408

P3741	CG17746	LD28127	pOT2	1601	FBgn0035425	PPM1N	ENSG00000213889	Pstl: 5649 2624 655 408
P3742	Mau2	LD29184	pOT2	2127	FBgn0038300	MAU2	ENSG00000129933	Pstl: 5649 2839 549 417 408
P3743	CG6293	LD30822	pOT2	2196	FBgn0037807	SLC23A2	ENSG00000089057	Pstl: 5649 3874 408
P3744	CG3430	LD32660	pOT2	1988	FBgn0031875	MCMBP	ENSG00000197771	Pstl: 5649 1943 967 741 408 15
P3745	asun	LD33046	pOT2	2542	FBgn0020407	INTS13	ENSG00000064102	Pstl: 5649 3003 900 408 317
P3746	Atg5	LD34980	pOT2	1432	FBgn0029943	ATG5	ENSG00000057663	Pstl: 5649 3110 408
P3747	lace	LD36009	pOT2	2589	FBgn0002524	SPTLC2	ENSG00000100596	Pstl: 5649 3306 769 408 192
P3748	Pgm	LD36183	pOT2	1854	FBgn0003076	CKB	ENSG00000166165	Pstl: 5649 2874 658 408
P3749	Gint3	LD37137	pOT2	2413	FBgn0034372	UBXN6	ENSG00000167671	Pstl: 5649 3183 908 408
P3750	CG4942	LD38503	pOT2	1351	FBgn0035960	COX18	ENSG00000163626	Pstl: 5649 3029 408
P3751	CG2260	LD41718	pOT2	2016	FBgn0030000	WDR46	ENSG00000227057	Pstl: 5649 1921 1773 408
P3752	Prat	LD42113	pOT2	2127	FBgn0004901	PPAT	ENSG00000128059	Pstl: 5649 2190 789 472 408 223 131
P3753	CG3071	LD43561	pOT2	1965	FBgn0023527	UTP15	ENSG00000164338	Pstl: 5649 3033 610 408
P3754	xit	LD44072	pOT2	1624	FBgn0029906	MMP19	ENSG00000123342	Pstl: 5649 3302 408
P3755	CG31223	LD44220	pOT2	1257	FBgn0051223	ZNHIT2	ENSG00000174276	Pstl: 5649 1771 1033 408 75 41 15
P3756	ArfGAP3	LD46935	pOT2	2354	FBgn0037182	ARFGAP3	ENSG00000242247	Pstl: 5649 3003 553 476 408
P3757	CG32075	LD47413	pOT2	1979	FBgn0052075	LAS1L	ENSG00000001497	Pstl: 5649 3657 408
P3758	CG8399	LD47639	pOT2	2363	FBgn0034067	FRRS1	ENSG00000156869	Pstl: 5649 4041 408
P3759	Herp	LD48048	pOT2	2384	FBgn0031950	HERPUD1	ENSG00000051108	Pstl: 5649 2546 1516 408
P3760	veil	LP01562	pOT2	2082	FBgn0034225	NT5E	ENSG00000135318	Pstl: 5649 2133 1627 408
P3761	CG15818	LP02603	pOT2	1372	FBgn0031910	COLEC11	ENSG00000118004	Pstl: 5649 2411 408 321 318
P3762	Srlp	LP03547	pOT2	1426	FBgn0038049	ECHDC3	ENSG00000134463	Pstl: 5649 1900 1204 408
P3763	b	LP11089	pOT2	2108	FBgn0000153	CSAD	ENSG00000139631	Pstl: 5649 1799 1759 408 228
P3764	CG9328	SD01241	pOT2	1660	FBgn0032886	FAM107A	ENSG00000168309	Pstl: 5649 3338 408
P3765	Cpsf5	SD03330	pOT2	2256	FBgn0035987	NUDT21	ENSG00000167005	Pstl: 5649 1829 1416 689 408
P3766	esc	SD03549	pOT2	1744	FBgn0000588	EED	ENSG00000074266	Pstl: 5649 3422 408
P3767	Swip-1	SD04693	pOT2	1634	FBgn0032731	EFHD1	ENSG00000115468	Pstl: 5649 2545 767 408
P3768	Ddx1	SD05527	pOT2	2497	FBgn0015075	DDX1	ENSG00000079785	Pstl: 5649 2737 1438 408
P3769	CG14642	SD06787	pOT2	1389	FBgn0037222	KLK9	ENSG00000213022	Pstl: 5649 3067 408
P3770	MFS18	SD06977	pOT2	1888	FBgn0025684	SLC17A4	ENSG00000146039	Pstl: 5649 3566 408
P3771	Spp	SD07518	pOT2	1771	FBgn0031260	HM13	ENSG00000101294	Pstl: 5649 1984 1465 408
P3772	Ndfip	SD09769	pOT2	2107	FBgn0052177	NDFIP1	ENSG00000131507	Pstl: 5649 3785 408
P3773	myo	LD29161	pOT2	3068	FBgn0026199	GDF11	ENSG00000135414	Pstl: 5649 2148 1333 938 408 327
P3774	par-6	LD29223	pOT2	2550	FBgn0026192	PARD6B	ENSG00000124171	Pstl: 5649 4228 408
P3775	Rbsn-5	LD29542	pOT2	1840	FBgn0261064	RBSN	ENSG00000131381	Pstl: 5649 3518 408
P3776	Cul6	LD29662	pOT2	2210	FBgn0036332	CUL5	ENSG00000166266	Pstl: 5649 2250 1065 573 408
P3777	Srp54	LD29830	pOT2	2095	FBgn0024285	SREK1	ENSG00000153914	Pstl: 5649 3773 408
P3779	Cht5	LP08894	pOT2	2130	FBgn0038180	OVGP1	ENSG00000085465	Pstl: 5649 2013 1795 408
P3780	CG9886	LP09309	pOT2	2066	FBgn0031428	GLYCTK	ENSG00000168237	Pstl: 5649 3744 408
P3781	Dhx15	GM13272	pOT2	2523	FBgn0033160	DHX15	ENSG00000109606	Pstl: 5649 2616 1585 408
P3782	cdc2c	LD22351	pOT2	1117	FBgn0004107	CDK16	ENSG00000102225	Pstl: 5649 1765 1030 408
P3783	CG3107	LD22374	pOT2	3192	FBgn0033005	PITRM1	ENSG00000107959	Pstl: 5649 4870 408
P3784	CalpA	LD22862	pOT2	2794	FBgn0012051	CAPNS2	ENSG00000256812	Pstl: 5649 4472 408
P3785	sud1	LD22945	pOT2	1823	FBgn0265189	OGFOD1	ENSG00000087263	Pstl: 5649 2011 742 671 408 77
P3786	Gp93	LD23641	pOT2	2839	FBgn0039562	HSP90AA1	ENSG00000080824	Pstl: 5649 2899 1618 408
P3787	Acn	LD23757	pOT2	2495	FBgn0263198	ACIN1	ENSG00000100813	Pstl: 5649 2472 1218 483 408
P3788	Tsc1	LD23779	pOT2	3856	FBgn0026317	TSC1	ENSG00000165699	Pstl: 5649 1883 952 840 558 543 408 298 129 120 105 42 40 24
P3790	eca	LD23959	pOT2	924	FBgn0069242	TMED10	ENSG00000170348	Pstl: 5649 1959 643 408

P3791	<i>RpS2</i>	LD24077	pOT2	915	FBgn0004867	<i>RPS2</i>	ENSG00000140988	Pstl: 5649 2593 408
P3792	<i>mof</i>	LD24203	pOT2	2997	FBgn0014340	<i>KAT5</i>	ENSG00000172977	Pstl: 5649 2042 1825 660 408 148
P3793	<i>Acon</i>	LD24561	pOT2	2751	FBgn0010100	<i>ACO2</i>	ENSG00000100412	Pstl: 5649 2437 1992 408
P3794	<i>CG3542</i>	LD24714	pOT2	2888	FBgn0031492	<i>PRPF40B</i>	ENSG00000110844	Pstl: 5649 3875 691 408
P3795	<i>l(1)G0007</i>	LD24737	pOT2	3887	FBgn0026713	<i>DHX15</i>	ENSG00000109606	Pstl: 5649 2768 2417 408 380
P3796	<i>GlcT-1</i>	LD24788	pOT2	3357	FBgn0067102	<i>UGCG</i>	ENSG00000148154	Pstl: 5649 3799 660 576 408
P3797	<i>Tep3</i>	GH05679	pOT2	4913	FBgn0041181	<i>CD109</i>	ENSG00000156535	Pstl: 6591 5649 408
P3798	<i>CG18749</i>	GH05783	pOT2	3420	FBgn0042182	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 5098 408
P3799	<i>CG9313</i>	GH05829	pOT2	2644	FBgn0034566	<i>WDR34</i>	ENSG00000119333	Pstl: 5649 3238 1084 408
P3800	<i>CG31475</i>	GH10101	pOT2	2691	FBgn0051475	<i>SDF4</i>	ENSG00000078808	Pstl: 5649 2766 1203 408 400
P3801	<i>Amy-p</i>	GH10266	pOT2	1600	FBgn0000079	<i>AMY1A</i>	ENSG00000237763	Pstl: 5649 1793 1011 408 287 187
P3802	<i>CG10077</i>	GH10652	pOT2	3499	FBgn0035720	<i>DDX42</i>	ENSG00000198231	Pstl: 5649 2670 2507 408
P3803	<i>CG1486</i>	GH01474	pOT2	3392	FBgn0031174	<i>PDXDC1</i>	ENSG00000179889	Pstl: 5649 2802 1011 879 408 378
P3804	<i>Epac</i>	GH01501	pOT2	4045	FBgn0085421	<i>RAPGEF4</i>	ENSG00000091428	Pstl: 5649 2567 1935 486 408 316 257 162
P3805	<i>LManV</i>	GH02475	pOT2	3059	FBgn0032068	<i>MAN2B1</i>	ENSG00000104774	Pstl: 5649 2278 928 876 655 408
P3806	<i>ChT</i>	GH02984	pOT2	3255	FBgn0038641	<i>SLC5A7</i>	ENSG00000115665	Pstl: 5649 2115 1852 966 408
P3807	<i>phl</i>	GH03557	pOT2	3213	FBgn0003079	<i>RAF1</i>	ENSG00000132155	Pstl: 5649 2067 1815 829 408 180
P3808	<i>eya</i>	GH05272	pOT2	3297	FBgn0000320	<i>EYA1</i>	ENSG00000104313	Pstl: 5649 3700 1026 408 249
P3809	<i>ref(2)P</i>	GH06306	pOT2	3627	FBgn0003231	<i>SQSTM1</i>	ENSG00000161011	Pstl: 5649 2726 1305 1274 408
P3810	<i>CG1582</i>	GH07148	pOT2	3962	FBgn0030246	<i>DHX57</i>	ENSG00000163214	Pstl: 5649 4399 1241 408
P3811	<i>l(2)08717</i>	GH07529	pOT2	3021	FBgn0010651	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 2979 954 766 408
P3813	<i>for</i>	GH10421	pOT2	4271	FBgn0000721	<i>PRKG2</i>	ENSG00000138669	Pstl: 5649 2198 1559 881 408 354 276 201 185 124 105 66
P3814	<i>Grik</i>	GH10694	pOT2	3620	FBgn0038840	<i>GRIN3B</i>	ENSG00000116032	Pstl: 5649 4497 801 408
P3815	<i>CG2918</i>	GH11566	pOT2	3139	FBgn0023529	<i>HYOU1</i>	ENSG00000149428	Pstl: 5649 4817 408
P3816	<i>Rhau</i>	GH12763	pOT2	2967	FBgn0032883	<i>DHX57</i>	ENSG00000163214	Pstl: 5649 2285 1401 569 408 390
P3817	<i>Indy-2</i>	GH13033	pOT2	4085	FBgn0260466	<i>SLC13A4</i>	ENSG00000164707	Pstl: 5649 2647 2039 1077 408
P3818	<i>Treh</i>	GH13461	pOT2	2787	FBgn0003748	<i>TREH</i>	ENSG00000118094	Pstl: 5649 4465 408
P3819	<i>CTCF</i>	GH14774	pOT2	2895	FBgn0035769	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1880 1400 534 448 408 311
P3820	<i>side-VII</i>	GH14967	pOT2	3566	FBgn0037736	<i>PSG1</i>	ENSG00000231924	Pstl: 5649 5244 408
P3821	<i>Lpin</i>	GH19076	pOT2	3988	FBgn0263593	<i>LPIN3</i>	ENSG00000132793	Pstl: 5666 5649 408
P3823	<i>Unc-89</i>	GH20492	pOT2	3974	FBgn0053519	<i>HMCN2</i>	ENSG00000148357	Pstl: 5649 2669 2410 573 408
P3824	<i>Hr46</i>	GH21112	pOT2	3998	FBgn0000448	<i>RORB</i>	ENSG00000198963	Pstl: 5649 4174 1502 408
P3825	<i>CG5270</i>	GH21817	pOT2	3394	FBgn0037897	<i>ZFYVE26</i>	ENSG00000072121	Pstl: 5649 2736 2072 408 162 54 48
P3827	<i>msl-2</i>	GH22488	pOT2	3715	FBgn0005616	<i>MSL2</i>	ENSG00000174579	Pstl: 5649 1860 1855 1054 618 408 6
P3828	<i>beat-1c</i>	GH22661	pOT2	3404	FBgn0028644	<i>CADM2</i>	ENSG00000175161	Pstl: 5649 2618 1117 714 408 326 292 15
P3829	<i>Cog1</i>	GH23636	pOT2	2898	FBgn0037998	<i>COG1</i>	ENSG00000166685	Pstl: 5649 2064 1344 529 408 348 291
P3830	<i>Moca-cyp</i>	GH23813	pOT2	3726	FBgn0039581	<i>PPIAL4A</i>	ENSG00000263353	Pstl: 5649 4100 696 422 408 186
P3831	<i>lat</i>	GH28787	pOT2	3276	FBgn0005654	<i>ORC3</i>	ENSG00000135336	Pstl: 5649 1829 1331 684 408 363 264 243 195 45
P3832	<i>blw</i>	HL08087	pOT2	3412	FBgn0011211	<i>ATP5A1</i>	ENSG00000152234	Pstl: 5649 2611 2479 408
P3833	<i>Bsg25D</i>	LD21844	pOT2	4593	FBgn0000228	<i>NIN</i>	ENSG00000100503	Pstl: 5649 2803 1428 1347 468 408 108 90 27
P3834	<i>Pdk1</i>	LD22131	pOT2	3979	FBgn0020386	<i>PDPK1</i>	ENSG00000140992	Pstl: 5649 2564 1419 946 408 369 352 7
P3835	<i>CycE</i>	LD22682	pOT2	3514	FBgn0010382	<i>CCNE2</i>	ENSG00000175305	Pstl: 5649 2667 1229 541 408 381 374
P3836	<i>CG6923</i>	LD22771	pOT2	4531	FBgn0037944	<i>RNF111</i>	ENSG00000157450	Pstl: 5649 2507 1191 1038 721 577 408 175
P3837	<i>CG32512</i>	LD23009	pOT2	2225	FBgn0052512	<i>TMEM205</i>	ENSG00000105518	Pstl: 5649 2177 847 492 408 207 180
P3838	<i>tst</i>	LD23303	pOT2	3793	FBgn0039117	<i>SKIV2L</i>	ENSG00000204351	Pstl: 5649 1851 1759 1213 408 381 267
P3839	<i>ALiX</i>	LD25543	pOT2	3010	FBgn0086346	<i>PDCD6IP</i>	ENSG00000170248	Pstl: 5649 2298 1212 767 408 171 171 69
P3840	<i>Galphas</i>	LD26182	pOT2	1654	FBgn0001123	<i>GNAZ</i>	ENSG00000128266	Pstl: 5649 3126 408 206
P3841	<i>CG1646</i>	LD26426	pOT2	3554	FBgn0039600	<i>LCE3E</i>	ENSG00000185966	Pstl: 5649 2084 1917 814 408 234 183

P3842	<i>CG10274</i>	LD26701	pOT2	3062	FBgn0035690	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3662 1078 408
P3843	<i>mTerf3</i>	LD27042	pOT2	1117	FBgn0037008	<i>MTERF3</i>	ENSG00000156469	Pstl: 5649 2160 434 408 201
P3844	<i>Tbc1d15-17</i>	LD27216	pOT2	2930	FBgn0031233	<i>TBC1D15</i>	ENSG00000121749	Pstl: 5649 2430 2178 408
P3845	<i>Men</i>	LD27718	pOT2	3032	FBgn0002719	<i>ME3</i>	ENSG00000151376	Pstl: 5649 3752 958 408
P3846	<i>CG4849</i>	LD28793	pOT2	3119	FBgn0039566	<i>EEF2</i>	ENSG00000167658	Pstl: 5649 3232 818 713 408 34
P3847	<i>dikar</i>	LD29048	pOT2	3013	FBgn0261934	<i>CECR2</i>	ENSG00000099954	Pstl: 5649 3091 1600 408
P3848	<i>Klp10A</i>	LD29208	pOT2	3516	FBgn0030268	<i>KIF2C</i>	ENSG00000142945	Pstl: 5649 2638 2556 408
P3849	<i>CG9636</i>	LD29354	pOT2	2807	FBgn0037556	<i>CUEDC2</i>	ENSG00000107874	Pstl: 5649 3078 1407 408
P3850	<i>crm</i>	LD29481	pOT2	3865	FBgn0000376	<i>CRAMP1</i>	ENSG00000007545	Pstl: 5649 2327 1340 982 894 408
P3851	<i>Oseg4</i>	LD29485	pOT2	4009	FBgn0035264	<i>WDR35</i>	ENSG00000118965	Pstl: 5649 3234 2198 408 255
P3852	<i>dlt</i>	LD29802	pOT2	3983	FBgn0024510	<i>CDAN1</i>	ENSG00000140326	Pstl: 5649 1740 1248 802 640 539 408 337 299 56
P3853	<i>CG8668</i>	LD29807	pOT2	2889	FBgn0031988	<i>B3GNT2</i>	ENSG00000170340	Pstl: 5649 4567 408
P3854	<i>CG5742</i>	LD29875	pOT2	2936	FBgn0034304	<i>ANKRD13C</i>	ENSG00000118454	Pstl: 5649 2108 1042 708 522 408 234
P3855	<i>smg</i>	LD30037	pOT2	3898	FBgn0016070	<i>SAMD4B</i>	ENSG00000179134	Pstl: 5649 3031 1026 758 435 408 326
P3856	<i>Src64B</i>	LD30429	pOT2	2778	FBgn0262733	<i>BTK</i>	ENSG00000010671	Pstl: 5649 3313 1143 408
P3857	<i>CG7536</i>	LD30826	pOT2	2979	FBgn0030890	<i>XPR1</i>	ENSG00000143324	Pstl: 5649 1729 1560 513 487 408 351 17
P3858	<i>chk</i>	LD30953	pOT2	5074	FBgn0033095	<i>SLC16A4</i>	ENSG00000168679	Pstl: 5649 4865 1500 408 387
P3859	<i>phol</i>	LD31045	pOT2	3132	FBgn0035997	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2608 1415 787 408
P3860	<i>SKIP</i>	LD31046	pOT2	5101	FBgn0051163	<i>SAMSN1</i>	ENSG00000155307	Pstl: 5649 2739 1933 1758 408 349
P3862	<i>RpS6</i>	LD31286	pOT2	1146	FBgn0261592	<i>RPS6</i>	ENSG00000137154	Pstl: 5649 1866 958 408
P3863	<i>CG32533</i>	LD31543	pOT2	3521	FBgn0052533	<i>DHX34</i>	ENSG00000134815	Pstl: 5649 2521 1458 900 408 320
P3864	<i>Osbp</i>	LD31802	pOT2	3276	FBgn0020626	<i>OSBPL7</i>	ENSG00000006025	Pstl: 5649 2033 1589 1108 408 224
P3865	<i>Rnp4F</i>	LD32008	pOT2	3358	FBgn0014024	<i>SART3</i>	ENSG00000075856	Pstl: 5649 3010 2026 408
P3866	<i>htl</i>	LD32130	pOT2	3837	FBgn0010389	<i>FGFR2</i>	ENSG00000066468	Pstl: 5649 2090 1592 1103 408 376 354
P3867	<i>Dok</i>	LD32155	pOT2	3515	FBgn0029944	<i>DOK1</i>	ENSG00000115325	Pstl: 5649 4279 914 408
P3868	<i>Kr-h1</i>	LD32311	pOT2	4171	FBgn0266450	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3145 1533 1141 408 30
P3869	<i>dm</i>	LD32539	pOT2	3472	FBgn0262656	<i>PPT2</i>	ENSG00000221988	Pstl: 5649 2837 2313 408
P3870	<i>Hsc70Cb</i>	LD32979	pOT2	3176	FBgn0026418	<i>HSPA4L</i>	ENSG00000164070	Pstl: 5649 2548 1004 807 408 363 132
P3871	<i>CG6659</i>	LD33103	pOT2	3344	FBgn0030946	<i>DPY19L1</i>	ENSG00000173852	Pstl: 5649 2848 601 552 536 408 285 200
P3872	<i>milt</i>	LD33316	pOT2	4034	FBgn0262872	<i>TRAK1</i>	ENSG00000182606	Pstl: 5649 2310 1224 949 666 563 408
P3873	<i>simj</i>	LD33361	pOT2	3589	FBgn0010762	<i>GATAD2B</i>	ENSG00000143614	Pstl: 5649 1946 1824 668 483 408 190 156
P3874	<i>CG8405</i>	LD33689	pOT2	3163	FBgn0034071	<i>TMEM259</i>	ENSG00000182087	Pstl: 5649 2744 732 594 412 408 299 60
P3875	<i>raps</i>	LD33695	pOT2	3316	FBgn0040080	<i>GPSM2</i>	ENSG00000121957	Pstl: 5649 4994 408
P3876	<i>CG1812</i>	LD33804	pOT2	3194	FBgn0031119	<i>LZTR1</i>	ENSG00000099949	Pstl: 5649 2423 1787 662 408
P3877	<i>SA</i>	LD34181	pOT2	3633	FBgn0020616	<i>STAG2</i>	ENSG00000101972	Pstl: 5649 2605 2163 543 408
P3878	<i>okr</i>	LD35220	pOT2	2860	FBgn0002989	<i>RAD54B</i>	ENSG00000197275	Pstl: 5649 2468 1326 744 408
P3879	<i>Cep135</i>	LD35990	pOT2	3423	FBgn0036480	<i>CEP135</i>	ENSG00000174799	Pstl: 5649 1806 1413 1265 431 408 186
P3880	<i>nmo</i>	LD36031	pOT2	3125	FBgn0011817	<i>NLK</i>	ENSG00000087095	Pstl: 5649 4803 408
P3881	<i>cas</i>	LD36057	pOT2	3151	FBgn0004878	<i>CASZ1</i>	ENSG00000130940	Pstl: 5649 3755 514 408 327 233
P3882	<i>CG2694</i>	LD37765	pOT2	3166	FBgn0024991	<i>GCNA</i>	ENSG00000147174	Pstl: 5649 2649 2195 408
P3883	<i>Dis3l2</i>	LD37985	pOT2	3597	FBgn0035111	<i>DIS3L</i>	ENSG00000166938	Pstl: 5649 4845 430 408
P3884	<i>coro</i>	LD37992	pOT2	2968	FBgn0265935	<i>CORO1B</i>	ENSG00000172725	Pstl: 5649 2857 1355 434 408
P3885	<i>CG7728</i>	LD38375	pOT2	3675	FBgn0036686	<i>BMS1</i>	ENSG00000165733	Pstl: 5649 2529 1832 992 408
P3886	<i>Fbxl7</i>	LD38495	pOT2	3183	FBgn0038385	<i>FBXL7</i>	ENSG00000183580	Pstl: 5649 2645 1223 970 408 23
P3887	<i>Ubqn</i>	LD38919	pOT2	3005	FBgn0031057	<i>UBQLNL</i>	ENSG00000175518	Pstl: 5649 3173 685 420 408 303 102
P3888	<i>CG6678</i>	LD39062	pOT2	2849	FBgn0038917	<i>RCCD1</i>	ENSG00000166965	Pstl: 5649 1957 1378 743 449 408
P3889	<i>TTLL5</i>	LD39904	pOT2	3273	FBgn0051108	<i>TTLL5</i>	ENSG00000119685	Pstl: 5649 2992 1959 408
P3890	<i>Cap-D2</i>	LD40412	pOT2	4296	FBgn0039680	<i>NCAPD2</i>	ENSG00000010292	Pstl: 5649 2750 996 748 676 603 408 201

P3891	<i>CG30467</i>	LD40680	pOT2	1765	FBgn0050467	<i>SAAL1</i>	ENSG00000166788	Pstl: 5649 2069 1374 408
P3892	<i>wdn</i>	LD40824	pOT2	3176	FBgn0005642	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2574 1581 564 408 135
P3893	<i>CG5728</i>	LD41803	pOT2	4607	FBgn0039182	<i>PDCD11</i>	ENSG00000148843	Pstl: 5649 3188 1878 742 423 408 54
P3894	<i>Pi3K21B</i>	LD42724	pOT2	3278	FBgn0020622	<i>PIK3R3</i>	ENSG00000117461	Pstl: 5649 3483 583 557 408 186 147
P3895	<i>CG30440</i>	LD43457	pOT2	3441	FBgn0050440	<i>MCF2L2</i>	ENSG00000053524	Pstl: 5649 2411 1955 753 408
P3896	<i>Hem</i>	LD43495	pOT2	3782	FBgn0011771	<i>NCKAP1L</i>	ENSG00000123338	Pstl: 5649 2864 1748 532 408 316
P3897	<i>HDAC6</i>	LD43531	pOT2	4503	FBgn0026428	<i>HDAC9</i>	ENSG00000048052	Pstl: 5649 2214 1347 675 585 413 408 366 350 174 45 12
P3898	<i>Usp20-33</i>	LD43649	pOT2	3477	FBgn0033916	<i>USP33</i>	ENSG00000077254	Supplemental Table S1.
P3899	<i>Pex1</i>	LD43687	pOT2	3293	FBgn0013563	<i>PEX1</i>	ENSG00000127980	Pstl: 5649 2182 1841 483 465 408
P3900	<i>oxt</i>	LD43716	pOT2	3365	FBgn0015360	<i>XYLT2</i>	ENSG00000015532	Pstl: 5649 3136 711 659 537 408
P3901	<i>Taf2</i>	LD43729	pOT2	3954	FBgn0011836	<i>TAF2</i>	ENSG00000064313	Pstl: 5649 1944 1825 1026 540 408 297
P3902	<i>CG31549</i>	LD44221	pOT2	978	FBgn0051549	<i>CBR4</i>	ENSG00000145439	Pstl: 5649 2297 408 359
P3903	<i>Prosbeta2</i>	LD44234	pOT2	1038	FBgn0023174	<i>PSMB10</i>	ENSG00000205220	Pstl: 5649 2716 408
P3904	<i>SoxN</i>	LD44245	pOT2	3207	FBgn0029123	<i>SOX7</i>	ENSG00000171056	Pstl: 5649 2544 1174 408 400 364 143 134 126
P3905	<i>inaE</i>	LD44686	pOT2	3901	FBgn0261244	<i>DAGLA</i>	ENSG00000134780	Pstl: 5649 2551 1308 843 805 408 72
P3906	<i>Su(var)3-3</i>	LD45081	pOT2	3670	FBgn0260397	<i>KDM1A</i>	ENSG00000004487	Pstl: 5649 5348 408
P3907	<i>bib</i>	LD45157	pOT2	3274	FBgn0000180	<i>AQP2</i>	ENSG00000167580	Pstl: 5649 2333 1661 580 408 378
P3908	<i>POSH</i>	LD45365	pOT2	3149	FBgn0040294	<i>SH3RF2</i>	ENSG00000156463	Pstl: 5649 2498 790 783 605 408 151
P3909	<i>swm</i>	LD45403	pOT2	4028	FBgn0002044	<i>RBM26</i>	ENSG00000139746	Pstl: 5649 2906 2242 540 408 18
P3910	<i>CG10321</i>	LD45439	pOT2	3355	FBgn0034643	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2256 1047 836 525 408 369
P3911	<i>MICAL-like</i>	LD45758	pOT2	3353	FBgn0036333	<i>MICALL2</i>	ENSG00000164877	Pstl: 5649 5031 408
P3912	<i>Sym</i>	LD45768	pOT2	3746	FBgn0037371	<i>SYMPK</i>	ENSG00000125755	Pstl: 5649 2002 1593 1038 791 408
P3913	<i>CycG</i>	LD46284	pOT2	3161	FBgn0039858	<i>CCNG1</i>	ENSG00000113328	Pstl: 5649 2326 1868 645 408
P3914	<i>MYPT-75D</i>	LD46604	pOT2	3975	FBgn0036801	<i>ECI2</i>	ENSG00000198721	Pstl: 5649 3181 753 652 544 408 259 177 87
P3915	<i>CG12054</i>	LD46863	pOT2	3125	FBgn0039831	<i>JAZF1</i>	ENSG00000153814	Pstl: 5649 2296 1723 588 408 196
P3916	<i>dlp</i>	LD47466	pOT2	3762	FBgn0041604	<i>GPC6</i>	ENSG00000183098	Pstl: 5649 5440 408
P3917	<i>mus210</i>	LD47533	pOT2	4321	FBgn0004698	<i>XPC</i>	ENSG00000154767	Pstl: 5649 2059 1725 1122 1093 408
P3918	<i>lmd</i>	LD47926	pOT2	3201	FBgn0039039	<i>AAAS</i>	ENSG00000094914	Pstl: 5649 2322 951 798 624 408 184
P3919	<i>CG18596</i>	LP02352	pOT2	3661	FBgn0038953	<i>TARBP1</i>	ENSG00000059588	Pstl: 5649 3121 1404 418 408 201 195
P3920	<i>Saf-B</i>	LP03039	pOT2	3560	FBgn0039229	<i>SRSF8</i>	ENSG00000263465	Pstl: 5649 3153 1032 749 408 304
P3921	<i>gho</i>	LP05220	pOT2	4155	FBgn0262126	<i>SEC24C</i>	ENSG00000176986	Pstl: 5833 5649 408
P3922	<i>CG4839</i>	LP05330	pOT2	3550	FBgn0032187	<i>PRKG2</i>	ENSG00000138669	Pstl: 5649 3198 1329 701 408
P3923	<i>orb2</i>	LP05645	pOT2	3114	FBgn0264307	<i>CPEB3</i>	ENSG00000107864	Pstl: 5649 2244 1114 680 622 408 132
P3924	<i>Rab3</i>	LP05860	pOT2	3762	FBgn0005586	<i>RAB3B</i>	ENSG00000169213	Pstl: 5649 3983 795 408 392 270
P3925	<i>tou</i>	LP06732	pOT2	3087	FBgn0033636	<i>BAZ2B</i>	ENSG00000123636	Pstl: 5649 4379 408 386
P3926	<i>CG3961</i>	SD01152	pOT2	2935	FBgn0036821	<i>ACSL5</i>	ENSG00000197142	Pstl: 5649 3574 1039 408
P3927	<i>CG6512</i>	SD01613	pOT2	3086	FBgn0036702	<i>AFG3L2</i>	ENSG00000141385	Pstl: 5649 3738 1026 408
P3928	<i>Myo31DF</i>	SD01662	pOT2	4315	FBgn0086347	<i>MYO1E</i>	ENSG00000157483	Pstl: 5649 2707 1734 1552 408
P3929	<i>Rpl135</i>	SD02110	pOT2	3562	FBgn0003278	<i>POLR1B</i>	ENSG00000125630	Pstl: 5649 2898 1875 467 408
P3930	<i>SMC1</i>	SD02122	pOT2	3933	FBgn0040283	<i>SMC1B</i>	ENSG00000077935	Pstl: 5649 3199 2245 408 167
P3931	<i>AcsI</i>	SD02373	pOT2	3671	FBgn0263120	<i>ACSL4</i>	ENSG00000068366	Pstl: 5649 3140 1626 583 408
P3932	<i>Khc</i>	SD02406	pOT2	3746	FBgn0001308	<i>KIF5A</i>	ENSG00000155980	Pstl: 5649 2770 932 735 594 408 393
P3933	<i>TTLL4B</i>	SD03378	pOT2	3523	FBgn0031574	<i>TTLL4</i>	ENSG00000135912	Pstl: 5649 2404 2224 573 408
P3934	<i>CG17646</i>	SD03967	pOT2	3414	FBgn0264494	<i>ABCG5</i>	ENSG00000138075	Pstl: 5649 4281 811 408
P3935	<i>Nedd4</i>	SD04682	pOT2	3641	FBgn0259174	<i>ITCH</i>	ENSG00000078747	Pstl: 5649 2300 2250 769 408
P3936	<i>Su(z)12</i>	SD04959	pOT2	4055	FBgn0020887	<i>SUZ12</i>	ENSG00000178691	Pstl: 5649 4070 1010 408 393 183 77
P3937	<i>NnaD</i>	SD05477	pOT2	3769	FBgn0265726	<i>AGBL2</i>	ENSG00000165923	Pstl: 5649 3299 1666 482 408
P3938	<i>Lrch</i>	SD07737	pOT2	3499	FBgn0032633	<i>LRCH1</i>	ENSG00000136141	Pstl: 5649 5177 408

P3939	<i>alphaTub84D</i>	SD07763	pOT2	6251	FBgn0003885	<i>TUBA3C</i>	ENSG00000198033	Pstl: 5649 5278 2651 408
P3940	<i>Pcl</i>	SD09488	pOT2	3826	FBgn0003044	<i>PHF1</i>	ENSG00000112511	Pstl: 5649 2081 1218 947 850 408 221 187
P3941	<i>REPTOR</i>	SD09792	pOT2	3660	FBgn0039209	<i>CREBRF</i>	ENSG00000164463	Pstl: 5649 3412 1326 408 348 168 84
P3942	<i>bin3</i>	SD09926	pOT2	4797	FBgn0263144	<i>MEPCE</i>	ENSG00000146834	Pstl: 5649 2113 1948 920 848 646 408
P3943	<i>CG8468</i>	SD10469	pOT2	3947	FBgn0033913	<i>SLC16A4</i>	ENSG00000168679	Pstl: 5649 2935 2185 505 408
P3944	<i>CG8064</i>	GH01043	pOT2	2874	FBgn0038597	<i>WDR3</i>	ENSG00000065183	Pstl: 5649 2039 1622 662 408 229
P3945	<i>RASSF8</i>	GH01133	pOT2	3426	FBgn0261986	<i>RASSF8</i>	ENSG00000123094	Pstl: 5649 2781 1860 408 277 186
P3946	<i>ihog</i>	GH03927	pOT2	3264	FBgn0031872	<i>CDON</i>	ENSG00000064309	Pstl: 5649 2785 1752 408 405
P3947	<i>Naprt</i>	GH04243	pOT2	2871	FBgn0031589	<i>NAPRT</i>	ENSG00000147813	Pstl: 5649 2286 2263 408
P3948	<i>CG10413</i>	GH08340	pOT2	3778	FBgn0032689	<i>SLC12A9</i>	ENSG00000146828	Pstl: 5649 4921 535 408
P3949	<i>CG33144</i>	GH08706	pOT2	4533	FBgn0053144	<i>RNF14</i>	ENSG00000013561	Pstl: 5649 3839 2033 408 285 54
P3950	<i>Trn1</i>	GH09289	pOT2	3662	FBgn0003721	<i>TPM1</i>	ENSG00000198467	Pstl: 5649 4645 695 408
P3951	<i>NKCC</i>	GH09711	pOT2	3894	FBgn0051547	<i>SLC12A2</i>	ENSG00000064651	Pstl: 5649 2048 1374 1101 1049 408
P3952	<i>mfrn</i>	GH09840	pOT2	3037	FBgn0039561	<i>SLC25A38</i>	ENSG00000144659	Pstl: 5649 4045 670 408
P3953	<i>CG11714</i>	GH09976	pOT2	3483	FBgn0036170	<i>ABTB1</i>	ENSG00000114626	Pstl: 5649 3952 675 534 408
P3954	<i>CG9164</i>	GH10344	pOT2	4394	FBgn0030634	<i>WSCD2</i>	ENSG00000075035	Pstl: 5649 3640 2432 408
P3955	<i>CG16979</i>	GH10640	pOT2	2069	FBgn0036512	<i>UFSP2</i>	ENSG00000109775	Pstl: 5649 2004 666 497 421 408 132 27
P3956	<i>Su(H)</i>	GH10914	pOT2	2640	FBgn0004837	<i>RBPJ</i>	ENSG00000168214	Pstl: 5649 2369 1949 408
P3957	<i>amon</i>	GH12584	pOT2	3969	FBgn0023179	<i>PCSK5</i>	ENSG00000099139	Pstl: 5649 3975 1672 408
P3958	<i>Men-b</i>	GH13437	pOT2	3263	FBgn0029155	<i>ME3</i>	ENSG00000151376	Pstl: 5649 4350 555 408 36
P3959	<i>Pmi</i>	GH14535	pOT2	3555	FBgn0044419	<i>TMEM11</i>	ENSG00000178307	Pstl: 5649 1917 1377 1125 766 408 48
P3960	<i>CG1358</i>	GH15861	pOT2	3393	FBgn0033196	<i>FLVCR1</i>	ENSG00000162769	Pstl: 5649 3134 1937 408
P3961	<i>Got2</i>	GH20337	pOT2	3047	FBgn0001125	<i>GOT2</i>	ENSG00000125166	Pstl: 5649 4294 431 408
P3962	<i>Efhc1.2</i>	GH24459	pOT2	2541	FBgn0034487	<i>EFHC1</i>	ENSG00000096093	Pstl: 5649 2359 1860 408
P3963	<i>Uba1</i>	GH24511	pOT2	4380	FBgn0023143	<i>UBA7</i>	ENSG00000182179	Pstl: 5649 2304 1611 932 688 408 354 126 43
P3964	<i>tkv</i>	GH25238	pOT2	3614	FBgn0003716	<i>BMPR1A</i>	ENSG00000107779	Pstl: 5649 5292 408
P3965	<i>CG10804</i>	GH25957	pOT2	4147	FBgn0029663	<i>SLC6A1</i>	ENSG00000157103	Pstl: 5649 4381 1444 408
P3966	<i>Hrb27C</i>	GH26816	pOT2	3199	FBgn0004838	<i>HNRNPD</i>	ENSG00000138668	Pstl: 5649 3908 903 408 66
P3967	<i>l(1)dd4</i>	GM14553	pOT2	3490	FBgn0001612	<i>TUBGCP5</i>	ENSG00000275835	Pstl: 5649 2373 2234 561 408
P3968	<i>Edem1</i>	LD21416	pOT2	4270	FBgn0023511	<i>EDEM2</i>	ENSG00000088298	Pstl: 5649 3054 2894 408
P3969	<i>Med</i>	LD22279	pOT2	3244	FBgn0011655	<i>SMAD4</i>	ENSG00000141646	Pstl: 5649 1905 1728 1289 408
P3970	<i>CG2938</i>	LD22456	pOT2	3246	FBgn0029685	<i>CASD1</i>	ENSG00000127995	Pstl: 5649 3407 1381 408 136
P3971	<i>Rcd1</i>	LD22513	pOT2	3692	FBgn0033897	<i>KANSL3</i>	ENSG00000114982	Pstl: 5649 3041 2329 408
P3972	<i>Bub1</i>	LD22858	pOT2	3785	FBgn0031696	<i>BUB1</i>	ENSG00000169679	Pstl: 5649 1793 1360 1277 922 408 111
P3973	<i>arm</i>	LD23131	pOT2	3141	FBgn0000117	<i>CTNNB1</i>	ENSG00000168036	Pstl: 5649 4819 408
P3974	<i>scra</i>	LD23793	pOT2	4185	FBgn0261385	<i>ANLN</i>	ENSG00000011426	Pstl: 5649 3317 2225 408 321
P3975	<i>Ctr9</i>	LD24034	pOT2	3684	FBgn0035205	<i>CTR9</i>	ENSG00000198730	Pstl: 5649 3815 1547 408
P3976	<i>Mvl</i>	LD24465	pOT2	2768	FBgn0011672	<i>SLC11A2</i>	ENSG00000110911	Pstl: 5649 2715 1266 465 408
P3977	<i>CG9934</i>	LD24832	pOT2	4293	FBgn0032467	<i>UBE4A</i>	ENSG00000110344	Pstl: 5649 3335 1670 699 408 267
P3978	<i>Nep4</i>	LD25753	pOT2	3631	FBgn0038818	<i>MMEL1</i>	ENSG00000142606	Pstl: 5649 2430 1083 532 408 351 336 324 214 39
P3979	<i>Aats-ile</i>	LD27166	pOT2	3908	FBgn0027086	<i>IARS</i>	ENSG00000196305	Pstl: 5649 3306 1926 408 354
P3980	<i>rudhira</i>	LD27278	pOT2	4113	FBgn0266019	<i>BCAS3</i>	ENSG00000141376	Pstl: 5649 2092 1864 1835 408
P3981	<i>l(1)G0232</i>	LD27988	pOT2	3045	FBgn0028341	<i>PTPN9</i>	ENSG00000169410	Pstl: 5649 2179 1530 471 408 354 97 92
P3982	<i>CG32344</i>	LD28101	pOT2	2699	FBgn0052344	<i>DDX54</i>	ENSG00000123064	Pstl: 5649 2387 1990 408
P3983	<i>Cbp80</i>	LD31211	pOT2	2975	FBgn0022942	<i>NCBP1</i>	ENSG00000136937	Pstl: 5649 1976 1207 1116 408 354
P3984	<i>Atf-2</i>	LD34489	pOT2	3313	FBgn0265193	<i>ATF7</i>	ENSG00000170653	Pstl: 5649 2227 1330 528 444 408 270 138 54
P3985	<i>gwl</i>	LD35132	pOT2	3090	FBgn0260399	<i>MASTL</i>	ENSG00000120539	Pstl: 5649 1932 898 832 800 408 306
P3986	<i>Eaf</i>	LD35207	pOT2	3166	FBgn0033166	<i>EAF2</i>	ENSG00000145088	Pstl: 5649 3090 1754 408

P3987	<i>PEK</i>	LD41715	pOT2	4634	FBgn0037327	<i>EIF2AK3</i>	ENSG00000172071	Pstl: 5649 3318 2489 408 258 247
P3988	<i>Topors</i>	LD43109	pOT2	4038	FBgn0267351	<i>TOPORS</i>	ENSG00000197579	Pstl: 5649 3214 1647 855 408
P3989	<i>Aats-leu</i>	LD44376	pOT2	3013	FBgn0027085	<i>LARS2</i>	ENSG00000011376	Pstl: 5649 2555 1179 677 408 280
P3990	<i>SIDL</i>	LD45339	pOT2	3614	FBgn0038303	<i>TRAPPC10</i>	ENSG00000160218	Pstl: 5649 2333 1692 1267 408
P3991	<i>emb</i>	LD45706	pOT2	3930	FBgn0020497	<i>XPO1</i>	ENSG00000082898	Pstl: 5649 2567 1892 684 465 408
P3992	<i>CG12299</i>	LD46233	pOT2	3333	FBgn0032295	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2351 1215 492 408 404 309 240
P3993	<i>Tmtc3</i>	LD47309	pOT2	3385	FBgn0020312	<i>TMTC1</i>	ENSG00000133687	Pstl: 5649 2051 1485 996 459 408 72
P3994	<i>CG3356</i>	LP03102	pOT2	3917	FBgn0034989	<i>UBE3C</i>	ENSG00000009335	Pstl: 5649 3005 972 526 513 408 403 176
P3995	<i>Vinc</i>	SD03117	pOT2	3715	FBgn0004397	<i>VCL</i>	ENSG00000035403	Pstl: 5649 3357 813 638 408 272 189 103 21
P3996	<i>sec5</i>	SD03467	pOT2	2878	FBgn0266670	<i>EXOC2</i>	ENSG00000112685	Pstl: 5649 1643 1575 1292 408 46
P3997	<i>Nep1</i>	GH03315	pOT2	3443	FBgn0029843	<i>MMEL1</i>	ENSG00000142606	Pstl: 5649 2523 933 681 663 408 237 69 15
P3998	<i>Atx2</i>	GH13857	pOT2	4303	FBgn0041188	<i>ATXN2L</i>	ENSG00000168488	Pstl: 5649 3750 2231 408
P3999	<i>CG13907</i>	GH22266	pOT2	4629	FBgn0035173	<i>SLC16A4</i>	ENSG00000168679	Pstl: 5649 4355 1050 408 356 293 253
P4000	<i>Ube3a</i>	LD21888	pOT2	3667	FBgn0061469	<i>UBE3A</i>	ENSG00000114062	Pstl: 5649 3330 686 604 540 408 112 73
P4001	<i>Myb</i>	LD22943	pOT2	2870	FBgn0002914	<i>MYBL2</i>	ENSG00000101057	Pstl: 5649 4548 408
P4002	<i>CG6967</i>	LD34829	pOT2	3402	FBgn0034187	<i>MOV10</i>	ENSG00000155363	Pstl: 5649 2740 2340 408
P4003	<i>CG1951</i>	LD39455	pOT2	3215	FBgn0039623	<i>SCYL2</i>	ENSG00000136021	Pstl: 5649 2904 645 537 450 408 339 18
P4004	<i>Sesn</i>	LD39604	pOT2	3112	FBgn0034897	<i>SESN3</i>	ENSG00000149212	Pstl: 5649 2200 1486 830 408 274
P4005	<i>CG7611</i>	LP01609	pOT2	4410	FBgn0037094	<i>WDR26</i>	ENSG00000162923	Pstl: 5649 3152 1587 802 408 343 186 18
P4006	<i>Git</i>	SD01663	pOT2	3430	FBgn0001114	<i>AADA4L4</i>	ENSG00000204518	Pstl: 5649 3561 1163 408 384
P4007	<i>Ranbp9</i>	LP08082	pOT2	3329	FBgn0037894	<i>IPO9</i>	ENSG00000198700	Pstl: 5649 1735 1341 1116 408 396 386 33
P4008	<i>Nse1</i>	GM14348	pOT2	900	FBgn0031848	<i>NSMCE1</i>	ENSG00000169189	Pstl: 5649 2578 408
P4009	<i>CG9578</i>	HL08141	pOT2	1046	FBgn0031094	<i>TIPRL</i>	ENSG00000143155	Pstl: 5649 2328 408 396
P4010	<i>Mlc2</i>	LD22691	pOT2	1971	FBgn0002773	<i>MYL7</i>	ENSG00000106631	verified by sequencing
P4011	<i>CG3534</i>	LD23605	pOT2	1871	FBgn0038463	<i>XYLB</i>	ENSG00000093217	Pstl: 5649 3549 408
P4012	<i>U2af38</i>	LD24048	pOT2	1254	FBgn0017457	<i>ZRSR1</i>	ENSG00000212643	Pstl: 5649 2932 408
P4013	<i>Prosbeta6</i>	LD24159	pOT2	922	FBgn0002284	<i>PSMB1</i>	ENSG00000008018	Pstl: 5649 2600 408
P4014	<i>CG32095</i>	GH03217	pOT2	1487	FBgn0052095	<i>HARBI1</i>	ENSG00000180423	Pstl: 5649 1929 1236 408
P4015	<i>CG6287</i>	GH03305	pOT2	1251	FBgn0032350	<i>PHGDH</i>	ENSG00000092621	Pstl: 5649 2929 408
P4016	<i>spirit</i>	GH03360	pOT2	1594	FBgn0030051	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 3000 408 272
P4017	<i>Sf3a1</i>	GH03554	pOT2	2558	FBgn0266917	<i>SF3A1</i>	ENSG00000099995	Pstl: 5649 2436 1800 408
P4018	<i>CG6136</i>	GH08447	pOT2	2159	FBgn0038332	<i>CUTC</i>	ENSG00000119929	Pstl: 5649 1948 1657 408 232
P4019	<i>Dg</i>	GH09323	pOT2	5729	FBgn0034072	<i>DAG1</i>	ENSG00000173402	Pstl: 5649 4412 1561 690 408 393 210 141
P4020	<i>peb</i>	GH10905	pOT2	6318	FBgn0003053	<i>RREB1</i>	ENSG00000124782	Pstl: 5649 2445 1992 1753 1684 408 122
P4021	<i>ACC</i>	GH12002	pOT2	7838	FBgn0033246	<i>ACACA</i>	ENSG00000278540	Pstl: 5649 2940 1782 1284 1152 1125 504 408 342 222 165
P4022	<i>CG10096</i>	GH14366	pOT2	4960	FBgn0038032	<i>FAR1</i>	ENSG00000197601	Pstl: 5649 4318 1848 472 408
P4023	<i>Ank2</i>	GH14650	pOT2	5916	FBgn0261788	<i>ANK3</i>	ENSG00000151150	Pstl: 5649 3026 2697 1871 408
P4024	<i>Mhcl</i>	GH15471	pOT2	6223	FBgn0026059	<i>MYO18A</i>	ENSG00000196535	Pstl: 5649 2575 2090 1299 770 765 408 171 168 63
P4025	<i>rols</i>	GH15583	pOT2	5122	FBgn0041096	<i>TNKS2</i>	ENSG00000107854	Pstl: 5649 3641 1356 1179 492 408 132
P4026	<i>CG13917</i>	GH15728	pOT2	6500	FBgn0035237	<i>BTBD8</i>	ENSG00000284413	Pstl: 5649 1871 1602 1174 809 770 619 538 408 332 294 123 46
P4027	<i>AdamTS-A</i>	GH16393	pOT2	6988	FBgn0038341	<i>ADAMTS20</i>	ENSG00000173157	Pstl: 5649 3565 3343 1758 408
P4028	<i>Hs3st-A</i>	GH20068	pOT2	5574	FBgn0053147	<i>HS3ST3B1</i>	ENSG00000125430	Pstl: 5649 4500 1047 827 821 408 51 6
P4029	<i>CG46385</i>	GH21034	pOT2	4853	FBgn0050497	<i>FAM46B</i>	ENSG00000158246	Pstl: 5649 4603 1928 408
P4030	<i>rdgA</i>	GH23785	pOT2	5619	FBgn0261549	<i>DGKI</i>	ENSG00000157680	Pstl: 5649 2883 1983 1651 780 408
P4031	<i>CG33791</i>	GH27234	pOT2	5636	FBgn0035240	<i>OGDH</i>	ENSG00000105953	Pstl: 5649 3003 2063 1959 408 289
P4033	<i>Ranbp21</i>	LD26789	pOT2	5135	FBgn0031051	<i>XPO5</i>	ENSG00000124571	Pstl: 5649 2823 1218 988 905 765 408 114
P4034	<i>Magi</i>	LD27118	pOT2	4989	FBgn0034590	<i>AGAP4</i>	ENSG00000188234	Pstl: 5649 1898 1209 990 798 654 561 408 294 263
P4035	<i>RasGAP1</i>	LD27520	pOT2	5426	FBgn0004390	<i>RASA4</i>	ENSG00000105808	Pstl: 5649 3154 2078 479 468 416 408 374 135

P4036	<i>Pi3K68D</i>	LD28067	pOT2	6401	FBgn0015278	<i>PIK3C2A</i>	ENSG00000011405	Pstl: 5649 2610 2313 1954 962 408 180 60
P4037	<i>XNP</i>	LD28477	pOT2	4813	FBgn0039338	<i>ATRX</i>	ENSG00000085224	Pstl: 5649 2188 1520 1230 691 593 408 137 81 51
P4038	<i>Usp10</i>	LD28815	pOT2	6352	FBgn0052479	<i>USP10</i>	ENSG00000103194	Supplemental Table S1.
P4039	<i>c11.1</i>	LD28902	pOT2	5875	FBgn0040236	<i>MROH2B</i>	ENSG00000171495	Pstl: 5649 3025 1281 712 624 477 456 441 408 345 192
P4040	<i>X11L</i>	LD29081	pOT2	4485	FBgn0026313	<i>APBA2</i>	ENSG00000034053	Pstl: 5649 2544 1493 1076 493 408 340 217
P4041	<i>Upf1</i>	LD30316	pOT2	4740	FBgn0030354	<i>UPF1</i>	ENSG00000005007	Pstl: 5649 2000 1713 1440 756 509 408
P4042	<i>Gapvd1</i>	LD31383	pOT2	5771	FBgn0030286	<i>GAPVD1</i>	ENSG00000165219	Pstl: 5649 2340 1817 1521 1075 408 243 168 129 93 33 30
P4043	<i>mahe</i>	LD32873	pOT2	6377	FBgn0029979	<i>DDX42</i>	ENSG00000198231	Pstl: 5649 4765 2326 526 411 408 21 6
P4044	<i>Cpsf160</i>	LD38533	pOT2	4486	FBgn0024698	<i>CPSF1</i>	ENSG00000071894	Pstl: 5649 4734 867 488 408 75
P4045	<i>lid</i>	LD40310	pOT2	5965	FBgn0031759	<i>KDM5A</i>	ENSG00000073614	Pstl: 5649 3027 2654 1356 504 408 93 9
P4046	<i>BRWD3</i>	LD40380	pOT2	7243	FBgn0011785	<i>BRWD3</i>	ENSG00000165288	Pstl: 5649 4614 2510 1375 422 408
P4047	<i>Aats-glupro</i>	LD42739	pOT2	5418	FBgn0005674	<i>EPRS</i>	ENSG00000136628	Pstl: 5649 4102 1966 408 360 353 315
P4048	<i>CG7806</i>	LD42916	pOT2	4958	FBgn0032018	<i>ABCC1</i>	ENSG00000103222	Pstl: 5649 2702 2149 1617 408 168
P4049	<i>hdc</i>	LD44381	pOT2	4515	FBgn0010113	<i>HECA</i>	ENSG00000112406	Pstl: 5649 2601 1246 830 408 376 366 333 203 79 58 54 47
P4050	<i>CG4751</i>	LD44770	pOT2	4877	FBgn0032348	<i>MPND</i>	ENSG00000008382	Supplemental Table S1.
P4051	<i>fzy</i>	LD44795	pOT2	7884	FBgn0001086	<i>FZR1</i>	ENSG00000105325	Pstl: 5649 3814 3197 2248 408 303
P4052	<i>hep</i>	LD46661	pOT2	4846	FBgn0010303	<i>MAP2K6</i>	ENSG00000108984	Pstl: 5649 3114 3083 408 327
P4053	<i>ovo</i>	LD47350	pOT2	5514	FBgn0003028	<i>OVOL1</i>	ENSG00000172818	Pstl: 5649 2583 2572 1060 408 360 216 180 109 59 53
P4054	<i>Best1</i>	LP05915	pOT2	5610	FBgn0040238	<i>BEST4</i>	ENSG00000142959	Pstl: 5649 4150 2403 735 408
P4055	<i>fwd</i>	LP07057	pOT2	6341	FBgn0004373	<i>PI4KB</i>	ENSG00000143393	Pstl: 5649 3461 2606 693 691 408 253 207 90 18
P4056	<i>CG43658</i>	SD02996	pOT2	7107	FBgn0263706	<i>ARHGEF10L</i>	ENSG00000074964	Pstl: 5649 3117 1602 1131 822 780 628 408 402 195 51 51 6
P4057	<i>Mekk1</i>	SD09178	pOT2	5230	FBgn0024329	<i>MAP3K4</i>	ENSG00000085511	Pstl: 5649 2823 1864 751 540 520 408 249 161
P4058	<i>a</i>	GH21134	pOT2	4842	FBgn0000008	<i>SYNJ2BP</i>	ENSG00000213463	Pstl: 5649 3109 1910 1023 472 408 6
P4060	<i>CG34417</i>	GH23906	pOT2	5626	FBgn0085446	<i>SMTNL1</i>	ENSG00000214872	Pstl: 5649 4961 2169 408 174
P4061	<i>CG8858</i>	GH27092	pOT2	5898	FBgn0033698	<i>KIAA0368</i>	ENSG00000136813	Pstl: 5649 2516 2018 1983 633 426 408
P4062	<i>ago</i>	LD21322	pOT2	4796	FBgn0041171	<i>FBXW7</i>	ENSG00000109670	Pstl: 5649 1748 1633 1135 1010 468 450 408 30
P4063	<i>SNF4Agamma</i>	LD22662	pOT2	4666	FBgn0264357	<i>PRKAG1</i>	ENSG00000181929	Pstl: 6344 5649 408
P4064	<i>pcm</i>	LD22664	pOT2	5220	FBgn0020261	<i>XRN1</i>	ENSG00000114127	Pstl: 5649 2544 960 903 876 715 408 378 363 159
P4065	<i>gek</i>	LD24220	pOT2	5114	FBgn0023081	<i>CDC42BPB</i>	ENSG00000198752	Pstl: 5649 2054 1801 1575 704 648 408 10
P4066	<i>Trf2</i>	LD27895	pOT2	4548	FBgn0261793	<i>TBPL1</i>	ENSG00000028839	Pstl: 5649 2932 2409 408 408 250 227
P4067	<i>Als2</i>	LD33266	pOT2	5059	FBgn0037116	<i>ALS2</i>	ENSG00000003393	Pstl: 5649 2859 2205 933 408 309 188 153 90
P4068	<i>brm</i>	LD36356	pOT2	5355	FBgn0000212	<i>SMARCA5</i>	ENSG00000153147	Pstl: 5649 2325 2160 1500 882 408 166
P4069	<i>stj</i>	SD07723	pOT2	6395	FBgn0261041	<i>CACNA2D2</i>	ENSG00000007402	Pstl: 6706 5649 1367 408
P4070	<i>CG12163</i>	GH01606	pOT2	6646	FBgn0260462	<i>CTSW</i>	ENSG00000172543	Pstl: 8324 5649 408
P4071	<i>jp</i>	GH28348	pOT2	5886	FBgn0032129	<i>JPH1</i>	ENSG00000104369	Pstl: 5649 3144 1980 989 792 590 408 36 33
P4072	<i>chb</i>	LD31673	pOT2	5962	FBgn0021760	<i>CLASP1</i>	ENSG00000074054	Pstl: 7191 5649 449 408
P4073	<i>Dlg5</i>	LD32687	pOT2	6885	FBgn0032363	<i>DLG5</i>	ENSG00000151208	Pstl: 5649 4734 2345 965 408 296 223
P4074	<i>mRpL33</i>	GH15938	pOT2	348	FBgn0040907	<i>MRPL33</i>	ENSG00000243147	Pstl: 5649 2026 408
P4075	<i>CG8860</i>	GM14157	pOT2	374	FBgn0033691	<i>SEC61G</i>	ENSG00000132432	Pstl: 5649 2052 408
P4076	<i>Rpb10</i>	SD08670	pOT2	380	FBgn0039218	<i>POLR2L</i>	ENSG00000177700	Pstl: 5649 2058 408
P4077	<i>CG17059</i>	GH04581	pOT2	400	FBgn0040754	<i>COPS9</i>	ENSG00000172428	Pstl: 5649 2078 408
P4078	<i>CoVIII</i>	GH15688	pOT2	433	FBgn0263911	<i>COX8A</i>	ENSG00000176340	Pstl: 5649 2111 408
P4079	<i>SmF</i>	GM23968	pOT2	450	FBgn0000426	<i>LSM6</i>	ENSG00000164167	Pstl: 5649 2128 408
P4080	<i>RNASEK</i>	GM16138	pOT2	472	FBgn0262116	<i>RNASEK</i>	ENSG00000219200	Pstl: 5649 2150 408
P4081	<i>RpS28b</i>	LD23674	pOT2	518	FBgn0030136	<i>RPS28</i>	ENSG00000233927	Pstl: 5649 2196 408
P4082	<i>SmE</i>	GM19936	pOT2	519	FBgn0261790	<i>SNRPE</i>	ENSG00000182004	Pstl: 5649 1892 408 305
P4083	<i>ATPsynE</i>	GH08548	pOT2	559	FBgn0038224	<i>ATP5I</i>	ENSG00000169020	Pstl: 5649 2237 408
P4084	<i>ND-B18</i>	LP22717	pOT2	566	FBgn0030605	<i>NDUFB7</i>	ENSG00000099795	Pstl: 5649 2244 408

P4085	<i>ND-13A</i>	LP20380	pOT2	580	FBgn0031684	<i>NDUFS6</i>	ENSG00000145494	Pstl: 5649 2258 408
P4086	<i>baf</i>	GH06291	pOT2	586	FBgn0031977	<i>BANF1</i>	ENSG00000175334	Pstl: 5649 2264 408
P4087	<i>Cd1c2</i>	LP02196	pOT2	667	FBgn0026141	<i>DYNLL2</i>	ENSG00000264364	Pstl: 5649 2345 408
P4088	<i>MED11</i>	GH01072	pOT2	723	FBgn0036811	<i>MED11</i>	ENSG00000161920	Pstl: 5649 2401 408
P4089	<i>Tep2</i>	GH01829	pOT2	4578	FBgn0041182	<i>CD109</i>	ENSG00000156535	Pstl: 5649 3422 2242 592 408
P4090	<i>betaTub85D</i>	GH02051	pOT2	1779	FBgn0003889	<i>TUBB1</i>	ENSG00000101162	Pstl: 5649 3457 408
P4091	<i>CG9426</i>	GH03286	pOT2	2773	FBgn0032485	<i>IPP</i>	ENSG00000197429	Pstl: 5649 3803 648 408
P4092	<i>Kaz1-ORFB</i>	GH03839	pOT2	561	FBgn0063923	<i>SPINK14</i>	ENSG00000196800	Pstl: 5649 2239 408
P4093	<i>CG7560</i>	GH04035	pOT2	1125	FBgn0036157	<i>MTHFR</i>	ENSG00000177000	Pstl: 5649 2803 408
P4094	<i>CG3652</i>	GH04132	pOT2	825	FBgn0031600	<i>YIPF6</i>	ENSG00000181704	Pstl: 5649 2503 408
P4095	<i>Act79B</i>	GH04529	pOT2	1542	FBgn0000045	<i>ACTC1</i>	ENSG00000159251	Pstl: 5649 3220 408
P4096	<i>Ugt36F1</i>	GH06505	pOT2	1692	FBgn0027074	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 3370 408
P4097	<i>Reps</i>	GH06923	pOT2	4865	FBgn0032341	<i>REPS1</i>	ENSG00000135597	Pstl: 5649 3842 2701 408
P4098	<i>CG3104</i>	GH07239	pOT2	3938	FBgn0031473	<i>TNKS2</i>	ENSG00000107854	Pstl: 5649 2657 1502 1299 408 158
P4099	<i>CG5554</i>	GH07506	pOT2	1694	FBgn0034914	<i>TMX1</i>	ENSG00000139921	Pstl: 5649 2426 514 432 408
P4100	<i>CG31275</i>	GH08635	pOT2	612	FBgn0063261	<i>DYNLRB1</i>	ENSG00000125971	Pstl: 5649 2290 408
P4101	<i>Sirt4</i>	GH08671	pOT2	3028	FBgn0029783	<i>SIRT4</i>	ENSG00000089163	Pstl: 5649 2351 1820 408 319 216
P4102	<i>Pex5</i>	GH08708	pOT2	2176	FBgn0023516	<i>PEX5L</i>	ENSG00000114757	Pstl: 5649 2021 816 639 408 132 102 84 60
P4103	<i>Fbw5</i>	GH09073	pOT2	2271	FBgn0031773	<i>FBXW5</i>	ENSG00000159069	Pstl: 5649 3949 408
P4104	<i>nec</i>	GH10112	pOT2	1662	FBgn0002930	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 1872 567 408 352 315 210 24
P4105	<i>lrpb18</i>	GH10915	pOT2	561	FBgn0036126	<i>CREB3L1</i>	ENSG00000157613	Pstl: 5649 2239 408
P4106	<i>CG31872</i>	GH11711	pOT2	3364	FBgn0051872	<i>LIPA</i>	ENSG00000107798	Pstl: 5649 2647 2395 408
P4107	<i>psh</i>	GH12385	pOT2	1667	FBgn0030926	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2777 568 408
P4108	<i>Rcd-1</i>	GH15157	pOT2	1630	FBgn0031047	<i>CNOT9</i>	ENSG00000144580	Pstl: 5649 1893 878 495 408 42
P4109	<i>CG4842</i>	GH15220	pOT2	961	FBgn0036620	<i>DECR2</i>	ENSG00000242612	Pstl: 5649 2015 624 408
P4110	<i>CG17349</i>	GH16267	pOT2	1116	FBgn0032771	<i>PACRGL</i>	ENSG00000163138	Pstl: 5649 2367 427 408
P4111	<i>Cyp4e1</i>	GH16481	pOT2	1773	FBgn0015034	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2538 604 408 309
P4112	<i>yellow-f</i>	GH16592	pOT2	1457	FBgn0041710	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 2867 408 268
P4113	<i>CG1213</i>	GH17672	pOT2	1864	FBgn0037387	<i>ACRV1</i>	ENSG00000134940	Pstl: 5649 2452 1090 408
P4114	<i>rush</i>	GH19261	pOT2	2708	FBgn0025381	<i>PLEKHF2</i>	ENSG00000175895	Pstl: 5649 3116 1270 408
P4115	<i>CG1824</i>	GH19726	pOT2	2539	FBgn0030403	<i>TAP2</i>	ENSG00000204267	Pstl: 5649 2654 1137 408 303 123
P4116	<i>CG11999</i>	GH21273	pOT2	923	FBgn0037312	<i>SDF2L1</i>	ENSG00000128228	Pstl: 5649 1648 953 408
P4117	<i>Cdk9</i>	GH21935	pOT2	1479	FBgn0019949	<i>CDK13</i>	ENSG00000065883	Pstl: 5649 1795 786 576 408
P4118	<i>Npc2a</i>	GH22047	pOT2	677	FBgn0031381	<i>NPC2</i>	ENSG00000119655	Pstl: 5649 1711 644 408
P4119	<i>Aats-his</i>	GH22474	pOT2	2026	FBgn0027087	<i>HARS2</i>	ENSG00000112855	Pstl: 5649 1958 1746 408
P4120	<i>CG10993</i>	GH23064	pOT2	725	FBgn0030524	<i>ABT1</i>	ENSG00000146109	Pstl: 5649 2403 408
P4121	<i>CG4610</i>	GH24245	pOT2	2100	FBgn0034735	<i>MTQ1</i>	ENSG00000135297	Pstl: 5649 3778 408
P4122	<i>Grx1</i>	GH24739	pOT2	496	FBgn0036820	<i>GLRX2</i>	ENSG00000023572	Pstl: 5649 2174 408
P4123	<i>CG4546</i>	GH24918	pOT2	1817	FBgn0038373	<i>MYCBP</i>	ENSG00000214114	Pstl: 5649 1764 996 624 408 111
P4124	<i>Porin2</i>	GH26960	pOT2	1123	FBgn0069354	<i>VDAC3</i>	ENSG00000078668	Pstl: 5649 2801 408
P4125	<i>CG10298</i>	GH28351	pOT2	739	FBgn0037432	<i>ZNF302</i>	ENSG00000089335	Pstl: 5649 2417 408
P4126	<i>Pfdn6</i>	GH28557	pOT2	661	FBgn0036918	<i>PFDN6</i>	ENSG00000204220	Pstl: 5649 2339 408
P4127	<i>CG9451</i>	GH28721	pOT2	1419	FBgn0036876	<i>ACP4</i>	ENSG00000142513	Pstl: 5649 1759 969 408 369
P4128	<i>CREG</i>	GH28782	pOT2	921	FBgn0025456	<i>CREG2</i>	ENSG00000175874	Pstl: 5649 2599 408
P4129	<i>Naa40</i>	GM12182	pOT2	744	FBgn0039687	<i>NAA40</i>	ENSG00000110583	Pstl: 5649 1807 615 408
P4130	<i>CG15014</i>	GM16085	pOT2	1127	FBgn0035532	<i>THUMPD1</i>	ENSG00000066654	Pstl: 5649 2805 408
P4131	<i>CG10343</i>	GM16226	pOT2	874	FBgn0032703	<i>RWDD4</i>	ENSG00000182552	Pstl: 5649 2552 408
P4132	<i>CG7339</i>	GM16372	pOT2	953	FBgn0036188	<i>POLR3H</i>	ENSG00000100413	Pstl: 5649 1883 479 408 202 67

P4133	<i>Arl1</i>	GM20805	pOT2	945	FBgn0000115	<i>ARL1</i>	ENSG00000120805	Pstl: 5649 1788 420 415 408
P4134	<i>Nazo</i>	GM23845	pOT2	638	FBgn0037562	<i>C19orf12</i>	ENSG00000131943	Pstl: 5649 2316 408
P4135	<i>CG5323</i>	GM25382	pOT2	789	FBgn0034362	<i>FAM136A</i>	ENSG00000035141	Pstl: 5649 2467 408
P4136	<i>Coq5</i>	GM25741	pOT2	1188	FBgn0030460	<i>COQ5</i>	ENSG00000110871	Pstl: 5649 2060 806 408
P4137	<i>RpS19a</i>	GM26647	pOT2	673	FBgn0010412	<i>RPS19</i>	ENSG00000105372	Pstl: 5649 1839 512 408
P4138	<i>trsn</i>	GM27569	pOT2	886	FBgn0033528	<i>TSN</i>	ENSG00000211460	Pstl: 5649 1898 408 363 303
P4139	<i>CG6724</i>	GM29372	pOT2	1580	FBgn0032298	<i>WDR12</i>	ENSG00000138442	Pstl: 5649 1777 830 408 356 295
P4140	<i>CG42498</i>	GM30016	pOT2	830	FBgn0260224	<i>LAGE3</i>	ENSG00000196976	Pstl: 5649 2508 408
P4141	<i>MED28</i>	GM31575	pOT2	753	FBgn0039337	<i>MED28</i>	ENSG00000118579	Pstl: 5649 1676 431 408 225 99
P4142	<i>mRpL18</i>	HL07956	pOT2	797	FBgn0026741	<i>MRPL18</i>	ENSG00000112110	Pstl: 5649 1755 663 408 57
P4143	<i>ZnT86D</i>	LD23375	pOT2	2006	FBgn0037875	<i>SLC30A5</i>	ENSG00000145740	Pstl: 5649 3459 408 225
P4144	<i>loco</i>	LD24778	pOT2	5224	FBgn0020278	<i>RGS14</i>	ENSG00000169220	Pstl: 5649 2367 1601 746 576 551 408 330 310 267 93 61
P4145	<i>dnk</i>	LD27103	pOT2	1159	FBgn0022338	<i>TK2</i>	ENSG00000166548	Pstl: 5649 2257 580 408
P4146	<i>wee</i>	LD27552	pOT2	2363	FBgn0011737	<i>WEE1</i>	ENSG00000166483	Pstl: 5649 2155 1251 635 408
P4147	<i>CG31793</i>	LD28489	pOT2	4377	FBgn0051793	<i>ABCC1</i>	ENSG00000103222	Pstl: 5649 2122 1677 1191 1065 408
P4148	<i>ohgt</i>	LD28592	pOT2	2089	FBgn0037780	<i>CRBN</i>	ENSG00000113851	Pstl: 5649 2599 1168 408
P4149	<i>CG14464</i>	LD29015	pOT2	659	FBgn0033000	<i>ARL14EP</i>	ENSG00000152219	Pstl: 5649 2337 408
P4150	<i>CG11658</i>	LD30288	pOT2	2015	FBgn0036196	<i>FBXO25</i>	ENSG00000147364	Pstl: 5649 3693 408
P4151	<i>CG11137</i>	LD31024	pOT2	653	FBgn0037199	<i>EMC4</i>	ENSG00000128463	Pstl: 5649 2331 408
P4152	<i>krz</i>	LD31082	pOT2	1942	FBgn0040206	<i>ARR3</i>	ENSG00000120500	Pstl: 5649 3620 408
P4153	<i>CG31357</i>	LD35157	pOT2	1663	FBgn0051357	<i>MAEA</i>	ENSG00000090316	Pstl: 5649 3341 408
P4154	<i>dup</i>	LD35784	pOT2	3119	FBgn0000996	<i>CDT1</i>	ENSG00000167513	Pstl: 5649 3516 1080 408 201
P4155	<i>CG7988</i>	LD36129	pOT2	916	FBgn0038582	<i>SRRD</i>	ENSG00000100104	Pstl: 5649 2201 408 393
P4156	<i>EMC3</i>	LD37839	pOT2	1020	FBgn0032292	<i>EMC3</i>	ENSG00000125037	Pstl: 5649 2698 408
P4157	<i>CG14906</i>	LD37858	pOT2	2315	FBgn0015351	<i>METTL4</i>	ENSG00000101574	Pstl: 5649 3745 408 248
P4158	<i>CG42496</i>	LD37882	pOT2	1074	FBgn0260222	<i>COX19</i>	ENSG00000240230	Pstl: 5649 2752 408
P4159	<i>TTLL12</i>	LD38689	pOT2	1986	FBgn0033225	<i>TTLL12</i>	ENSG00000100304	Pstl: 5649 3664 408
P4160	<i>RpL22</i>	LD40873	pOT2	1128	FBgn0015288	<i>RPL22</i>	ENSG00000116251	Pstl: 5649 2163 643 408
P4161	<i>mRpL32</i>	LD41522	pOT2	696	FBgn0039835	<i>MRPL32</i>	ENSG00000106591	Pstl: 5649 2374 408
P4162	<i>Cbl</i>	LD46082	pOT2	1528	FBgn0020224	<i>CBL</i>	ENSG00000110395	Pstl: 5649 2126 1080 408
P4163	<i>Aps</i>	LD46602	pOT2	1620	FBgn0036111	<i>NUDT11</i>	ENSG00000196368	Pstl: 5649 2336 962 408
P4164	<i>RpS3</i>	LD47488	pOT2	928	FBgn0002622	<i>RPS3</i>	ENSG00000149273	Pstl: 5649 2606 408
P4165	<i>EIF3f1</i>	LD47792	pOT2	1342	FBgn0037270	<i>EIF3F</i>	ENSG00000175390	Supplemental Table S1.
P4166	<i>CG7142</i>	LP01850	pOT2	1360	FBgn0038595	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 1963 1075 408
P4167	<i>CG5131</i>	LP01932	pOT2	1030	FBgn0032644	<i>ATP23</i>	ENSG00000166896	Pstl: 5649 2708 408
P4168	<i>Socs44A</i>	LP02169	pOT2	1803	FBgn0033266	<i>SOCS3</i>	ENSG00000184557	Pstl: 5649 2123 661 470 408 203 24
P4169	<i>Jon65Ai</i>	LP02583	pOT2	861	FBgn0035667	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1755 458 408 326
P4170	<i>FarO</i>	LP02712	pOT2	1648	FBgn0023550	<i>FAR1</i>	ENSG00000197601	Pstl: 5649 1826 1500 408
P4171	<i>slv</i>	LP02768	pOT2	990	FBgn0025469	<i>SLC50A1</i>	ENSG00000169241	Pstl: 5649 1910 677 408 81
P4172	<i>CG16727</i>	LP02775	pOT2	2032	FBgn0038719	<i>SLC2A7</i>	ENSG00000197241	Pstl: 5649 2308 1402 408
P4173	<i>Tsp42Ec</i>	LP02831	pOT2	1038	FBgn0033124	<i>CD63</i>	ENSG00000135404	Pstl: 5649 1897 819 408
P4174	<i>ru</i>	LP02893	pOT2	1816	FBgn0003295	<i>RHBDL2</i>	ENSG00000158315	Pstl: 5649 2259 869 408 366
P4175	<i>CG11103</i>	LP03404	pOT2	887	FBgn0030522	<i>TM2D2</i>	ENSG00000169490	Pstl: 5649 2565 408
P4176	<i>CG3604</i>	LP04037	pOT2	554	FBgn0031562	<i>ADAMTS7</i>	ENSG00000136378	Pstl: 5649 2232 408
P4177	<i>CG6749</i>	LP04042	pOT2	1852	FBgn0036040	<i>IGFALS</i>	ENSG00000099769	Pstl: 5649 2399 453 408 291 219 87 81
P4178	<i>CG17752</i>	LP04053	pOT2	1734	FBgn0038718	<i>SLC2A7</i>	ENSG00000197241	Pstl: 5649 3022 408 390
P4179	<i>sgll</i>	LP04163	pOT2	1251	FBgn0051472	<i>PNPO</i>	ENSG00000108439	Pstl: 5649 2929 408
P4180	<i>INPP5E</i>	LP04371	pOT2	3114	FBgn0036273	<i>INPP5B</i>	ENSG00000204084	Pstl: 5649 3523 1269 408

P4181	CG31694	LP04564	pOT2	2477	FBgn0051694	IFRD2	ENSG00000214706	Pstl: 5649 2305 1850 408
P4182	CG10877	LP04613	pOT2	1629	FBgn0038804	SUGCT	ENSG00000175600	Pstl: 5649 3307 408
P4183	CG7881	LP04804	pOT2	2082	FBgn0033048	SLC17A4	ENSG00000146039	Pstl: 5649 2678 1082 408
P4184	CG5347	LP05025	pOT2	1245	FBgn0030578	MKRN1	ENSG00000133606	Pstl: 5649 2923 408
P4185	CG9822	LP05143	pOT2	870	FBgn0034623	PI15	ENSG00000137558	Pstl: 5649 2548 408
P4186	CG14717	LP05266	pOT2	1128	FBgn0265271	DERL1	ENSG00000136986	Pstl: 5649 2628 408 178
P4187	Rrp1	LP05366	pOT2	2657	FBgn0004584	APEX1	ENSG00000100823	Pstl: 5649 2428 753 513 454 408 99 49 39
P4188	CAH13	LP05719	pOT2	2021	FBgn0033542	CA5B	ENSG00000169239	Pstl: 5649 3699 408
P4189	pyd	LP05923	pOT2	4187	FBgn0262614	TJP3	ENSG00000105289	Pstl: 5649 2457 801 704 654 408 400 354 270 225
P4190	CG2070	LP06328	pOT2	1109	FBgn0033203	RDH12	ENSG00000139988	Pstl: 5649 2787 408
P4191	Cyp4d1	LP06368	pOT2	1612	FBgn0005670	CYP4F3	ENSG00000186529	Pstl: 5649 2281 1009 408
P4192	PGRP-LC	LP06704	pOT2	2037	FBgn0035976	PGLYRP4	ENSG00000163218	Pstl: 5649 2060 1123 532 408
P4193	LysS	LP06719	pOT2	501	FBgn0004430	LYZ	ENSG00000090382	Pstl: 5649 1638 541 408
P4194	Trf4-2	LP06848	pOT2	1555	FBgn0039251	PAPD7	ENSG00000112941	Pstl: 5649 2221 1012 408
P4195	CG6788	LP06940	pOT2	1167	FBgn0030880	ANGPTL2	ENSG00000136859	Pstl: 5649 2455 408 390
P4196	CG1139	LP06969	pOT2	1600	FBgn0035300	SLC36A1	ENSG00000123643	Pstl: 5649 3278 408
P4197	CG30043	LP07082	pOT2	3080	FBgn0050043	ERMP1	ENSG00000099219	Pstl: 5649 3075 1683 408
P4198	CG1792	LP07209	pOT2	1324	FBgn0039860	ATMIN	ENSG00000166454	Pstl: 5649 2555 408 396 51
P4199	MFS12	LP07366	pOT2	1830	FBgn0033234	SLC17A4	ENSG00000146039	Pstl: 5649 2457 1051 408
P4200	CG17819	LP07781	pOT2	664	FBgn0038915	ARL13A	ENSG00000174225	Pstl: 5649 2342 408
P4201	CG9014	LP07794	pOT2	1379	FBgn0028847	RNF41	ENSG00000181852	Pstl: 5649 3057 408
P4202	Aprt	LP07986	pOT2	777	FBgn0000109	APRT	ENSG00000198931	Pstl: 5649 2455 408
P4203	Gal	LP09580	pOT2	2328	FBgn0001089	GLB1L	ENSG00000163521	Pstl: 5649 1796 1072 663 408 394 81
P4204	Tsp29Fb	LP09584	pOT2	1141	FBgn0032075	TSPAN9	ENSG00000011105	Pstl: 5649 1841 978 408
P4205	wat	LP09631	pOT2	2326	FBgn0039620	FAR1	ENSG00000197601	Pstl: 5649 3681 408 323
P4206	LysX	LP09906	pOT2	582	FBgn0004431	LYZ	ENSG00000090382	Pstl: 5649 1713 547 408
P4207	skpF	LP10147	pOT2	710	FBgn0034863	SKP1	ENSG00000113558	Pstl: 5649 2388 408
P4208	galla-1	LP10549	pOT2	1006	FBgn0034543	FAM96A	ENSG00000166797	Pstl: 5649 2073 611 408
P4209	CG4025	LP10820	pOT2	1242	FBgn0025624	DRAM1	ENSG00000136048	Pstl: 5649 2443 477 408
P4210	Alp7	LP10938	pOT2	1715	FBgn0034710	ALPP	ENSG00000163283	Pstl: 5649 2674 719 408
P4211	Mst98Cb	LP10995	pOT2	1066	FBgn0004171	LHX3	ENSG00000107187	Pstl: 5649 2744 408
P4212	CG6041	LP11750	pOT2	1098	FBgn0029826	TMPRSS11D	ENSG00000153802	Pstl: 5649 1999 570 408 207
P4213	Alp8	LP12003	pOT2	1765	FBgn0034712	ALPP	ENSG00000163283	Pstl: 5649 3443 408
P4214	Pebp1	LP12095	pOT2	608	FBgn0038973	ZNF302	ENSG00000089335	Pstl: 5649 2286 408
P4215	CG17119	LP12305	pOT2	1496	FBgn0039045	CTNS	ENSG00000040531	Pstl: 5649 1784 895 408 248 247
P4216	AspRS-m	SD02215	pOT2	3897	FBgn0051739	DARS2	ENSG00000117593	Pstl: 5649 5575 408
P4217	Seipin	SD04409	pOT2	1716	FBgn0040336	BSCL2	ENSG00000168000	Pstl: 5649 3394 408
P4218	Tsp42Ed	SD10395	pOT2	1016	FBgn0029507	TSPAN9	ENSG00000011105	Pstl: 5649 1936 594 408 164
P4219	Vps45	SD10846	pOT2	2018	FBgn0261049	VPS45	ENSG00000136631	Pstl: 5649 2390 1306 408
P4220	Arc2	SD11637	pOT2	900	FBgn0033928	OARD1	ENSG00000124596	Pstl: 5649 2034 544 408
P4221	Spn55B	SD11922	pOT2	1357	FBgn0028983	SERPINA7	ENSG00000123561	Pstl: 5649 1711 1324 408
P4222	Rib1	SD13613	pOT2	1435	FBgn0014022	SRFBP1	ENSG00000151304	Pstl: 5649 2726 408 387
P4223	CG4098	SD14666	pOT2	1049	FBgn0036648	TRPM1	ENSG00000134160	Pstl: 5649 2727 408
P4224	mRpS16	SD15809	pOT2	540	FBgn0033907	MRPS16	ENSG00000182180	Pstl: 5649 1751 467 408
P4225	GC1	SD15982	pOT2	1452	FBgn0260743	SLC25A12	ENSG00000115840	Pstl: 5649 2057 1073 408
P4226	CG7484	SD16138	pOT2	663	FBgn0036745	SELENOF	ENSG00000183291	Pstl: 5649 1818 523 408
P4227	CG7632	SD17025	pOT2	1465	FBgn0037071	SERHL2	ENSG00000183569	Pstl: 5649 1915 1018 408 156 54
P4228	CG12341	SD17342	pOT2	1145	FBgn0033550	TMEM170A	ENSG00000166822	Pstl: 5649 2823 408

P4229	<i>RpS8</i>	SD17528	pOT2	2645	FBgn0039713	<i>RPS8</i>	ENSG00000142937	Pstl: 5649 3129 810 408 384
P4230	<i>Rpt6R</i>	SD17676	pOT2	1434	FBgn0039788	<i>PSMC5</i>	ENSG00000087191	Pstl: 5649 2652 460 408
P4231	<i>CG30010</i>	SD18306	pOT2	722	FBgn0050010	<i>C8orf82</i>	ENSG00000213563	Pstl: 5649 2400 408
P4232	<i>CG5569</i>	SD18780	pOT2	727	FBgn0034919	<i>NDUFAF3</i>	ENSG00000178057	Pstl: 5649 2405 408
P4233	<i>Pngl</i>	SD19435	pOT2	2275	FBgn0033050	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 3090 677 408 186
P4234	<i>CG5380</i>	SD19581	pOT2	1043	FBgn0038951	<i>POLR3F</i>	ENSG00000132664	Pstl: 5649 2429 408 292
P4235	<i>CG6428</i>	SD20009	pOT2	2641	FBgn0029689	<i>ASPG</i>	ENSG00000166183	Pstl: 5649 1969 1907 443 408
P4236	<i>CG14544</i>	SD21096	pOT2	1049	FBgn0039407	<i>TRMT61A</i>	ENSG00000166166	Pstl: 5649 1772 955 408
P4237	<i>CG9784</i>	SD21513	pOT2	1963	FBgn0030761	<i>INPP5B</i>	ENSG00000204084	Pstl: 5649 2461 547 507 408 126
P4238	<i>Aats-ser</i>	SD21818	pOT2	1482	FBgn0021750	<i>SARS</i>	ENSG00000031698	Pstl: 5649 2118 535 507 408
P4239	<i>CG14194</i>	SD22372	pOT2	1946	FBgn0030996	<i>TMEM185B</i>	ENSG00000226479	Pstl: 5649 2341 556 472 408 255
P4240	<i>RpS19b</i>	SD22440	pOT2	668	FBgn0039129	<i>RPS19</i>	ENSG00000105372	Pstl: 5649 2346 408
P4241	<i>CG16989</i>	SD22791	pOT2	3206	FBgn0025621	<i>HEATR6</i>	ENSG00000068097	Pstl: 5649 1652 810 762 525 513 408 293 283 33 13
P4242	<i>Roc1a</i>	SD23839	pOT2	1181	FBgn0025638	<i>ANAPC11</i>	ENSG00000141552	Pstl: 5649 2859 408
P4243	<i>Arpc3B</i>	SD24339	pOT2	697	FBgn0065032	<i>ARPC3</i>	ENSG00000111229	Pstl: 5649 1757 618 408
P4244	<i>Arc42</i>	SD24551	pOT2	1425	FBgn0038742	<i>ACADSB</i>	ENSG00000196177	Pstl: 5649 2720 408 383
P4245	<i>cv</i>	SD27025	pOT2	1923	FBgn0000394	<i>TWSG1</i>	ENSG00000128791	Pstl: 5649 2630 971 408
P4246	<i>l(3)87Df</i>	SD27354	pOT2	545	FBgn0002354	<i>COX20</i>	ENSG00000203667	Pstl: 5649 1817 408 406
P4247	<i>CngB</i>	GH25102	pOT2	3358	FBgn0266346	<i>CNGB3</i>	ENSG00000170289	Pstl: 5649 1950 1925 1161 408
P4248	<i>Ubc87F</i>	GH25305	pOT2	647	FBgn0267383	<i>UBE2R2</i>	ENSG00000107341	Pstl: 5649 2325 408
P4249	<i>CG5946</i>	GH26062	pOT2	1910	FBgn0036211	<i>SUOX</i>	ENSG00000139531	Pstl: 5649 3588 408
P4250	<i>NC2alpha</i>	GH27814	pOT2	1423	FBgn0034650	<i>DRAP1</i>	ENSG00000175550	Pstl: 5649 3101 408
P4251	<i>Ubp64E</i>	LD26783	pOT2	5006	FBgn0016756	<i>USP47</i>	ENSG00000170242	Supplemental Table S1.
P4252	<i>cbx</i>	LD32963	pOT2	1055	FBgn0011241	<i>AKTIP</i>	ENSG00000166971	Pstl: 5649 2733 408
P4253	<i>Lam</i>	LD38055	pOT2	3120	FBgn0002525	<i>LMNB1</i>	ENSG00000113368	Pstl: 5649 1875 1170 702 630 421 408
P4254	<i>CG32425</i>	LD41948	pOT2	2856	FBgn0052425	<i>C2CD3</i>	ENSG00000168014	Pstl: 5649 3230 570 515 408 180 39
P4255	<i>CG16896</i>	LD44910	pOT2	3294	FBgn0035073	<i>TBC1D31</i>	ENSG00000156787	Pstl: 5649 1802 998 921 791 460 408
P4256	<i>grass</i>	LP02963	pOT2	1390	FBgn0039494	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1838 633 519 408 78
P4257	<i>rap</i>	GH07620	pOT2	3232	FBgn0262699	<i>FZR1</i>	ENSG00000105325	Pstl: 5649 3578 1332 408
P4258	<i>Hsp60B</i>	GH15356	pOT2	3351	FBgn0011244	<i>HSPD1</i>	ENSG00000144381	Pstl: 5649 2494 1281 1227 408 27
P4259	<i>Spn77Bc</i>	GH21475	pOT2	1450	FBgn0036970	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 3128 408
P4260	<i>CG7694</i>	LP11469	pOT2	640	FBgn0038627	<i>RNF181</i>	ENSG00000168894	Pstl: 5649 2318 408
P4261	<i>Snx16</i>	SD19533	pOT2	1670	FBgn0034265	<i>SNX16</i>	ENSG00000104497	Pstl: 5649 2050 1136 408 162
P4262	<i>Tango1</i>	GH02877	pOT2	4524	FBgn0031842	<i>CTAGE4</i>	ENSG00000225932	Pstl: 5649 2463 1206 918 595 408 204 198 183 144 135 84 54 18
P4263	<i>CG3036</i>	GH05102	pOT2	2306	FBgn0031645	<i>SLC17A4</i>	ENSG00000146039	Pstl: 5649 2050 1934 408
P4264	<i>eIF4H2</i>	GH07080	pOT2	1876	FBgn0039797	<i>CNBP</i>	ENSG00000169714	Pstl: 5649 3554 408
P4265	<i>yellow-d</i>	GH10609	pOT2	1857	FBgn0041712	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 1962 823 466 408 156 128
P4266	<i>mxt</i>	GH11071	pOT2	2347	FBgn0031637	<i>KLHDC3</i>	ENSG00000124702	Pstl: 5649 1611 922 741 563 408 182 6
P4267	<i>fws</i>	LD24842	pOT2	2451	FBgn0024689	<i>COG5</i>	ENSG00000164597	Pstl: 5649 1851 1200 408 372 358 291 57
P4268	<i>stau</i>	LP08764	pOT2	3188	FBgn0003520	<i>STAU1</i>	ENSG00000124214	Pstl: 5649 2626 975 728 501 408 36
P4269	<i>Nup133</i>	LP09464	pOT2	3839	FBgn0039004	<i>NUP133</i>	ENSG00000069248	Pstl: 5649 2554 1409 884 408 338 332
P4270	<i>Tim10</i>	LD46744	pOT2	679	FBgn0027360	<i>TIMM10</i>	ENSG00000134809	Pstl: 5649 1914 443 408
P4271	<i>CG6115</i>	GH16758	pOT2	721	FBgn0040985	<i>ETFRF1</i>	ENSG00000205707	Pstl: 5649 2399 408
P4272	<i>CG4210</i>	SD13446	pOT2	733	FBgn0038302	<i>SATL1</i>	ENSG00000184788	Pstl: 5649 2097 408 314
P4273	<i>RpS27</i>	LD37859	pOT2	733	FBgn0039300	<i>RPS27</i>	ENSG00000177954	Pstl: 5649 2411 408
P4274	<i>CG17333</i>	LP23088	pOT2	807	FBgn0030239	<i>PGLS</i>	ENSG00000130313	Pstl: 5649 1859 626 408
P4275	<i>VhaM9.7-c</i>	LD21410	pOT2	823	FBgn0028664	<i>ATP6VOE1</i>	ENSG00000113732	Pstl: 5649 2501 408
P4276	<i>Cyt-c-d</i>	LP05614	pOT2	879	FBgn0086907	<i>CYCS</i>	ENSG00000172115	Pstl: 5649 2107 450 408

P4277	<i>Syx8</i>	LP02760	pOT2	940	FBgn0036643	<i>STX8</i>	ENSG00000170310	Pstl: 5649 2618 408
P4278	<i>CG4858</i>	LP21185	pOT2	947	FBgn0037011	<i>NUBP1</i>	ENSG00000103274	Pstl: 5649 2625 408
P4279	<i>Pmm2</i>	SD26153	pOT2	981	FBgn0036300	<i>PMM2</i>	ENSG00000140650	Pstl: 5649 2659 408
P4280	<i>CG3306</i>	GH11578	pOT2	1042	FBgn0036016	<i>MORN5</i>	ENSG00000185681	Pstl: 5649 1831 889 408
P4281	<i>Nup37</i>	SD22926	pOT2	1097	FBgn0039301	<i>NUP37</i>	ENSG00000075188	Pstl: 5649 2129 408 392 254
P4282	<i>Tpi</i>	GH10864	pOT2	1211	FBgn0086355	<i>TP11</i>	ENSG00000111669	Pstl: 5649 2889 408
P4283	<i>CG33331</i>	SD17447	pOT2	1270	FBgn0067628	<i>TAMM41</i>	ENSG00000144559	Pstl: 5649 1808 1140 408
P4284	<i>CG4415</i>	GH09281	pOT2	1282	FBgn0031296	<i>NACAD</i>	ENSG00000136274	Pstl: 5649 2960 408
P4285	<i>CG13784</i>	SD10385	pOT2	1323	FBgn0031897	<i>PQLC1</i>	ENSG00000122490	Pstl: 5649 2651 408 350
P4286	<i>CG32187</i>	LP08122	pOT2	1358	FBgn0052187	<i>HARBI1</i>	ENSG00000180423	Pstl: 5649 1637 811 588 408
P4287	<i>bc10</i>	LD43519	pOT2	1367	FBgn0040239	<i>BLCAP</i>	ENSG00000166619	Pstl: 5649 2550 495 408
P4288	<i>EndoGl</i>	SD16985	pOT2	1390	FBgn0028515	<i>XRCC5</i>	ENSG00000079246	Pstl: 5649 1965 641 462 408
P4289	<i>CG17010</i>	GH13257	pOT2	1404	FBgn0032424	<i>RBKS</i>	ENSG00000171174	Pstl: 5649 3082 408
P4290	<i>alien</i>	SD08021	pOT2	1486	FBgn0013746	<i>COPS2</i>	ENSG00000166200	Pstl: 5649 1639 727 723 408 75
P4291	<i>Ost48</i>	LD21941	pOT2	1508	FBgn0014868	<i>DDOST</i>	ENSG00000244038	Pstl: 5649 1567 717 552 408 350
P4292	<i>l-2</i>	LD47783	pOT2	1542	FBgn0028429	<i>PPP1R2</i>	ENSG00000184203	Pstl: 5649 3220 408
P4293	<i>CG16758</i>	GH04180	pOT2	1556	FBgn0035348	<i>PNP</i>	ENSG00000198805	verified by sequencing
P4294	<i>CG33722</i>	GH28815	pOT2	1565	FBgn0064126	<i>ASPSCR1</i>	ENSG00000169696	Pstl: 5649 3243 408
P4295	<i>Vps16B</i>	SD23896	pOT2	1577	FBgn0039702	<i>VIPAS39</i>	ENSG00000151445	Pstl: 5649 1972 504 410 408 369
P4296	<i>Spec2</i>	LD24607	pOT2	1716	FBgn0044823	<i>CDC42SE2</i>	ENSG00000158985	Pstl: 5649 2764 630 408
P4297	<i>RtcB</i>	SD15934	pOT2	1742	FBgn0032781	<i>RTCB</i>	ENSG00000100220	Pstl: 5649 3420 408
P4298	<i>d4</i>	LD29238	pOT2	1766	FBgn0033015	<i>DPF1</i>	ENSG00000011332	Pstl: 5649 1845 1174 425 408
P4299	<i>betaggt-l</i>	SD20823	pOT2	1781	FBgn0015000	<i>PGGT1B</i>	ENSG00000164219	Pstl: 5649 2202 1257 408
P4300	<i>Art3</i>	SD23052	pOT2	1814	FBgn0038306	<i>PRMT8</i>	ENSG00000111218	Pstl: 5649 2672 820 408
P4301	<i>Syx5</i>	SD07852	pOT2	1861	FBgn0011708	<i>STX5</i>	ENSG00000162236	Pstl: 5649 2336 948 408 255
P4302	<i>Hrb87F</i>	LD32727	pOT2	1880	FBgn0004237	<i>HNRNPD</i>	ENSG00000138668	Pstl: 5649 1892 1666 408
P4303	<i>CG33156</i>	SD09038	pOT2	2028	FBgn0053156	<i>NADK</i>	ENSG00000008130	Pstl: 5649 1897 577 559 415 408 258
P4304	<i>Cyp4c3</i>	GH05994	pOT2	2037	FBgn0015032	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 2613 1102 408
P4305	<i>Csat</i>	SD16302	pOT2	2061	FBgn0024994	<i>SLC35A2</i>	ENSG00000102100	Pstl: 5649 2390 470 466 408 278 135
P4306	<i>Tret1-1</i>	LP03341	pOT2	2093	FBgn0050035	<i>ACRV1</i>	ENSG00000134940	Pstl: 5649 3771 408
P4307	<i>CG7888</i>	GH09436	pOT2	2132	FBgn0036116	<i>SLC36A1</i>	ENSG00000123643	Pstl: 5649 3810 408
P4308	<i>Gdi</i>	LP03430	pOT2	2338	FBgn0004868	<i>GDI1</i>	ENSG00000203879	Pstl: 5649 3328 688 408
P4309	<i>Hsp70Bb</i>	LP05203	pOT2	2350	FBgn0013278	<i>NCKAP1L</i>	ENSG00000123338	Pstl: 5649 2607 1092 408 221 108
P4310	<i>z</i>	SD07933	pOT2	2428	FBgn0004050	<i>MSANTD3</i>	ENSG00000066697	Pstl: 5649 4106 408
P4311	<i>ey</i>	GH01157	pOT2	2891	FBgn0005558	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2185 1387 997 408
P4312	<i>Fas2</i>	GH15080	pOT2	2901	FBgn0000635	<i>NCAM2</i>	ENSG00000154654	Pstl: 5649 3972 607 408
P4313	<i>LKR</i>	SD02276	pOT2	3294	FBgn0025687	<i>AASS</i>	ENSG00000008311	Pstl: 5649 3057 1915 408
P4314	<i>shi</i>	LD21622	pOT2	3375	FBgn0003392	<i>DNM2</i>	ENSG00000079805	Pstl: 5649 5053 408
P4315	<i>pum</i>	SD07661	pOT2	3509	FBgn0003165	<i>PUM2</i>	ENSG00000055917	Pstl: 5649 2994 931 567 408 404 180 111
P4316	<i>DUBAI</i>	LD36231	pOT2	3519	FBgn0033738	<i>USP35</i>	ENSG00000118369	Supplemental Table S1.
P4317	<i>Fs(2)Ket</i>	SD08803	pOT2	3611	FBgn0262743	<i>KPNB1</i>	ENSG00000108424	Pstl: 5649 2593 1278 787 408 388 126 117
P4318	<i>Nat1</i>	SD09860	pOT2	3715	FBgn0031020	<i>NAA15</i>	ENSG00000164134	Pstl: 5649 2363 966 813 471 408 330 273 93 84
P4319	<i>Nc73EF</i>	SD10782	pOT2	3747	FBgn0010352	<i>OGDH</i>	ENSG00000105953	Pstl: 5649 3094 1976 408 355
P4320	<i>CG8777</i>	LP07472	pOT2	3765	FBgn0033376	<i>TTC37</i>	ENSG00000198677	Pstl: 5649 4756 687 408
P4321	<i>Clamp</i>	SD16766	pOT2	3870	FBgn0032979	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2299 835 794 748 672 408 200
P4322	<i>stc</i>	LD22726	pOT2	4067	FBgn0001978	<i>NFX1</i>	ENSG00000086102	Pstl: 5649 3975 969 543 408 258
P4323	<i>Oamb</i>	GH10322	pOT2	4081	FBgn0024944	<i>ADRB1</i>	ENSG00000043591	Pstl: 5649 2885 2512 408 362
P4324	<i>CG9279</i>	GH09006	pOT2	4304	FBgn0036882	<i>DCTN1</i>	ENSG00000204843	Pstl: 5649 1862 1501 1353 792 474 408

P4325	<i>Kif3C</i>	GH04118	pOT2	4396	FBgn0039925	<i>KIF3A</i>	ENSG00000131437	Pstl: 5649 5245 829 408
P4326	<i>Pi3K92E</i>	SD05105	pOT2	4407	FBgn0015279	<i>PIK3CA</i>	ENSG00000121879	Pstl: 5649 3313 1530 1242 408
P4327	<i>mtRNAPol</i>	LD36213	pOT2	4495	FBgn0261938	<i>POLRMT</i>	ENSG00000099821	Pstl: 5649 3429 2455 408 289
P4328	<i>CG1815</i>	GH01331	pOT2	5887	FBgn0039863	<i>ZMYND11</i>	ENSG00000015171	Pstl: 5649 3525 1569 1342 712 408 266 151
P4329	<i>Rbp9</i>	GH26440	pOT2	6988	FBgn0010263	<i>ELAVL4</i>	ENSG00000162374	Pstl: 5649 3146 2919 1262 418 408 373 287 227 28 6
P4330	<i>maf-S</i>	GH02096	pOT2	704	FBgn0034534	<i>MAFB</i>	ENSG00000204103	Pstl: 5649 1771 611 408
P4331	<i>Ppt2</i>	GH02317	pOT2	1256	FBgn0032358	<i>PPT2</i>	ENSG00000221988	Pstl: 5649 2934 408
P4332	<i>CG31683</i>	GH02384	pOT2	1820	FBgn0051683	<i>PLA2G15</i>	ENSG00000103066	Pstl: 5649 1887 1611 408
P4333	<i>chico</i>	GH02661	pOT2	3216	FBgn0024248	<i>IRS2</i>	ENSG00000185950	Pstl: 5649 3036 1170 688 408
P4334	<i>CG6758</i>	GH02866	pOT2	2411	FBgn0034704	<i>FBXO42</i>	ENSG00000037637	Pstl: 5649 2332 1262 495 408
P4335	<i>Pkc53E</i>	GH03188	pOT2	2688	FBgn0003091	<i>PRKCA</i>	ENSG00000154229	Pstl: 5649 4366 408
P4336	<i>RpL28</i>	GH04183	pOT2	1586	FBgn0035422	<i>RPL28</i>	ENSG00000108107	Pstl: 5649 2705 559 408
P4337	<i>Fs</i>	GH04473	pOT2	3565	FBgn0259878	<i>FSTL3</i>	ENSG00000070404	Pstl: 5649 2300 1905 734 408 304
P4338	<i>cype</i>	GH04604	pOT2	401	FBgn0015031	<i>COX6C</i>	ENSG00000164919	Pstl: 5649 2079 408
P4339	<i>Dcp1</i>	GH04763	pOT2	1216	FBgn0034921	<i>DCP1A</i>	ENSG00000272886	Pstl: 5649 2438 456 408
P4340	<i>CG7582</i>	GH04784	pOT2	2292	FBgn0039681	<i>TMEM86B</i>	ENSG00000180089	Pstl: 5649 2105 1865 408
P4341	<i>ry</i>	GH05219	pOT2	4334	FBgn0003308	<i>AOX1</i>	ENSG00000138356	Pstl: 5649 3948 2064 408
P4342	<i>CG5783</i>	GH05617	pOT2	971	FBgn0032670	<i>GLYATL1</i>	ENSG00000166840	Pstl: 5649 2649 408
P4343	<i>synj</i>	GH06496	pOT2	4401	FBgn0034691	<i>SYNJ2</i>	ENSG00000078269	Pstl: 5649 1995 1483 1131 655 461 408 354
P4344	<i>Pgk</i>	GH07208	pOT2	2515	FBgn0250906	<i>PGK2</i>	ENSG00000170950	Pstl: 5649 2279 1914 408
P4345	<i>GABA-B-R2</i>	GH07312	pOT2	3989	FBgn0027575	<i>GABBR2</i>	ENSG00000136928	Pstl: 5649 2702 2569 408 351 45
P4346	<i>Mgat2</i>	GH07804	pOT2	3314	FBgn0039738	<i>MGAT2</i>	ENSG00000168282	Pstl: 5649 3780 1212 408
P4347	<i>mRpS22</i>	GH07821	pOT2	1367	FBgn0039555	<i>MRPS22</i>	ENSG00000175110	Pstl: 5649 2723 408 322
P4348	<i>Lsd-1</i>	GH10767	pOT2	1424	FBgn0039114	<i>PLIN3</i>	ENSG00000105355	verified by sequencing
P4349	<i>Eaat2</i>	GH09856	pOT2	3142	FBgn0026438	<i>SLC1A3</i>	ENSG00000079215	Pstl: 5649 2438 2382 408
P4350	<i>TBC1D5</i>	GH10459	pOT2	3535	FBgn0038129	<i>TBC1D5</i>	ENSG00000131374	Pstl: 5649 4310 903 408
P4351	<i>PGRP-LA</i>	GH10945	pOT2	1595	FBgn0035975	<i>PGLYRP4</i>	ENSG00000163218	Pstl: 5649 3273 408
P4352	<i>Bace</i>	GH11417	pOT2	1209	FBgn0032049	<i>REN</i>	ENSG00000143839	Pstl: 5649 2887 408
P4353	<i>CG7183</i>	GH11784	pOT2	2385	FBgn0038583	<i>CCDC174</i>	ENSG00000154781	Pstl: 5649 4063 408
P4354	<i>Wdr81</i>	GH12955	pOT2	6466	FBgn0032395	<i>WDR81</i>	ENSG00000167716	Pstl: 5649 2868 2141 1227 1101 573 408 129 54 51
P4355	<i>P5CDh2</i>	GH13449	pOT2	2391	FBgn0053092	<i>ALDH4A1</i>	ENSG00000159423	Pstl: 5649 4069 408
P4356	<i>hoe1</i>	GH14147	pOT2	3522	FBgn0041150	<i>OCA2</i>	ENSG00000104044	Pstl: 5649 2096 1316 948 801 408 39
P4357	<i>KLHL18</i>	GH14381	pOT2	2185	FBgn0037978	<i>KLHL4</i>	ENSG00000102271	Pstl: 5649 2758 962 408 143
P4358	<i>HisCl1</i>	GH14445	pOT2	1685	FBgn0037950	<i>GABRR3</i>	ENSG00000183185	Pstl: 5649 3363 408
P4359	<i>toy</i>	GH14454	pOT2	2277	FBgn0019650	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 3955 408
P4360	<i>CG32333</i>	GH14903	pOT2	1107	FBgn0052333	<i>FAM135B</i>	ENSG00000147724	Pstl: 5649 1763 893 408 129
P4361	<i>NC2beta</i>	GH16072	pOT2	718	FBgn0028926	<i>DR1</i>	ENSG00000117505	Pstl: 5649 2396 408
P4362	<i>CG17660</i>	GH17801	pOT2	2335	FBgn0031356	<i>TMEM87A</i>	ENSG00000103978	Pstl: 5649 3513 473 408 27
P4363	<i>beta'Cop</i>	GH18655	pOT2	3075	FBgn0025724	<i>COPB2</i>	ENSG00000184432	Pstl: 5649 2724 2029 408
P4364	<i>CG2082</i>	GH19206	pOT2	2277	FBgn0027608	<i>NDRG1</i>	ENSG00000104419	Pstl: 5649 3955 408
P4365	<i>CG12822</i>	GH21247	pOT2	1489	FBgn0033229	<i>TRMO</i>	ENSG00000136932	Pstl: 5649 1913 840 408 369 45
P4366	<i>CG6652</i>	GH21622	pOT2	2113	FBgn0036687	<i>LCA5</i>	ENSG00000135338	Pstl: 5649 3109 682 408
P4367	<i>parvin</i>	GH23568	pOT2	1836	FBgn0052528	<i>PARVA</i>	ENSG00000197702	Pstl: 5649 2967 547 408
P4368	<i>CG3857</i>	GH24078	pOT2	2327	FBgn0023520	<i>SMG9</i>	ENSG00000105771	Pstl: 5649 3018 493 408 300 133 61
P4369	<i>CG10222</i>	GH25024	pOT2	1107	FBgn0036356	<i>GPN3</i>	ENSG00000111231	Pstl: 5649 2785 408
P4370	<i>CG42540</i>	GH25458	pOT2	3853	FBgn0260657	<i>STOM</i>	ENSG00000148175	Pstl: 5649 2964 2567 408
P4371	<i>PKD</i>	GH26429	pOT2	3785	FBgn0038603	<i>PRKD3</i>	ENSG00000115825	Pstl: 5649 2102 1640 939 558 408 167 57
P4372	<i>Pdp1</i>	GH27708	pOT2	3095	FBgn0016694	<i>HLF</i>	ENSG00000108924	Pstl: 5649 2931 1023 408 353 235 174 51 6

P4373	CG12159	GH27834	pOT2	868	FBgn0033232	FAM174A	ENSG00000174132	Pstl: 5649 2253 408 293
P4374	CG4630	GH27944	pOT2	2118	FBgn0033809	SLC22A10	ENSG00000184999	Pstl: 5649 3796 408
P4375	Mccc1	GM14617	pOT2	2397	FBgn0039877	MCCC1	ENSG00000078070	Pstl: 5649 2894 1181 408
P4376	CG10418	GM14851	pOT2	456	FBgn0036277	LSM2	ENSG00000204392	Pstl: 5649 2134 408
P4377	CG10147	IP01005	pOT2	1792	FBgn0035702	ZNF563	ENSG00000188868	Pstl: 5649 2094 1376 408
P4378	bsh	IP01040	pOT2	2019	FBgn0000529	BSX	ENSG00000188909	Pstl: 5649 2262 1435 408
P4379	fd102C	IP01059	pOT2	2320	FBgn0039937	FOXN1	ENSG00000109101	Pstl: 5649 3998 408
P4380	CG4461	IP01061	pOT2	862	FBgn0035982	HSPB8	ENSG00000152137	Pstl: 5649 2540 408
P4382	dar1	IP01101	pOT2	3021	FBgn0263239	SP3	ENSG00000172845	Pstl: 5649 2716 1481 408 303 169 30
P4383	til	IP01133	pOT2	1942	FBgn0003720	NR2E3	ENSG00000278570	Pstl: 5649 3168 452 408
P4384	e(y)2	IP01143	pOT2	468	FBgn0000618	ENY2	ENSG00000120533	Pstl: 5649 1833 408 313
P4385	dmrt99B	IP01169	pOT2	2343	FBgn0039683	DMRT2	ENSG00000173253	Pstl: 5649 3547 474 408
P4386	Vsx2	IP01192	pOT2	2383	FBgn0263512	VSX2	ENSG00000119614	Pstl: 5649 1958 1722 408 381
P4387	CG17186	IP01220	pOT2	1433	FBgn0038741	ZNF385A	ENSG00000161642	Pstl: 5649 3111 408
P4388	CG17195	IP01224	pOT2	942	FBgn0039369	ZDHHC24	ENSG00000174165	Pstl: 5649 1939 408 390 291
P4389	CG17198	IP01235	pOT2	1060	FBgn0039366	ZDHHC24	ENSG00000174165	Pstl: 5649 2738 408
P4390	CG17287	IP01239	pOT2	1801	FBgn0034202	ZDHHC2	ENSG00000104219	Pstl: 5649 3479 408
P4391	CG17328	IP01243	pOT2	1480	FBgn0028895	ZNF563	ENSG00000188868	Pstl: 5649 3158 408
P4392	CG17385	IP01247	pOT2	1192	FBgn0033934	ZNF563	ENSG00000188868	Pstl: 5649 2310 560 408
P4393	CG17568	IP01252	pOT2	1856	FBgn0032763	ZNF563	ENSG00000188868	Pstl: 5649 3534 408
P4394	CG17803	IP01257	pOT2	2038	FBgn0038547	ZNF563	ENSG00000188868	Pstl: 5649 2416 1300 408
P4395	ftz	IP01266	pOT2	1758	FBgn0001077	HHEX	ENSG00000152804	Pstl: 5649 3436 408
P4396	HLLH3B	IP01280	pOT2	1434	FBgn0011276	LYL1	ENSG00000104903	Pstl: 5649 2714 408 398
P4397	CG30431	IP01295	pOT2	1847	FBgn0050431	ZNF563	ENSG00000188868	Pstl: 5649 3525 408
P4398	Opbp	IP01303	pOT2	1801	FBgn0050443	ZNF563	ENSG00000188868	Pstl: 5649 3479 408
P4399	HLLH4C	IP01307	pOT2	1456	FBgn0011277	NHLH2	ENSG00000177551	Pstl: 5649 3134 408
P4400	Tgs1	IP01327	pOT2	2053	FBgn0266195	TGS1	ENSG00000137574	Pstl: 5649 1911 1820 408
P4401	sens	IP01345	pOT2	2461	FBgn0002573	ZNF563	ENSG00000188868	Pstl: 5649 4139 408
P4402	debcl	IP01389	pOT2	1743	FBgn0029131	BOK	ENSG00000176720	Pstl: 5649 1810 1611 408
P4403	hbn	IP01393	pOT2	1790	FBgn0008636	HHEX	ENSG00000152804	Pstl: 5649 2086 1250 408 132
P4404	Cdk7	IP01401	pOT2	1457	FBgn0263237	CDK7	ENSG00000134058	Pstl: 5649 1889 534 408 400 312
P4405	CG4956	IP01459	pOT2	1057	FBgn0039370	ZDHHC24	ENSG00000174165	Pstl: 5649 2735 408
P4406	B-H2	IP01479	pOT2	3034	FBgn0004854	BARHL2	ENSG00000143032	Pstl: 5649 2873 926 543 408 316 54
P4407	Her	IP01491	pOT2	631	FBgn0030899	HES6	ENSG00000144485	Pstl: 5649 2309 408
P4408	OdsH	IP01524	pOT2	1310	FBgn0026058	ALX4	ENSG00000052850	Pstl: 5649 2076 912 408
P4409	Sox21a	IP01552	pOT2	2992	FBgn0036411	SOX7	ENSG00000171056	Pstl: 5649 3598 1072 408
P4410	Poxn	IP01592	pOT2	2468	FBgn0003130	HHEX	ENSG00000152804	Pstl: 5649 2727 1295 408 124
P4411	mdelta	IP01594	pOT2	1017	FBgn0002734	HES6	ENSG00000144485	Pstl: 5649 2695 408
P4412	CG8089	IP01633	pOT2	2019	FBgn0033993	ATMIN	ENSG00000166454	Pstl: 5649 1738 766 644 468 408 81
P4413	rob122E	IP01737	pOT2	465	FBgn0028570	DYNLRB1	ENSG00000125971	Pstl: 5649 2143 408
P4414	ORMDL	IP01962	pOT2	671	FBgn0037110	ORMDL2	ENSG00000123353	Pstl: 5649 2349 408
P4415	Rpb7	IP02321	pOT2	732	FBgn0051155	POLR2G	ENSG00000168002	Pstl: 5649 2410 408
P4416	MED7	IP02353	pOT2	924	FBgn0051390	MED7	ENSG00000155868	Pstl: 5649 2602 408
P4417	mRpS14	IP02458	pOT2	506	FBgn0044030	MRPS14	ENSG00000120333	Pstl: 5649 1926 408 258
P4418	Hsp67Bc	IP02523	pOT2	993	FBgn0001229	HSPB8	ENSG00000152137	Pstl: 5649 2487 408 184
P4419	Ser8	IP02554	pOT2	856	FBgn0019928	TMPRSS11D	ENSG00000153802	Pstl: 5649 2222 408 312
P4420	Ssb-c31a	IP02710	pOT2	525	FBgn0015299	SUB1	ENSG00000113387	Pstl: 5649 2203 408
P4421	Lip3	IP02721	pOT2	1417	FBgn0023495	LIPA	ENSG00000107798	Pstl: 5649 3095 408

P4422	<i>skpB</i>	IP02725	pOT2	650	FBgn0026176	<i>SKP1</i>	ENSG00000113558	Pstl: 5649 2328 408
P4423	<i>mRpS18C</i>	IP02765	pOT2	548	FBgn0039765	<i>MRPS18C</i>	ENSG00000163319	Pstl: 5649 1668 558 408
P4424	<i>fzo</i>	IP02808	pOT2	2312	FBgn0011596	<i>MFN1</i>	ENSG00000171109	Pstl: 5649 3262 408 402 326
P4425	<i>Acbp1</i>	IP02950	pOT2	479	FBgn0031992	<i>METTL23</i>	ENSG00000181038	Pstl: 5649 2157 408
P4426	<i>CG7637</i>	IP03042	pOT2	317	FBgn0033548	<i>NOP10</i>	ENSG00000182117	Pstl: 5649 1995 408
P4427	<i>Amnionless</i>	IP03221	pOT2	1699	FBgn0025686	<i>AMN</i>	ENSG00000166126	Pstl: 5649 2319 1058 408
P4428	<i>e(y)2b</i>	IP03279	pOT2	577	FBgn0040670	<i>ENY2</i>	ENSG00000120533	Pstl: 5649 2255 408
P4429	<i>CG13018</i>	IP03340	pOT2	390	FBgn0040751	<i>COA5</i>	ENSG00000183513	Pstl: 5649 2068 408
P4430	<i>Sf3b5</i>	IP03424	pOT2	327	FBgn0040534	<i>SF3B5</i>	ENSG00000169976	Pstl: 5649 1619 408 386
P4431	<i>CG14483</i>	IP03474	pOT2	472	FBgn0034248	<i>PET100</i>	ENSG00000229833	Pstl: 5649 1785 408 365
P4432	<i>CG14701</i>	IP03582	pOT2	507	FBgn0037883	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 2185 408
P4433	<i>CG15127</i>	IP03601	pOT2	625	FBgn0040730	<i>PLAC8</i>	ENSG00000145287	Pstl: 5649 2303 408
P4434	<i>PH4alphaSG1</i>	IP03659	pOT2	1704	FBgn0051014	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 1985 819 578 408
P4435	<i>CG31704</i>	IP03664	pOT2	302	FBgn0051704	<i>SPINK2</i>	ENSG00000128040	Pstl: 5649 1980 408
P4436	<i>CG32069</i>	IP03767	pOT2	376	FBgn0052069	<i>IER3IP1</i>	ENSG00000134049	Pstl: 5649 2054 408
P4437	<i>ubl</i>	IP03783	pOT2	435	FBgn0022224	<i>UBL5</i>	ENSG00000198258	Pstl: 5649 2113 408
P4438	<i>CG3513</i>	IP03784	pOT2	1003	FBgn0031559	<i>APLP2</i>	ENSG00000084234	Pstl: 5649 2681 408
P4439	<i>CG11755</i>	IP04007	pOT2	724	FBgn0037611	<i>CDPF1</i>	ENSG00000205643	Pstl: 5649 1878 524 408
P4440	<i>CG13473</i>	IP04051	pOT2	593	FBgn0036442	<i>DNAJC24</i>	ENSG00000170946	Pstl: 5649 2271 408
P4441	<i>CG11159</i>	IP04203	pOT2	672	FBgn0034539	<i>LYZ</i>	ENSG00000090382	Pstl: 5649 2350 408
P4442	<i>CG13838</i>	IP04268	pOT2	437	FBgn0039041	<i>C9orf16</i>	ENSG00000171159	Pstl: 5649 1860 408 255
P4443	<i>blos2</i>	IP04283	pOT2	664	FBgn0036118	<i>BLOC1S2</i>	ENSG00000196072	Pstl: 5649 2342 408
P4444	<i>CG15019</i>	IP04417	pOT2	680	FBgn0035541	<i>LLPH</i>	ENSG00000139233	Pstl: 5649 2358 408
P4445	<i>l(2)35Cc</i>	IP04426	pOT2	1002	FBgn0259982	<i>UXT</i>	ENSG00000126756	Pstl: 5649 2680 408
P4446	<i>CG15908</i>	IP04450	pOT2	554	FBgn0033085	<i>C22orf39</i>	ENSG00000242259	Pstl: 5649 2232 408
P4447	<i>CG17625</i>	IP04461	pOT2	577	FBgn0039002	<i>SAMSN1</i>	ENSG00000155307	Pstl: 5649 2255 408
P4448	<i>CG14628</i>	IP04504	pOT2	509	FBgn0040365	<i>NCOA5</i>	ENSG00000124160	Pstl: 5649 2187 408
P4449	<i>CG16986</i>	IP04554	pOT2	664	FBgn0035356	<i>ACOT13</i>	ENSG00000112304	Pstl: 5649 2342 408
P4450	<i>CG14671</i>	IP04606	pOT2	583	FBgn0037340	<i>CCDC115</i>	ENSG00000136710	Pstl: 5649 1683 578 408
P4451	<i>CG31807</i>	IP04788	pOT2	730	FBgn0051807	<i>RFWD3</i>	ENSG00000168411	Pstl: 5649 2408 408
P4452	<i>LSm1</i>	IP04848	pOT2	558	FBgn0261067	<i>LSM8</i>	ENSG00000128534	Pstl: 5649 2236 408
P4453	<i>Vha16-2</i>	IP04903	pOT2	612	FBgn0028668	<i>ATP6VOC</i>	ENSG00000185883	Pstl: 5649 2035 408 255
P4454	<i>ATPsynGL</i>	IP04957	pOT2	531	FBgn0031941	<i>ATP5L2</i>	ENSG00000249222	Pstl: 5649 2209 408
P4455	<i>CG10822</i>	IP05203	pOT2	485	FBgn0034478	<i>DYNLRB1</i>	ENSG00000125971	Pstl: 5649 2163 408
P4456	<i>CG10674</i>	IP05301	pOT2	495	FBgn0035592	<i>WDR83OS</i>	ENSG00000105583	Pstl: 5649 2173 408
P4457	<i>CG10834</i>	IP05304	pOT2	437	FBgn0032972	<i>DYNLRB1</i>	ENSG00000125971	Pstl: 5649 2115 408
P4458	<i>CG13426</i>	IP05558	pOT2	453	FBgn0034510	<i>SEC61G</i>	ENSG00000132432	Pstl: 5649 2131 408
P4459	<i>CG17048</i>	IP05667	pOT2	579	FBgn0033828	<i>RNF170</i>	ENSG00000120925	Pstl: 5649 2257 408
P4460	<i>UQCR-14L</i>	IP05674	pOT2	440	FBgn0039576	<i>UQCRB</i>	ENSG00000156467	Pstl: 5649 2118 408
P4461	<i>CG2021</i>	IP05684	pOT2	413	FBgn0035271	<i>LSM8</i>	ENSG00000128534	Pstl: 5649 2091 408
P4462	<i>COX6AL</i>	IP05686	pOT2	542	FBgn0050093	<i>COX6A2</i>	ENSG00000156885	Pstl: 5649 2220 408
P4463	<i>UQCR-11L</i>	IP05690	pOT2	397	FBgn0050354	<i>UQCRH</i>	ENSG00000173660	Pstl: 5649 2075 408
P4464	<i>ND-B8</i>	IP05750	pOT2	440	FBgn0040705	<i>NDUFA2</i>	ENSG00000131495	Pstl: 5649 2118 408
P4465	<i>HP6</i>	IP05759	pOT2	484	FBgn0031613	<i>CBX5</i>	ENSG00000094916	Pstl: 5649 2162 408
P4466	<i>CG31126</i>	IP05796	pOT2	546	FBgn0051126	<i>BOLA1</i>	ENSG00000178096	Pstl: 5649 2224 408
P4467	<i>CG15369</i>	IP05946	pOT2	422	FBgn0030105	<i>CST11</i>	ENSG00000125831	Pstl: 5649 2100 408
P4468	<i>Pdrg1</i>	IP05962	pOT2	550	FBgn0033467	<i>PDRG1</i>	ENSG00000088356	Pstl: 5649 2228 408
P4469	<i>IFT20</i>	IP05993	pOT2	427	FBgn0050441	<i>IFT20</i>	ENSG00000109083	Pstl: 5649 2105 408

P4470	CG10839	IP06404	pOT2	650	FBgn0028858	DNAL1	ENSG00000119661	Pstl: 5649 2328 408
P4471	ATPsynCF6L	IP06415	pOT2	656	FBgn0035585	ATP5J	ENSG00000154723	Pstl: 5649 1591 743 408
P4472	Npc2d	IP06425	pOT2	682	FBgn0037782	NPC2	ENSG00000119655	Pstl: 5649 2360 408
P4473	CG13663	IP06461	pOT2	819	FBgn0039291	SAYSD1	ENSG00000112167	Pstl: 5649 2497 408
P4474	CG14286	IP06581	pOT2	760	FBgn0038673	C8orf33	ENSG00000182307	Pstl: 5649 2438 408
P4475	CG11110	IP06605	pOT2	740	FBgn0034535	IMMP2L	ENSG00000184903	Pstl: 5649 1945 473 408
P4476	Dpy-30L2	IP06710	pOT2	552	FBgn0035491	DPY30	ENSG00000162961	Pstl: 5649 1821 409 408
P4477	CG12231	IP06716	pOT2	731	FBgn0031026	DES2	ENSG00000121644	Pstl: 5649 2409 408
P4478	CG42299	IP07325	pOT2	698	FBgn0259195	NSMCE2	ENSG00000156831	Pstl: 5649 2376 408
P4479	CG14757	IP07694	pOT2	740	FBgn0033274	SDHAF2	ENSG00000167985	Pstl: 5649 2418 408
P4480	CG32313	IP08413	pOT2	759	FBgn0052313	PI15	ENSG00000137558	Pstl: 5649 2437 408
P4481	CG10348	IP08802	pOT2	2054	FBgn0032707	MECOM	ENSG00000085276	Pstl: 5649 2323 639 545 408 225
P4482	CG7368	IP08855	pOT2	2849	FBgn0036179	ZNF563	ENSG00000188868	Pstl: 5649 3266 904 408 270 87
P4483	HLHmgamma	IP08862	pOT2	958	FBgn0002735	HES6	ENSG00000144485	Pstl: 5649 2636 408
P4484	CG8117	IP09061	pOT2	789	FBgn0030663	TCEA2	ENSG00000171703	Pstl: 5649 1843 624 408
P4485	CG10469	IP09309	pOT2	919	FBgn0035678	KLK9	ENSG00000213022	Pstl: 5649 2167 430 408
P4486	CG11192	IP09417	pOT2	962	FBgn0034507	KLK9	ENSG00000213022	Pstl: 5649 2103 537 408
P4487	antr	IP09869	pOT2	908	FBgn0050488	PI15	ENSG00000137558	Pstl: 5649 1722 437 427 408
P4488	FRG1	IP10050	pOT2	923	FBgn0036964	FRG1BP	ENSG00000149531	Pstl: 5649 2601 408
P4489	Pex12	IP10117	pOT2	1057	FBgn0031282	PEX12	ENSG00000108733	Pstl: 5649 1924 412 408 399
P4490	CG4074	IP10134	pOT2	1023	FBgn0037017	DSCR3	ENSG00000157538	Pstl: 5649 1622 439 408 358 282
P4491	CG7550	IP10160	pOT2	919	FBgn0035839	ADO	ENSG00000181915	Pstl: 5649 2216 408 381
P4492	CG9722	IP10175	pOT2	936	FBgn0038209	TMBIM1	ENSG00000135926	Pstl: 5649 1921 408 361 332
P4493	CG13609	IP10662	pOT2	1770	FBgn0039170	MED25	ENSG00000104973	Pstl: 5649 2419 1029 408
P4494	CG13690	IP10665	pOT2	1230	FBgn0031252	RNASEH2A	ENSG00000104889	Pstl: 5649 2908 408
P4495	CG10909	IP10714	pOT2	1210	FBgn0038090	FBL	ENSG00000105202	Pstl: 5649 2888 408
P4496	CG14020	IP10776	pOT2	1170	FBgn0031707	TMEM231	ENSG00000205084	Pstl: 5649 2120 563 408 105 60
P4497	CG18547	IP11040	pOT2	1150	FBgn0037973	SRM	ENSG00000116649	Pstl: 5649 2828 408
P4498	Tengl4	IP11331	pOT2	1427	FBgn0037857	EXOG	ENSG00000157036	Pstl: 5649 3105 408
P4499	Art6	IP11481	pOT2	1119	FBgn0038189	PRMT8	ENSG00000111218	Pstl: 5649 2797 408
P4500	CG9962	IP11482	pOT2	1169	FBgn0031441	CSNK1D	ENSG00000141551	Pstl: 5649 2847 408
P4501	CSN1a	IP11532	pOT2	1321	FBgn0028838	GPS1	ENSG00000169727	Pstl: 5649 2999 408
P4502	CG9308	IP11573	pOT2	864	FBgn0034681	TMED7	ENSG00000134970	Pstl: 5649 2542 408
P4503	Pyroxd1	IP11710	pOT2	1516	FBgn0032846	PYROXD1	ENSG00000121350	Pstl: 5649 2612 582 408
P4504	CG14694	IP11787	pOT2	1672	FBgn0037845	SLC19A3	ENSG00000135917	Pstl: 5649 2031 864 455 408
P4505	polyph	IP11938	pOT2	1562	FBgn0033572	SLC36A1	ENSG00000123643	Pstl: 5649 2947 408 293
P4506	Ugt49C1	IP12019	pOT2	1809	FBgn0034605	UGT1A9	ENSG00000241119	Pstl: 5649 2234 1253 408
P4507	CG18301	IP12249	pOT2	1433	FBgn0032265	LIPA	ENSG00000107798	Pstl: 5649 2259 852 408
P4508	CG31104	IP12282	pOT2	1402	FBgn0051104	BRINP1	ENSG00000078725	Pstl: 5649 2743 408 337
P4509	alpha-Man-1c	IP12384	pOT2	1706	FBgn0051202	MAN1C1	ENSG00000117643	Pstl: 5649 3384 408
P4510	CG31436	IP12392	pOT2	1374	FBgn0051436	BRINP1	ENSG00000078725	Pstl: 5649 1880 1172 408
P4512	CG42269	IP12458	pOT2	1788	FBgn0259164	SLC22A10	ENSG00000184999	Pstl: 5649 2305 1161 408
P4513	Mst27D	IP12509	pOT2	1495	FBgn0051907	MAPRE2	ENSG00000166974	Pstl: 5649 3173 408
P4514	CG31776	IP13282	pOT2	1984	FBgn0051776	GALNT3	ENSG00000115339	Pstl: 5649 3662 408
P4515	NimC2	IP13337	pOT2	2339	FBgn0028939	TNC	ENSG00000041982	Pstl: 5649 2678 1159 408 180
P4516	Dnai2	IP13643	pOT2	1893	FBgn0036195	WDR34	ENSG00000119333	Pstl: 5649 2083 1488 408
P4517	Mes4	IP14609	pOT2	743	FBgn0034726	POLE4	ENSG00000115350	Pstl: 5649 2421 408
P4518	CG7839	IP14658	pOT2	3714	FBgn0036124	CEBPZ	ENSG00000115816	Pstl: 5649 2297 1451 915 729 408

P4519	<i>unpg</i>	IP14723	pOT2	1912	FBgn0015561	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2337 1071 408 182
P4520	<i>ssx</i>	LD21345	pOT2	3052	FBgn0024987	<i>RBMS1</i>	ENSG00000153250	Pstl: 5649 4730 408
P4521	<i>Trn-SR</i>	LD21546	pOT2	3280	FBgn0031456	<i>TNPO3</i>	ENSG00000064419	Pstl: 5649 2994 1760 408 204
P4522	<i>Cdc5</i>	LD21614	pOT2	3185	FBgn0265574	<i>CDC5L</i>	ENSG00000096401	Pstl: 5649 2557 2306 408
P4523	<i>CG2875</i>	LD21615	pOT2	1681	FBgn0029672	<i>NOC4L</i>	ENSG00000184967	Pstl: 5649 1874 1206 408 279
P4524	<i>sw</i>	LD22777	pOT2	2572	FBgn0003654	<i>WDR34</i>	ENSG00000119333	Pstl: 5649 2465 993 792 408
P4525	<i>Nnp-1</i>	LD23193	pOT2	2836	FBgn0022069	<i>RRP1</i>	ENSG00000160214	Pstl: 5649 3017 631 539 408 252 75
P4526	<i>Ate1</i>	LD23642	pOT2	1613	FBgn0025720	<i>ATE1</i>	ENSG00000107669	Pstl: 5649 1819 754 418 408 300
P4527	<i>ena</i>	LD23655	pOT2	2883	FBgn0000578	<i>ENAH</i>	ENSG00000154380	Pstl: 5649 2509 1350 702 408
P4528	<i>GlcAT-P</i>	LD23788	pOT2	2171	FBgn0036144	<i>B3GAT3</i>	ENSG00000149541	Pstl: 5649 3849 408
P4529	<i>Start1</i>	LD23890	pOT2	2343	FBgn0035028	<i>STAR</i>	ENSG00000147465	Pstl: 5649 4021 408
P4530	<i>ctp</i>	LD24056	pOT2	1477	FBgn0011760	<i>DYNLL2</i>	ENSG00000264364	Pstl: 5649 2106 1049 408
P4531	<i>PI4KIIalpha</i>	LD24833	pOT2	3086	FBgn0037339	<i>PI4K2B</i>	ENSG00000038210	Pstl: 5649 2966 1474 408 324
P4532	<i>fs(1)h</i>	LD26482	pOT2	5042	FBgn0004656	<i>BRDT</i>	ENSG00000137948	Pstl: 5649 2478 1599 1497 634 512 408
P4533	<i>CG3662</i>	LD27268	pOT2	1669	FBgn0031285	<i>ITM2C</i>	ENSG00000135916	Pstl: 5649 3347 408
P4534	<i>CG8079</i>	LD27413	pOT2	2131	FBgn0034002	<i>AGGF1</i>	ENSG00000164252	Pstl: 5649 2230 1278 408 301
P4535	<i>Ac3</i>	LD27878	pOT2	1870	FBgn0023416	<i>ADCY8</i>	ENSG00000155897	Pstl: 5649 1757 1059 732 408
P4536	<i>CG4806</i>	LD27920	pOT2	2095	FBgn0260456	<i>RBM28</i>	ENSG00000106344	Pstl: 5649 3773 408
P4537	<i>CG1965</i>	LD29489	pOT2	3121	FBgn0037466	<i>PAXBP1</i>	ENSG00000159086	Pstl: 5649 4799 408
P4538	<i>Rexo5</i>	LD29573	pOT2	2504	FBgn0035707	<i>REXO1</i>	ENSG00000079313	Pstl: 5649 2245 1711 408 226
P4539	<i>Hcf</i>	LD29768	pOT2	5326	FBgn0039904	<i>HCFC2</i>	ENSG00000111727	Pstl: 5649 3155 2085 908 832 408 24
P4540	<i>inv</i>	LD31887	pOT2	2172	FBgn0001269	<i>EN2</i>	ENSG00000164778	Pstl: 5649 1851 1327 597 408 66 9
P4541	<i>Su(dx)</i>	LD32282	pOT2	3715	FBgn0003557	<i>ITCH</i>	ENSG00000078747	Pstl: 5649 2270 909 905 579 519 408 138 39 34
P4542	<i>CG11975</i>	LD32381	pOT2	1419	FBgn0037648	<i>WDR45</i>	ENSG00000196998	Pstl: 5649 3097 408
P4543	<i>SMC2</i>	LD32453	pOT2	3644	FBgn0027783	<i>SMC2</i>	ENSG00000136824	Pstl: 5649 2667 2655 408
P4544	<i>Rnb</i>	LD33331	pOT2	3141	FBgn0039696	<i>ARMC5</i>	ENSG00000140691	Pstl: 5649 2031 1254 1156 408 378
P4545	<i>CG3744</i>	LD33755	pOT2	3740	FBgn0039240	<i>DPP9</i>	ENSG00000142002	Pstl: 5649 3102 1254 573 408 267 222
P4546	<i>E2f</i>	LD35741	pOT2	3141	FBgn0011766	<i>E2F5</i>	ENSG00000133740	Pstl: 5649 1914 1242 1051 414 408 198
P4547	<i>retn</i>	LD35748	pOT2	3416	FBgn0004795	<i>ARID3A</i>	ENSG00000116017	Pstl: 5649 2783 1867 408 294 150
P4548	<i>pros</i>	LD37627	pOT2	5530	FBgn0004595	<i>PROX2</i>	ENSG00000119608	Pstl: 5649 2555 1910 829 756 669 408 163 152 102 72
P4549	<i>Ocri</i>	LD39196	pOT2	3686	FBgn0023508	<i>INPP5B</i>	ENSG00000204084	Pstl: 5649 1916 1500 1365 408 264 243 76
P4550	<i>Pitslre</i>	LD39519	pOT2	3270	FBgn0016696	<i>CDK13</i>	ENSG00000065883	Pstl: 5649 2168 2050 730 408
P4551	<i>Nup160</i>	LD39963	pOT2	4394	FBgn0262647	<i>NUP160</i>	ENSG00000030066	Pstl: 5649 1648 1269 1008 971 643 476 408 57
P4552	<i>CG9727</i>	LD40317	pOT2	4566	FBgn0037445	<i>RFX7</i>	ENSG00000181827	Pstl: 5649 2404 1651 859 705 586 408 39
P4553	<i>CG11309</i>	LD40450	pOT2	1633	FBgn0037070	<i>SERHL2</i>	ENSG00000183569	Pstl: 5649 3311 408
P4554	<i>CG16868</i>	LD40485	pOT2	5177	FBgn0034498	<i>CACHD1</i>	ENSG00000158966	Pstl: 5649 4376 1899 580 408
P4555	<i>Rassf</i>	LD40758	pOT2	3456	FBgn0039055	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 3749 1385 408
P4556	<i>Rab3-GAP</i>	LD40982	pOT2	4339	FBgn0027505	<i>RAB3GAP2</i>	ENSG00000118873	Pstl: 5649 1841 1128 950 825 607 579 408 57 30
P4557	<i>CG6227</i>	LD41277	pOT2	4041	FBgn0030631	<i>DDX42</i>	ENSG00000198231	Pstl: 5649 3007 1816 607 408 154 135
P4558	<i>dalao</i>	LD41296	pOT2	2672	FBgn0030093	<i>SMARCE1</i>	ENSG00000073584	Pstl: 5649 2606 1059 474 408 211
P4559	<i>CG3309</i>	LD41638	pOT2	2649	FBgn0029756	<i>DENND6A</i>	ENSG00000174839	Pstl: 5649 1867 1682 556 408 195 15 12
P4560	<i>CG8765</i>	LD41913	pOT2	3078	FBgn0036900	<i>MSANTD2</i>	ENSG00000120458	Pstl: 5649 3883 521 408 276 76
P4561	<i>Xbp1</i>	LD42070	pOT2	2083	FBgn0021872	<i>CREB3L1</i>	ENSG00000157613	Pstl: 5649 2791 795 408 175
P4562	<i>grp</i>	LD42896	pOT2	2561	FBgn0261278	<i>CHEK1</i>	ENSG00000149554	Pstl: 5649 2441 1340 408 248 210
P4563	<i>CG2790</i>	LD43587	pOT2	1750	FBgn0027599	<i>DNAJC21</i>	ENSG00000168724	Pstl: 5649 3428 408
P4564	<i>lin</i>	LD43682	pOT2	3604	FBgn0002552	<i>LINS1</i>	ENSG00000140471	Pstl: 5649 2213 1272 804 756 408 219 18
P4565	<i>spt4</i>	LD44495	pOT2	2316	FBgn0028683	<i>SUPT4H1</i>	ENSG00000213246	Pstl: 5649 3994 408
P4566	<i>CG1677</i>	LD45662	pOT2	4060	FBgn0029941	<i>ZC3H18</i>	ENSG00000158545	Pstl: 5738 5649 408

P4567	<i>Ing5</i>	LD46333	pOT2	1031	FBgn0032516	<i>ING3</i>	ENSG00000071243	Pstl: 5649 2709 408
P4568	<i>Naa60</i>	LD46538	pOT2	2278	FBgn0036039	<i>NAA60</i>	ENSG00000122390	Pstl: 5649 3956 408
P4569	<i>Tango6</i>	LD46555	pOT2	2858	FBgn0032728	<i>TANGO6</i>	ENSG00000103047	Pstl: 5649 3432 1104 408
P4570	<i>Ctf4</i>	LD47422	pOT2	2931	FBgn0033890	<i>WDHD1</i>	ENSG00000198554	Pstl: 5649 2290 1196 800 408 323
P4571	<i>Dad</i>	LD47465	pOT2	3614	FBgn0020493	<i>SMAD7</i>	ENSG00000101665	Pstl: 5649 2747 1216 1026 408 303
P4572	<i>CG9799</i>	LD47749	pOT2	2948	FBgn0038146	<i>WDR36</i>	ENSG00000134987	Pstl: 5649 1850 1741 1035 408
P4573	<i>betaTry</i>	LP01708	pOT2	831	FBgn0010357	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 2112 408 298 75 24
P4574	<i>Egm</i>	LP02372	pOT2	2038	FBgn0086712	<i>ACADSB</i>	ENSG00000196177	Pstl: 5649 3716 408
P4575	<i>egr</i>	LP03784	pOT2	2133	FBgn0033483	<i>TNFSF13B</i>	ENSG00000102524	Pstl: 5649 1983 1828 408
P4576	<i>nkd</i>	LP04418	pOT2	5037	FBgn0002945	<i>NKD1</i>	ENSG00000140807	Pstl: 5649 3120 1034 840 469 451 443 408 292 60 6
P4577	<i>Gs2</i>	LP04559	pOT2	1968	FBgn0001145	<i>GLUL</i>	ENSG00000135821	verified by sequencing
P4578	<i>mid</i>	LP04777	pOT2	2145	FBgn0261963	<i>TBX6</i>	ENSG00000149922	Pstl: 5649 3174 468 408 181
P4579	<i>Cp1</i>	LP06554	pOT2	1514	FBgn0013770	<i>CTSW</i>	ENSG00000172543	Pstl: 5649 3192 408
P4580	<i>CG9596</i>	LP06762	pOT2	1435	FBgn0031832	<i>TRMT6</i>	ENSG00000089195	Pstl: 5649 3113 408
P4581	<i>CG5355</i>	LP07359	pOT2	2398	FBgn0032242	<i>PREP</i>	ENSG00000085377	Pstl: 5649 4076 408
P4582	<i>CG32669</i>	LP07514	pOT2	2423	FBgn0052669	<i>SLC5A6</i>	ENSG00000138074	Pstl: 5649 2561 1540 408
P4583	<i>CG31198</i>	LP07754	pOT2	3022	FBgn0051198	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2142 1607 951 408
P4584	<i>CG8036</i>	LP07963	pOT2	2239	FBgn0037607	<i>TKT</i>	ENSG00000163931	Pstl: 5649 2305 926 686 408
P4585	<i>CG17593</i>	LP08963	pOT2	1718	FBgn0031544	<i>CCDC47</i>	ENSG00000108588	Pstl: 5649 3396 408
P4586	<i>CG33490</i>	LP11159	pOT2	1763	FBgn0053490	<i>EFHB</i>	ENSG00000163576	Pstl: 5649 3179 408 262
P4587	<i>Mal-A5</i>	LP11544	pOT2	2036	FBgn0050359	<i>SLC3A1</i>	ENSG00000138079	Pstl: 5649 1714 1046 564 408 264 96 30
P4588	<i>CG31638</i>	LP11564	pOT2	3169	FBgn0051638	<i>CCDC102B</i>	ENSG00000150636	Pstl: 5649 2539 1203 762 408 312 31
P4589	<i>fbl</i>	LP11571	pOT2	1917	FBgn0011205	<i>PANK2</i>	ENSG00000125779	Pstl: 5649 2003 1592 408
P4590	<i>Est-P</i>	LP12708	pOT2	1761	FBgn0000594	<i>CES2</i>	ENSG00000172831	Pstl: 5649 2664 775 408
P4591	<i>sad</i>	LP13573	pOT2	1758	FBgn0003312	<i>CYP2C9</i>	ENSG00000138109	Pstl: 5649 3436 408
P4592	<i>Hsp67Ba</i>	LP13637	pOT2	1755	FBgn0001227	<i>HSPB8</i>	ENSG00000152137	Pstl: 5649 1878 1555 408
P4593	<i>CG7966</i>	LP16180	pOT2	1554	FBgn0038115	<i>SELENBP1</i>	ENSG00000143416	Pstl: 5649 1855 1377 408
P4594	<i>AP-1-2beta</i>	LP17054	pOT2	3231	FBgn0010380	<i>AP2B1</i>	ENSG00000006125	Pstl: 5649 2049 2000 695 408 165
P4595	<i>CG3108</i>	LP17541	pOT2	3574	FBgn0029807	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 2662 1835 566 408 189
P4596	<i>CG13124</i>	LP20791	pOT2	2903	FBgn0032156	<i>CTIF</i>	ENSG00000134030	Pstl: 5649 4581 408
P4597	<i>Adk3</i>	LP23885	pOT2	1321	FBgn0042094	<i>CMPK1</i>	ENSG00000162368	Pstl: 5649 2999 408
P4598	<i>Unc-115a</i>	SD01878	pOT2	3288	FBgn0051352	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 3538 1310 408 118
P4599	<i>Rbcn-3B</i>	SD05962	pOT2	6049	FBgn0023510	<i>WDR7</i>	ENSG00000091157	Pstl: 5649 2916 1844 1173 1116 513 408 165
P4600	<i>Prx3</i>	SD08737	pOT2	1010	FBgn0038519	<i>PRDX3</i>	ENSG00000165672	Pstl: 5649 2688 408
P4601	<i>CG2924</i>	LD28546	pOT2	2700	FBgn0023528	<i>UBE2QL1</i>	ENSG00000215218	Pstl: 5649 4378 408
P4602	<i>D19B</i>	GH09076	pOT2	2759	FBgn0022699	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2506 1931 408
P4603	<i>pan</i>	GH23203	pOT2	3773	FBgn0085432	<i>LEF1</i>	ENSG00000138795	Pstl: 5649 5451 408
P4604	<i>CG12605</i>	LP01683	pOT2	2792	FBgn0035481	<i>SNAI1</i>	ENSG00000124216	Pstl: 5649 1656 1264 801 749 408
P4605	<i>Pph13</i>	FI01102	pOT2	1879	FBgn0023489	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2852 705 408
P4606	<i>scrt</i>	FI01106	pOT2	3639	FBgn0004880	<i>SNAI1</i>	ENSG00000124216	Pstl: 5649 2667 2271 408 282 97
P4607	<i>Rga</i>	FI01108	pOT2	2824	FBgn0017550	<i>CNOT2</i>	ENSG00000111596	Pstl: 5649 2415 1963 408 124
P4608	<i>Ada2a</i>	FI01109	pOT2	2146	FBgn0263738	<i>TADA2A</i>	ENSG00000276234	Pstl: 5649 3338 408 280 206
P4609	<i>C15</i>	FI01111	pOT2	1879	FBgn0004863	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 2765 606 408 186
P4610	<i>jing</i>	FI01114	pOT2	4821	FBgn0086655	<i>AEBP2</i>	ENSG00000139154	Pstl: 5649 1779 1550 1516 1202 452 408
P4611	<i>CG1603</i>	FI01116	pOT2	2128	FBgn0033185	<i>ATMIN</i>	ENSG00000166454	Pstl: 5649 3215 408 325 266
P4612	<i>CG11247</i>	FI01120	pOT2	2630	FBgn0037120	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2503 904 861 408 40
P4613	<i>Nedd8</i>	IP01714	pOT2	430	FBgn0032725	<i>RPS27A</i>	ENSG00000143947	Pstl: 5649 2108 408
P4614	<i>kappaTry</i>	IP01781	pOT2	937	FBgn0043471	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1996 619 408

P4615	<i>mRpS25</i>	IP01949	pOT2	639	FBgn0030572	<i>MRPS25</i>	ENSG00000131368	Pstl: 5649 2317 408
P4616	<i>desat2</i>	IP02593	pOT2	1375	FBgn0043043	<i>SCD5</i>	ENSG00000145284	Pstl: 5649 3053 408
P4617	<i>Lectin-galC1</i>	IP02782	pOT2	709	FBgn0016675	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2387 408
P4618	<i>CG11893</i>	IP11926	pOT2	2458	FBgn0039316	<i>BRINP1</i>	ENSG00000078725	Pstl: 5649 2114 2022 408
P4619	<i>Ugt303B1</i>	IP12025	pOT2	1788	FBgn0039086	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 2347 1017 408 102
P4620	<i>CG31091</i>	IP12381	pOT2	2168	FBgn0051091	<i>LIPA</i>	ENSG00000107798	Pstl: 5649 2913 933 408
P4621	<i>CG6034</i>	IP12451	pOT2	1744	FBgn0036750	<i>SMOX</i>	ENSG00000088826	Pstl: 5649 3422 408
P4622	<i>CG6574</i>	IP12456	pOT2	1993	FBgn0037846	<i>SLC19A3</i>	ENSG00000135917	Pstl: 5649 2368 1303 408
P4623	<i>CG8837</i>	IP12678	pOT2	1849	FBgn0031520	<i>SLC2A7</i>	ENSG00000197241	Pstl: 5649 3527 408
P4624	<i>CG9452</i>	IP12781	pOT2	1670	FBgn0036877	<i>ACP4</i>	ENSG00000142513	Pstl: 5649 3348 408
P4625	<i>CG13801</i>	IP12954	pOT2	2203	FBgn0035332	<i>OCA2</i>	ENSG00000104044	Pstl: 5649 3319 562 408
P4626	<i>Qsox4</i>	IP13472	pOT2	1800	FBgn0051413	<i>QSOX2</i>	ENSG00000165661	Pstl: 5649 3478 408
P4627	<i>LManI</i>	IP13633	pOT2	2964	FBgn0032253	<i>MAN2B1</i>	ENSG00000104774	Pstl: 5649 4642 408
P4628	<i>bin</i>	IP15253	pOT2	2410	FBgn0045759	<i>FOXN1</i>	ENSG00000109101	Pstl: 5649 2026 1206 856 408
P4629	<i>CG1637</i>	IP15509	pOT2	2122	FBgn0030245	<i>ACP7</i>	ENSG00000183760	Pstl: 5649 2567 1233 408
P4630	<i>Atg16</i>	IP15590	pOT2	2317	FBgn0039705	<i>ATG16L1</i>	ENSG00000085978	Pstl: 5649 3995 408
P4631	<i>CG3119</i>	IP15602	pOT2	1190	FBgn0031466	<i>C1GALT1</i>	ENSG00000106392	Pstl: 5649 2231 438 408 199
P4632	<i>Pten</i>	IP16020	pOT2	2565	FBgn0026379	<i>TPTE</i>	ENSG00000274391	Pstl: 5649 4243 408
P4633	<i>GstO2</i>	IP16242	pOT2	927	FBgn0035906	<i>GSTO1</i>	ENSG00000148834	Pstl: 5649 2186 419 408
P4634	<i>CG7276</i>	IP16258	pOT2	619	FBgn0036499	<i>TCTEX1D1</i>	ENSG00000152760	Pstl: 5649 2297 408
P4635	<i>CG31937</i>	IP05441	pOT2	1142	FBgn0031360	<i>CBR4</i>	ENSG00000145439	Pstl: 5649 1915 465 440 408
P4636	<i>l(2)37Cg</i>	IP05502	pOT2	423	FBgn0086447	<i>POLR1D</i>	ENSG00000186184	Pstl: 5649 2101 408
P4637	<i>CG11539</i>	IP06409	pOT2	770	FBgn0039859	<i>NAT9</i>	ENSG00000109065	Pstl: 5649 2448 408
P4638	<i>CG31957</i>	IP07317	pOT2	693	FBgn0051957	<i>EIF1AD</i>	ENSG00000175376	Pstl: 5649 2371 408
P4639	<i>CG4627</i>	IP07454	pOT2	959	FBgn0033808	<i>TMEM186</i>	ENSG00000184857	Pstl: 5649 2637 408
P4640	<i>henya</i>	IP08077	pOT2	833	FBgn0051053	<i>RNF212</i>	ENSG00000178222	Pstl: 5649 2511 408
P4641	<i>CG32590</i>	IP08424	pOT2	742	FBgn0052590	<i>BORCS8</i>	ENSG00000254901	Pstl: 5649 2420 408
P4642	<i>CG32708</i>	IP08630	pOT2	869	FBgn0052708	<i>ABT1</i>	ENSG00000146109	Pstl: 5649 2547 408
P4643	<i>Hmx</i>	IP08946	pOT2	2710	FBgn0264005	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 3424 856 408 108
P4644	<i>CG10584</i>	IP09210	pOT2	1165	FBgn0037045	<i>METTL22</i>	ENSG00000067365	Pstl: 5649 2843 408
P4645	<i>DCX-EMAP</i>	IP09257	pOT2	3568	FBgn0259099	<i>EML2</i>	ENSG00000125746	Pstl: 5649 2056 1877 638 408 363 171 141
P4646	<i>CG11529</i>	IP09419	pOT2	1267	FBgn0036264	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 5649 2945 408
P4647	<i>CG42319</i>	IP09837	pOT2	2047	FBgn0259219	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 3725 408
P4648	<i>CG5715</i>	IP10045	pOT2	1980	FBgn0039180	<i>ASTL</i>	ENSG00000188886	Pstl: 5649 1691 1594 408 373
P4649	<i>CG13075</i>	IP10546	pOT2	1235	FBgn0036563	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 2913 408
P4650	<i>CG14511</i>	IP10585	pOT2	1234	FBgn0039641	<i>SLC35B4</i>	ENSG00000205060	Pstl: 5649 2613 408 299
P4651	<i>Lgr4</i>	IP11226	pOT2	2992	FBgn0085440	<i>RXFP2</i>	ENSG00000133105	Pstl: 5649 2362 2308 408
P4652	<i>CG5611</i>	IP11341	pOT2	1130	FBgn0039531	<i>ECHDC3</i>	ENSG00000134463	Pstl: 5649 2069 437 408 230 72
P4653	<i>CG17928</i>	IP12339	pOT2	2297	FBgn0032603	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 3975 408
P4654	<i>TTL1B</i>	IP12417	pOT2	2056	FBgn0052238	<i>TTL19</i>	ENSG00000131044	Pstl: 5649 3734 408
P4655	<i>TyrRII</i>	IP13425	pOT2	2451	FBgn0038541	<i>ADRB1</i>	ENSG00000043591	Pstl: 5649 3301 828 408
P4656	<i>CG14535</i>	IP14231	pOT2	5623	FBgn0031955	<i>KIF26B</i>	ENSG00000162849	Pstl: 5649 3988 3313 408
P4657	<i>CG42327</i>	IP14232	pOT2	5587	FBgn0259227	<i>PTPRA</i>	ENSG00000132670	Pstl: 5649 5574 1190 501 408
P4658	<i>CG33096</i>	IP15857	pOT2	1584	FBgn0053096	<i>ABHD17A</i>	ENSG00000129968	Pstl: 5649 2773 489 408
P4659	<i>CG7882</i>	IP16073	pOT2	1691	FBgn0033047	<i>SLC2A7</i>	ENSG00000197241	Pstl: 5649 2592 777 408
P4660	<i>grh</i>	IP16310	pOT2	3683	FBgn0259211	<i>GRHL1</i>	ENSG00000134317	Pstl: 5649 3440 1565 408 356
P4661	<i>so</i>	FI01103	pOT2	2777	FBgn0003460	<i>SIX3</i>	ENSG00000138083	Pstl: 5649 1786 1341 710 591 408 27
P4662	<i>run</i>	FI01105	pOT2	2189	FBgn0003300	<i>RUNX1</i>	ENSG00000159216	Pstl: 5649 3095 722 408 50

P4663	<i>CG10462</i>	FI01119	pOT2	3151	FBgn0032815	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 4829 408
P4664	<i>Plzf</i>	FI01124	pOT2	2058	FBgn0032401	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 3524 408 212
P4665	<i>Taf4</i>	FI01125	pOT2	3745	FBgn0010280	<i>TAF4B</i>	ENSG00000141384	Pstl: 5649 2416 1912 1095 408
P4666	<i>RpL36A</i>	IP17351	pOT2	2247	FBgn0031980	<i>RPL36AL</i>	ENSG00000165502	Pstl: 5649 3925 408
P4667	<i>CG14185</i>	IP19827	pOT2	1414	FBgn0036936	<i>LRRC56</i>	ENSG00000161328	Pstl: 5649 2200 892 408
P4668	<i>p38c</i>	IP19857	pOT2	1201	FBgn0267339	<i>MAPK11</i>	ENSG00000185386	Pstl: 5649 2879 408
P4669	<i>CG31220</i>	IP19864	pOT2	1379	FBgn0051220	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2638 419 408
P4670	<i>pen-2</i>	IP19977	pOT2	561	FBgn0053198	<i>PSENFEN</i>	ENSG00000205155	Pstl: 5649 1725 514 408
P4671	<i>mRpL28</i>	IP19992	pOT2	1139	FBgn0031660	<i>MRPL28</i>	ENSG00000086504	Pstl: 5649 2032 785 408
P4672	<i>Prm</i>	FI03688	pOT2	3250	FBgn0003149	<i>MYH1</i>	ENSG00000109061	verified by sequencing
P4673	<i>CG34408</i>	FI03655	pOT2	5243	FBgn0085437	<i>RALGAPB</i>	ENSG00000170471	Pstl: 5649 2076 1602 1323 819 657 408 228 216
P4674	<i>Gpdh</i>	FI03663	pOT2	1655	FBgn0001128	<i>GPD1L</i>	ENSG00000152642	Pstl: 5649 2157 1176 408
P4675	<i>CG9855</i>	FI03672	pOT2	1552	FBgn0037242	<i>MARCH5</i>	ENSG00000198060	Pstl: 5649 1619 1271 408 340
P4676	<i>beta-Man</i>	FI03673	pOT2	2944	FBgn0037215	<i>MANBA</i>	ENSG00000109323	Pstl: 5649 1990 1757 875 408
P4677	<i>Ugt</i>	FI03674	pOT2	5315	FBgn0014075	<i>UGGT1</i>	ENSG00000136731	Pstl: 5649 3498 1677 886 767 408 149 16
P4678	<i>CG8128</i>	FI03680	pOT2	1532	FBgn0030668	<i>NUDT6</i>	ENSG00000170917	Pstl: 5649 3210 408
P4679	<i>Gk</i>	FI03690	pOT2	2323	FBgn0035266	<i>GK</i>	ENSG00000198814	Pstl: 5649 4001 408
P4680	<i>CG10561</i>	FI03691	pOT2	2070	FBgn0002036	<i>SMOX</i>	ENSG00000088826	Pstl: 5649 2450 1298 408
P4681	<i>SNF1A</i>	FI03728	pOT2	2714	FBgn0023169	<i>PRKAA1</i>	ENSG00000132356	Pstl: 5649 2352 1170 732 408 138
P4682	<i>mus308</i>	FI03732	pOT2	6437	FBgn0002905	<i>POLQ</i>	ENSG00000051341	Pstl: 5649 2176 1653 1404 983 717 693 408 384 54 51
P4683	<i>drpr</i>	FI03750	pOT2	3210	FBgn0027594	<i>MEGF11</i>	ENSG00000157890	Pstl: 5649 4888 408
P4684	<i>Tnks</i>	FI03751	pOT2	5482	FBgn0027508	<i>TNKS2</i>	ENSG00000107854	Pstl: 5649 2786 2221 1499 654 408
P4685	<i>Cnx99A</i>	FI03837	pOT2	2076	FBgn0015622	<i>CANX</i>	ENSG00000127022	Pstl: 5649 3754 408
P4686	<i>TrpRS-m</i>	FI03887	pOT2	2224	FBgn0036763	<i>WARS2</i>	ENSG00000116874	Pstl: 5649 3284 618 408
P4687	<i>L2HGDH</i>	FI05204	pOT2	1815	FBgn0032729	<i>L2HGDH</i>	ENSG00000087299	Pstl: 5649 1807 1516 408 170
P4688	<i>CG3808</i>	FI05218	pOT2	2535	FBgn0036838	<i>TRMT2A</i>	ENSG00000099899	Pstl: 5649 4213 408
P4689	<i>CG15814</i>	FI05221	pOT2	1905	FBgn0030873	<i>RNF175</i>	ENSG00000145428	Pstl: 5649 2770 447 408 366
P4690	<i>AdSL</i>	FI05222	pOT2	2313	FBgn0038467	<i>ADSL</i>	ENSG00000239900	Pstl: 5649 2732 1259 408
P4691	<i>Gtp-bp</i>	FI05231	pOT2	2064	FBgn0010391	<i>HIST2H3D</i>	ENSG00000183598	Pstl: 5649 3742 408
P4692	<i>CG31689</i>	FI05237	pOT2	2632	FBgn0031449	<i>ABCG5</i>	ENSG00000138075	Pstl: 5649 4310 408
P4693	<i>tbce</i>	FI05242	pOT2	2068	FBgn0033055	<i>TBCE</i>	ENSG00000116957	Pstl: 5649 1939 774 733 408 300
P4694	<i>defl</i>	FI05248	pOT2	3161	FBgn0036038	<i>INTS7</i>	ENSG00000143493	Pstl: 5649 2202 2022 507 408 108
P4695	<i>mbt</i>	FI05259	pOT2	3261	FBgn0025743	<i>TAOK2</i>	ENSG00000149930	Pstl: 5649 2532 1285 1050 408 72
P4696	<i>CG6729</i>	FI05277	pOT2	2969	FBgn0032296	<i>SMG8</i>	ENSG00000167447	Pstl: 5649 2097 1682 408 380 266 222
P4697	<i>Apc2</i>	FI05284	pOT2	3543	FBgn0026598	<i>APC</i>	ENSG00000134982	Pstl: 5649 2168 1901 1152 408
P4698	<i>boi</i>	FI05294	pOT2	4202	FBgn0040388	<i>CDON</i>	ENSG00000064309	Pstl: 5649 3636 1611 633 408
P4699	<i>l(3)72Dn</i>	FI05332	pOT2	2305	FBgn0263605	<i>UTP4</i>	ENSG00000141076	Pstl: 5649 2468 825 690 408
P4700	<i>CG6621</i>	FI05344	pOT2	3059	FBgn0037855	<i>TTC14</i>	ENSG00000163728	Pstl: 5649 2337 918 906 408 312 264
P4701	<i>elF-4E</i>	FI05365	pOT2	1718	FBgn0015218	<i>EIF4E</i>	ENSG00000151247	verified by sequencing
P4702	<i>bgm</i>	FI05443	pOT2	2507	FBgn0027348	<i>ACSBG2</i>	ENSG00000130377	verified by sequencing
P4703	<i>Sirt7</i>	FI05456	pOT2	3024	FBgn0039631	<i>SIRT6</i>	ENSG00000077463	Pstl: 5649 2945 1240 408
P4704	<i>lpk2</i>	FI05605	pOT2	1219	FBgn0031267	<i>IPMK</i>	ENSG00000151151	Pstl: 5649 1992 552 408 353
P4705	<i>CG7956</i>	FI05620	pOT2	3545	FBgn0038890	<i>SACM1L</i>	ENSG00000211456	Pstl: 5649 2684 1626 913 408
P4706	<i>Lsm11</i>	FI05704	pOT2	1093	FBgn0033450	<i>LSM11</i>	ENSG00000155858	Pstl: 5649 2771 408
P4707	<i>Eno</i>	FI05715	pOT2	2194	FBgn0000579	<i>ENO1</i>	ENSG00000074800	Pstl: 5649 3872 408
P4708	<i>Vps36</i>	FI05802	pOT2	1361	FBgn0086785	<i>VPS36</i>	ENSG00000136100	Pstl: 5649 3039 408
P4709	<i>CG10055</i>	FI05809	pOT2	2423	FBgn0037482	<i>SHQ1</i>	ENSG00000144736	Pstl: 5649 2546 1555 408
P4710	<i>CG6356</i>	FI05810	pOT2	2545	FBgn0039178	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3431 792 408

P4711	CG12717	FI06413	pOT2	2726	FBgn0030420	SENP6	ENSG00000112701	Pstl: 5649 4404 408
P4712	CG12929	FI06422	pOT2	525	FBgn0033429	TMEM234	ENSG00000160055	Pstl: 5649 2203 408
P4713	CG31730	FI06426	pOT2	600	FBgn0051730	NAA20	ENSG00000173418	Pstl: 5649 2278 408
P4714	CG32847	FI06431	pOT2	746	FBgn0052847	RNF5	ENSG00000204308	Pstl: 5649 2424 408
P4715	mRpL27	FI06434	pOT2	517	FBgn0053002	MRPL27	ENSG00000108826	Pstl: 5649 2195 408
P4716	tombay20	FI06444	pOT2	654	FBgn0037828	TOMM20	ENSG00000173726	verified by sequencing
P4717	mRpS18A	FI06460	pOT2	587	FBgn0051450	MRPS18A	ENSG00000096080	verified by sequencing
P4718	CG5390	FI06461	pOT2	1421	FBgn0032213	KLK9	ENSG00000213022	Pstl: 5649 3099 408
P4719	Naa80	FI06462	pOT2	1488	FBgn0037747	NAT6	ENSG00000243477	Pstl: 5649 2478 688 408
P4720	TppII	FI06467	pOT2	4609	FBgn0020370	TPP2	ENSG00000134900	verified by sequencing
P4721	CG3337	FI06469	pOT2	712	FBgn0038871	FAM173B	ENSG00000150756	Pstl: 5649 2390 408
P4722	Bro	FI06472	pOT2	728	FBgn0013755	CBFB	ENSG00000067955	Pstl: 5649 1742 454 408 210
P4723	CG8549	FI06479	pOT2	912	FBgn0035714	SBDS	ENSG00000126524	Pstl: 5649 2131 459 408
P4724	boca	FI06486	pOT2	720	FBgn0004132	MESD	ENSG00000117899	Pstl: 5649 2398 408
P4725	mRRF1	FI06490	pOT2	901	FBgn0035980	MRRF	ENSG00000148187	Pstl: 5649 2004 575 408
P4726	GlcAT-I	FI06496	pOT2	1543	FBgn0066114	B3GAT3	ENSG00000149541	Pstl: 5649 2235 986 408
P4727	Mal-B1	FI06514	pOT2	1850	FBgn0032381	SLC3A1	ENSG00000138079	Pstl: 5649 3528 408
P4728	RpL37b	FI06520	pOT2	422	FBgn0034822	RPL37	ENSG00000145592	Pstl: 5649 1776 408 324
P4729	Sbat	FI06540	pOT2	529	FBgn0051950	NAA38	ENSG00000183011	Pstl: 5649 2207 408
P4730	CG5535	FI06577	pOT2	2035	FBgn0036764	SLC7A14	ENSG00000013293	Pstl: 5649 1661 1051 1001 408
P4731	Ref2	FI06768	pOT2	929	FBgn0032439	POLDIP3	ENSG00000100227	Pstl: 5649 2607 408
P4732	Ids	FI07602	pOT2	1656	FBgn0035445	IDS	ENSG00000010404	Pstl: 5649 3334 408
P4733	Ssrp	FI07619	pOT2	2468	FBgn0010278	SSRP1	ENSG00000149136	Pstl: 5649 2872 1250 408 24
P4734	CG10345	FI07620	pOT2	2368	FBgn0027562	SCARB2	ENSG00000138760	Pstl: 5649 2030 1773 408 243
P4735	CG6891	FI07634	pOT2	982	FBgn0030955	COTL1	ENSG00000103187	Pstl: 5649 2660 408
P4736	Rab26	FI07640	pOT2	2536	FBgn0086913	RAB37	ENSG00000172794	Pstl: 5649 2245 1969 408
P4737	ast	FI07644	pOT2	2731	FBgn0015905	ASTE1	ENSG00000034533	Pstl: 5649 2615 1794 408
P4738	CG11475	FI07653	pOT2	1532	FBgn0034687	ARMT1	ENSG00000146476	Pstl: 5649 3210 408
P4739	Gmd	FI07655	pOT2	1545	FBgn0031661	GMDS	ENSG00000112699	Pstl: 5649 3223 408
P4740	tex	FI07663	pOT2	1060	FBgn0037569	THOC3	ENSG00000051596	Pstl: 5649 2738 408
P4741	Updo	FI07665	pOT2	1299	FBgn0033428	UROD	ENSG00000126088	Pstl: 5649 2031 898 408 48
P4742	CG5377	FI07666	pOT2	1239	FBgn0038974	BPHL	ENSG00000137274	Pstl: 5649 2917 408
P4743	PGRP-SC1a	FI07724	pOT2	651	FBgn0043576	PGLYRP4	ENSG00000163218	Pstl: 5649 1943 408 223 163
P4744	CG6204	FI07760	pOT2	2797	FBgn0039165	ZNFX1	ENSG00000124201	Pstl: 5649 2171 1118 913 408 273
P4745	Pfdn4	FI07764	pOT2	564	FBgn0035603	PFDN4	ENSG00000101132	Pstl: 5649 2242 408
P4746	ida	FI07771	pOT2	2417	FBgn0041147	ANAPC5	ENSG00000089053	Pstl: 5649 2635 1376 408 84
P4747	GAPsec	FI07835	pOT2	1536	FBgn0035916	TBC1D13	ENSG00000107021	Pstl: 5649 3214 408
P4748	CG3902	FI09602	pOT2	1589	FBgn0036824	ACADSB	ENSG00000196177	Pstl: 5649 2004 1263 408
P4749	TLL1A	FI09605	pOT2	1648	FBgn0030823	TLL9	ENSG00000131044	Pstl: 5649 3326 408
P4750	Alas	FI09607	pOT2	1841	FBgn0020764	ALAS1	ENSG00000023330	Pstl: 5649 1937 1582 408
P4751	Cyp6a20	FI09616	pOT2	1804	FBgn0033980	CYP4F3	ENSG00000186529	Pstl: 5649 3482 408
P4752	dor	FI09617	pOT2	3172	FBgn0000482	VPS18	ENSG00000104142	Pstl: 5649 1763 1489 1002 408 318 278
P4753	IntS8	FI09622	pOT2	3297	FBgn0025830	INTS8	ENSG00000164941	Pstl: 5649 2112 846 516 495 408 345 322 270 69
P4754	CG3817	FI09624	pOT2	898	FBgn0038275	RRP15	ENSG00000067533	Pstl: 5649 1910 666 408
P4755	CG7857	FI09629	pOT2	1251	FBgn0026738	OTUD6B	ENSG00000155100	Supplemental Table S1.
P4756	CG17224	FI09636	pOT2	1251	FBgn0031489	UPP1	ENSG00000183696	verified by sequencing
P4757	CG17544	FI09711	pOT2	2521	FBgn0032775	ACOX3	ENSG00000087008	Pstl: 5649 2137 2062 408
P4758	Zfrp8	FI09725	pOT2	1096	FBgn0021875	PDCD2	ENSG00000071994	Pstl: 5649 2198 408 292 284

P4759	<i>CG10268</i>	FI09828	pOT2	1176	FBgn0032811	<i>PMVK</i>	ENSG00000163344	Pstl: 5649 1929 433 411 408 75 6
P4760	<i>membrin</i>	FI09833	pOT2	842	FBgn0260856	<i>GOSR2</i>	ENSG00000108433	Pstl: 5649 1878 501 408 129 12
P4761	<i>nAcRalpha-30D</i>	GH01410	pOT2	2499	FBgn0032151	<i>CHRNA4</i>	ENSG00000101204	Pstl: 5649 2428 1749 408
P4762	<i>CG1791</i>	GH01991	pOT2	1190	FBgn0030163	<i>TNC</i>	ENSG00000041982	Pstl: 5649 2868 408
P4763	<i>lqfR</i>	GH02671	pOT2	2709	FBgn0261279	<i>CLINT1</i>	ENSG00000113282	Pstl: 5649 3765 622 408
P4764	<i>CG10365</i>	GH03079	pOT2	1633	FBgn0039109	<i>CHAC2</i>	ENSG00000143942	Pstl: 5649 3311 408
P4765	<i>CG7971</i>	GH04236	pOT2	1209	FBgn0035253	<i>SRRM2</i>	ENSG00000167978	Pstl: 5649 2887 408
P4766	<i>CG11425</i>	GH04282	pOT2	1048	FBgn0037167	<i>PLPP2</i>	ENSG00000141934	Pstl: 5649 1702 831 408 193
P4767	<i>CG3530</i>	GH04637	pOT2	3209	FBgn0028497	<i>MTMR8</i>	ENSG00000102043	Pstl: 5649 3538 1349 408
P4768	<i>CG7766</i>	GH04794	pOT2	4876	FBgn0030087	<i>PHKA2</i>	ENSG00000044446	Pstl: 5649 2636 1338 882 858 408 378 267 135 60
P4769	<i>fat-spondin</i>	GH05860	pOT2	2466	FBgn0026721	<i>SPON1</i>	ENSG00000262655	Pstl: 5649 1768 1272 947 408 157
P4770	<i>CG5196</i>	GH06759	pOT2	1950	FBgn0038039	<i>ZDHHHC6</i>	ENSG00000023041	Pstl: 5649 2593 861 408 174
P4771	<i>Ect4</i>	GH07037	pOT2	4969	FBgn0262579	<i>SARM1</i>	ENSG00000004139	Pstl: 5649 3388 2302 957 408
P4772	<i>CG13850</i>	GH07286	pOT2	1877	FBgn0038961	<i>FASTKD3</i>	ENSG00000124279	Pstl: 5649 3555 408
P4773	<i>CG12376</i>	GH07338	pOT2	1999	FBgn0033323	<i>SLC8B1</i>	ENSG00000089060	Pstl: 5649 3677 408
P4774	<i>CG4678</i>	GH08425	pOT2	3282	FBgn0030778	<i>CPZ</i>	ENSG00000109625	Pstl: 5649 2415 1919 416 408 210
P4775	<i>CG4829</i>	GH09194	pOT2	3012	FBgn0030796	<i>GGTLC1</i>	ENSG00000149435	Pstl: 5649 2739 1240 492 408 153 66
P4776	<i>alpha-Man-1</i>	GH09342	pOT2	4120	FBgn0259170	<i>MAN1C1</i>	ENSG00000117643	Pstl: 5649 4798 922 408 78
P4777	<i>pcs</i>	GH09755	pOT2	2205	FBgn0033988	<i>SH3BP5</i>	ENSG00000131370	Pstl: 5649 2642 644 567 408 30
P4778	<i>CG1434</i>	GH10289	pOT2	1684	FBgn0030554	<i>DUS2</i>	ENSG00000167264	Pstl: 5649 2238 564 515 408 45
P4779	<i>skap</i>	GH10480	pOT2	1756	FBgn0037643	<i>SUCLG2</i>	ENSG00000172340	Pstl: 5649 3434 408
P4780	<i>olf413</i>	GH11047	pOT2	3433	FBgn0037153	<i>MOXD1</i>	ENSG00000079931	Pstl: 5649 4282 829 408
P4781	<i>Rev1</i>	GH11153	pOT2	3236	FBgn0035150	<i>REV1</i>	ENSG00000135945	Pstl: 5649 3071 1288 555 408
P4782	<i>Klp59C</i>	GH12179	pOT2	2105	FBgn0034824	<i>KIF2C</i>	ENSG00000142945	Pstl: 5649 2549 780 454 408
P4783	<i>CG40486</i>	GH12380	pOT2	1221	FBgn0263830	<i>DHRS11</i>	ENSG00000278535	Pstl: 5649 2163 408 323 162 150 101
P4784	<i>su(r)</i>	GH13260	pOT2	3392	FBgn0086450	<i>DPYD</i>	ENSG00000188641	Pstl: 5649 2303 1083 879 775 408 30
P4785	<i>vap</i>	GH13542	pOT2	3446	FBgn0003969	<i>RASA1</i>	ENSG00000145715	Pstl: 5649 2092 1291 783 633 408 325
P4786	<i>S-Lap2</i>	GH13849	pOT2	2017	FBgn0052351	<i>LAP3</i>	ENSG00000002549	Pstl: 5649 3279 410 408 6
P4787	<i>Smg6</i>	GH14566	pOT2	3267	FBgn0039260	<i>SMG6</i>	ENSG00000070366	Pstl: 5649 4144 508 408 270 23
P4788	<i>Slimap</i>	GH14730	pOT2	3065	FBgn0040011	<i>SLMAP</i>	ENSG00000163681	Pstl: 5649 2860 954 709 408 220
P4789	<i>RhoGAP1A</i>	GH15984	pOT2	5068	FBgn0025836	<i>ABR</i>	ENSG00000159842	Pstl: 5649 3935 960 843 692 408 316
P4790	<i>CG6762</i>	GH18251	pOT2	767	FBgn0030876	<i>SRXN1</i>	ENSG00000271303	Pstl: 5649 2060 408 385
P4791	<i>Isn</i>	GH19864	pOT2	873	FBgn0260940	<i>SNF8</i>	ENSG00000159210	Pstl: 5649 2295 408 256
P4793	<i>Grip128</i>	GH21414	pOT2	3642	FBgn0026433	<i>TUBGCP5</i>	ENSG00000275835	Pstl: 5649 2729 1900 691 408
P4794	<i>CG2145</i>	GH21533	pOT2	1986	FBgn0030251	<i>ENDOU</i>	ENSG00000111405	Pstl: 5649 2343 1321 408
P4795	<i>CG11537</i>	GH21943	pOT2	3929	FBgn0035400	<i>MFS14A</i>	ENSG00000156875	Pstl: 5649 4453 1026 408 128
P4796	<i>Adck5</i>	GH21972	pOT2	2070	FBgn0036142	<i>ADCK5</i>	ENSG00000173137	Pstl: 5649 2924 632 408 192
P4797	<i>Aldh</i>	GH22814	pOT2	1841	FBgn0012036	<i>ALDH2</i>	ENSG00000111275	Pstl: 5649 3519 408
P4798	<i>GluRIIC</i>	GH22844	pOT2	3013	FBgn0046113	<i>GRIN3B</i>	ENSG00000116032	Pstl: 5649 3314 777 408 405 183 12
P4799	<i>Sod3</i>	GH23708	pOT2	2587	FBgn0033631	<i>SOD1</i>	ENSG00000142168	Pstl: 5649 4265 408
P4800	<i>vri</i>	GH23983	pOT2	3462	FBgn0016076	<i>NFIL3</i>	ENSG00000165030	Pstl: 5649 2624 1200 653 408 239 175 114 103 26 6
P4801	<i>CG7488</i>	GH26602	pOT2	1201	FBgn0038106	<i>ERAL1</i>	ENSG00000132591	Pstl: 5649 1981 898 408
P4802	<i>CG7049</i>	GH26754	pOT2	1094	FBgn0035102	<i>SUMF2</i>	ENSG00000129103	Pstl: 5649 2772 408
P4803	<i>LpR2</i>	GH26833	pOT2	4159	FBgn0051092	<i>LDLR</i>	ENSG00000130164	Pstl: 5649 4938 899 408
P4804	<i>CG9109</i>	GH27263	pOT2	2227	FBgn0031765	<i>B3GLCT</i>	ENSG00000187676	Pstl: 5649 1899 1687 408 319
P4805	<i>CG4629</i>	GH27460	pOT2	2915	FBgn0031299	<i>TSSK1B</i>	ENSG00000212122	Pstl: 5649 4593 408
P4806	<i>Tina-1</i>	GH28534	pOT2	1437	FBgn0035083	<i>GGACT</i>	ENSG00000134864	Pstl: 5649 1948 1167 408
P4807	<i>Snap25</i>	GH28821	pOT2	2203	FBgn0011288	<i>SNAP25</i>	ENSG00000132639	Pstl: 5649 3881 408

P4808	<i>Six4</i>	GM13131	pOT2	1858	FBgn0027364	<i>SIX3</i>	ENSG00000138083	Pstl: 5649 2139 827 408 222 145 120 42 41
P4809	<i>Cyp6v1</i>	GM13235	pOT2	2184	FBgn0031126	<i>CYP2C9</i>	ENSG00000138109	Pstl: 5649 1829 1496 465 408 72
P4810	<i>CG33964</i>	GM20958	pOT2	2308	FBgn0053964	<i>METTL25</i>	ENSG00000127720	Pstl: 5649 2085 1208 693 408
P4811	<i>JMJD5</i>	GM21055	pOT2	1388	FBgn0035166	<i>KDM8</i>	ENSG00000155666	Pstl: 5649 1883 1183 408
P4812	<i>CG11085</i>	IP01054	pOT2	1576	FBgn0030408	<i>BARHL2</i>	ENSG00000143032	Pstl: 5649 1949 499 408 340 332 134
P4813	<i>FoxP</i>	IP01211	pOT2	1928	FBgn0262477	<i>FOXP1</i>	ENSG00000114861	Pstl: 5649 3606 408
P4814	<i>CG17197</i>	IP01230	pOT2	1656	FBgn0039367	<i>ZDHHHC24</i>	ENSG00000174165	Pstl: 5649 3334 408
P4815	<i>CG4565</i>	IP01448	pOT2	886	FBgn0037841	<i>SUV39H2</i>	ENSG00000152455	Pstl: 5649 2564 408
P4816	<i>beat-IIIb</i>	IP02485	pOT2	3297	FBgn0053179	<i>CADM2</i>	ENSG00000175161	Pstl: 5649 2816 1693 408 374 65 27
P4817	<i>Syn1</i>	IP02644	pOT2	3211	FBgn0037130	<i>SNTA1</i>	ENSG00000101400	Pstl: 5649 3711 620 558 408
P4818	<i>Takr86C</i>	IP02824	pOT2	3379	FBgn0004841	<i>TACR3</i>	ENSG00000169836	Pstl: 5649 5057 408
P4819	<i>Cyp6g2</i>	IP03155	pOT2	2013	FBgn0033696	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3465 408 226
P4820	<i>C3G</i>	IP03271	pOT2	5673	FBgn0259228	<i>RAPGEF1</i>	ENSG00000107263	Pstl: 5649 2761 1164 860 632 478 477 408 289 267 252 100 71
P4821	<i>Ugt36Ba</i>	IP03347	pOT2	1638	FBgn0040262	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 3316 408
P4822	<i>alpha-Est9</i>	IP03519	pOT2	3276	FBgn0015577	<i>CES2</i>	ENSG00000172831	Pstl: 5649 2515 1017 1007 415 408
P4823	<i>Best3</i>	IP03529	pOT2	1728	FBgn0036492	<i>BEST4</i>	ENSG00000142959	Pstl: 5649 3406 408
P4824	<i>l(3)neo43</i>	IP03587	pOT2	441	FBgn0011476	<i>COX16</i>	ENSG00000133983	Pstl: 5649 1861 408 258
P4825	<i>hoe2</i>	IP03917	pOT2	2906	FBgn0031649	<i>OCA2</i>	ENSG00000104044	Pstl: 5649 4249 408 335
P4826	<i>CG13481</i>	IP04153	pOT2	738	FBgn0036421	<i>RFWD3</i>	ENSG00000168411	Pstl: 5649 2416 408
P4827	<i>CG13578</i>	IP04156	pOT2	870	FBgn0035000	<i>CCDC198</i>	ENSG00000100557	Pstl: 5649 2228 408 253 67
P4828	<i>CG15116</i>	IP04521	pOT2	662	FBgn0034415	<i>GPX7</i>	ENSG00000116157	Pstl: 5649 2340 408
P4829	<i>Dtd</i>	IP04668	pOT2	538	FBgn0037898	<i>DTD1</i>	ENSG00000125821	Pstl: 5649 2216 408
P4830	<i>CG31469</i>	IP04682	pOT2	627	FBgn0051469	<i>ACP1</i>	ENSG00000143727	Pstl: 5649 1729 408 330 246
P4831	<i>Apf</i>	IP04685	pOT2	805	FBgn0051713	<i>NUDT2</i>	ENSG00000164978	Pstl: 5649 2483 408
P4832	<i>CG15403</i>	IP04735	pOT2	786	FBgn0031504	<i>FAM210B</i>	ENSG00000124098	Pstl: 5649 1576 888 408
P4833	<i>CG31007</i>	IP04776	pOT2	838	FBgn0051007	<i>CHCHD10</i>	ENSG00000250479	Pstl: 5649 2161 408 355
P4834	<i>m</i>	IP04909	pOT2	1198	FBgn0267337	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2876 408
P4835	<i>Vha16-4</i>	IP05064	pOT2	582	FBgn0262513	<i>ATP6VOC</i>	ENSG00000185883	Pstl: 5649 2260 408
P4836	<i>CG12848</i>	IP05433	pOT2	469	FBgn0040666	<i>COA4</i>	ENSG00000181924	Pstl: 5649 2147 408
P4837	<i>Ilp3</i>	IP05494	pOT2	811	FBgn0044050	<i>IGF1</i>	ENSG00000017427	Pstl: 5649 2489 408
P4838	<i>CG30098</i>	IP05787	pOT2	836	FBgn0050098	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1835 679 408
P4839	<i>Acp24A4</i>	IP06005	pOT2	365	FBgn0051779	<i>EPPIN-WFDC6</i>	ENSG00000249139	Pstl: 5649 2043 408
P4841	<i>CG42827</i>	IP06146	pOT2	578	FBgn0262009	<i>ADAMTS7</i>	ENSG00000136378	Pstl: 5649 2256 408
P4842	<i>CG32202</i>	IP06311	pOT2	620	FBgn0052202	<i>TFPT</i>	ENSG00000105619	Pstl: 5649 2298 408
P4843	<i>CG10581</i>	IP06402	pOT2	604	FBgn0037046	<i>NTPCR</i>	ENSG00000135778	Pstl: 5649 2030 408 252
P4844	<i>CG14130</i>	IP06473	pOT2	1050	FBgn0036210	<i>ALKBH7</i>	ENSG00000125652	verified by sequencing
P4845	<i>CG42249</i>	IP06506	pOT2	1830	FBgn0259101	<i>NT5E</i>	ENSG00000135318	Pstl: 5649 3508 408
P4846	<i>CG14135</i>	IP06774	pOT2	912	FBgn0036193	<i>THAP1</i>	ENSG00000131931	Pstl: 5649 2590 408
P4847	<i>Tmem18</i>	IP06878	pOT2	647	FBgn0050051	<i>TMEM18</i>	ENSG00000151353	Pstl: 5649 2325 408
P4848	<i>CG16957</i>	IP06960	pOT2	797	FBgn0032519	<i>PGRMC2</i>	ENSG00000164040	Pstl: 5649 1689 786 408
P4849	<i>COX7AL</i>	IP06967	pOT2	587	FBgn0037579	<i>COX7A2L</i>	ENSG00000115944	Pstl: 5649 1907 408 352 6
P4850	<i>CG17266</i>	IP07164	pOT2	679	FBgn0033089	<i>PPIAL4A</i>	ENSG00000263353	Pstl: 5649 2357 408
P4851	<i>CG31373</i>	IP07194	pOT2	745	FBgn0051373	<i>PDF</i>	ENSG00000258429	Pstl: 5649 2423 408
P4852	<i>CG9072</i>	IP07373	pOT2	604	FBgn0030614	<i>TBCA</i>	ENSG00000171530	Pstl: 5649 2282 408
P4853	<i>Vha16-5</i>	IP07462	pOT2	1085	FBgn0032294	<i>ATP6VOC</i>	ENSG00000185883	Pstl: 5649 1712 759 408 292
P4854	<i>CG34107</i>	IP07638	pOT2	622	FBgn0083943	<i>C9orf116</i>	ENSG00000160345	Pstl: 5649 2300 408
P4856	<i>Reep1</i>	IP07718	pOT2	953	FBgn0030313	<i>REEP5</i>	ENSG00000129625	Pstl: 5649 2631 408
P4857	<i>CG42564</i>	IP07721	pOT2	1611	FBgn0260766	<i>Pl15</i>	ENSG00000137558	Pstl: 5649 2083 1206 408

P4858	CG12078	IP07723	pOT2	958	FBgn0035426	CTDSP1	ENSG00000144579	Pstl: 5649 2636 408
P4859	CG12343	IP07727	pOT2	1100	FBgn0033556	SYF2	ENSG00000117614	Pstl: 5649 2778 408
P4860	CG14400	IP07785	pOT2	923	FBgn0032896	PARP1	ENSG00000143799	Pstl: 5649 2174 408 376 51
P4861	PIG-H	IP07787	pOT2	924	FBgn0037535	PIGH	ENSG00000100564	Pstl: 5649 1712 476 408 318 96
P4862	CG13078	IP07844	pOT2	926	FBgn0032809	CYB561D2	ENSG00000114395	Pstl: 5649 2604 408
P4863	NijC	IP07884	pOT2	771	FBgn0038079	NINJ2	ENSG00000171840	Pstl: 5649 2449 408
P4864	CG34357	IP07891	pOT2	2304	FBgn0085386	NPR1	ENSG00000169418	Pstl: 5649 2726 1256 408
P4865	Elo68beta	IP07920	pOT2	1122	FBgn0036128	CBR4	ENSG00000145439	Pstl: 5649 2232 568 408
P4866	mIF3	IP07950	pOT2	1165	FBgn0033712	MTIF3	ENSG00000122033	Pstl: 5649 2843 408
P4867	CG13404	IP07953	pOT2	1387	FBgn0030559	PLGRKT	ENSG00000107020	Pstl: 5649 3065 408
P4868	CG15399	IP08012	pOT2	845	FBgn0031460	RABL3	ENSG00000144840	Pstl: 5649 2523 408
P4869	CG17239	IP08038	pOT2	790	FBgn0042186	KLK9	ENSG00000213022	Pstl: 5649 2468 408
P4870	CG17917	IP08047	pOT2	712	FBgn0037431	ZNF302	ENSG00000089335	Pstl: 5649 2390 408
P4871	CG18336	IP08053	pOT2	495	FBgn0040763	FAM166B	ENSG00000215187	Pstl: 5649 2173 408
P4872	CG31229	IP08080	pOT2	744	FBgn0051229	TIMM22	ENSG00000177370	Pstl: 5649 2422 408
P4873	CG15535	IP08115	pOT2	760	FBgn0039764	CCDC59	ENSG00000133773	Pstl: 5649 2438 408
P4874	ND-20L	IP08160	pOT2	705	FBgn0039669	NDUFS7	ENSG00000115286	Pstl: 5649 1609 738 408 30 6
P4875	CG30157	IP08168	pOT2	1051	FBgn0050157	UFSP2	ENSG00000109775	Pstl: 5649 1744 985 408
P4876	glob2	IP08207	pOT2	784	FBgn0250846	HBE1	ENSG00000213931	Pstl: 5649 2462 408
P4877	CG15912	IP08228	pOT2	906	FBgn0029712	HDHD3	ENSG00000119431	Pstl: 5649 1658 713 408 213
P4878	CG30280	IP08370	pOT2	1094	FBgn0050280	ANGPTL2	ENSG00000136859	Pstl: 5649 2772 408
P4879	CG31269	IP08381	pOT2	955	FBgn0051269	KLK9	ENSG00000213022	Pstl: 5649 2633 408
P4880	CG32196	IP08408	pOT2	843	FBgn0052196	GGCT	ENSG00000006625	Pstl: 5649 2521 408
P4881	CG7695	IP08468	pOT2	683	FBgn0038631	SPINK1	ENSG00000164266	Pstl: 5649 2109 408 252
P4882	AANATL2	IP08576	pOT2	864	FBgn0031791	B4GALNT1	ENSG00000135454	Pstl: 5649 1889 653 408
P4883	Elo68alpha	IP08602	pOT2	971	FBgn0052072	CBR4	ENSG00000145439	Pstl: 5649 1865 444 408 340
P4884	Gpb5	IP08644	pOT2	690	FBgn0063368	CGB1	ENSG00000267631	Pstl: 5649 2183 408 185
P4885	CG9592	IP08778	pOT2	853	FBgn0036426	CCDC115	ENSG00000136710	Pstl: 5649 2531 408
P4886	CG12560	IP09231	pOT2	1010	FBgn0031974	GLYATL1	ENSG00000166840	Pstl: 5649 1865 823 408
P4887	Nse4	IP09347	pOT2	1051	FBgn0032251	NSMCE4A	ENSG00000107672	Pstl: 5649 2729 408
P4888	CG14079	IP09370	pOT2	1028	FBgn0036849	SPATA6L	ENSG00000106686	Pstl: 5649 2355 408 351
P4889	CG12620	IP09433	pOT2	1203	FBgn0032626	PPP1R2	ENSG00000184203	Pstl: 5649 2443 438 408
P4890	CG14297	IP09476	pOT2	961	FBgn0038655	ACP1	ENSG00000143727	Pstl: 5649 1717 922 408
P4891	CG17026	IP09635	pOT2	1010	FBgn0036550	IMPA2	ENSG00000141401	Pstl: 5649 2688 408
P4892	CG15877	IP09724	pOT2	1026	FBgn0035337	C7orf50	ENSG00000146540	Pstl: 5649 2704 408
P4893	CG31954	IP09792	pOT2	987	FBgn0051954	KLK9	ENSG00000213022	Pstl: 5649 2300 408 191 174
P4894	CG30429	IP09867	pOT2	1083	FBgn0050429	MORN4	ENSG00000171160	Pstl: 5649 2501 408 260
P4895	CG31111	IP09871	pOT2	953	FBgn0051111	TBRG1	ENSG00000154144	Pstl: 5649 2323 408 308
P4896	CG15602	IP09919	pOT2	1171	FBgn0030694	ZFYVE19	ENSG00000166140	Pstl: 5649 2849 408
P4897	CG30338	IP09963	pOT2	1023	FBgn0050338	RWDD2B	ENSG00000156253	Pstl: 5649 2056 408 366 279
P4898	CG30495	IP09970	pOT2	1348	FBgn0050495	RDH12	ENSG00000139988	Pstl: 5649 3026 408
P4899	Prosbeta5R2	IP09987	pOT2	1098	FBgn0051742	PSMB11	ENSG00000222028	Pstl: 5649 2195 581 408
P4900	DIP-lota	IP10422	pOT2	1344	FBgn0031837	OPCML	ENSG00000183715	Pstl: 5649 1611 1031 408 380
P4901	Dh44-R2	IP10431	pOT2	2100	FBgn0033744	CRHR2	ENSG00000106113	Pstl: 5649 2991 787 408
P4902	CG17141	IP12332	pOT2	1080	FBgn0039020	MTG1	ENSG00000148824	Pstl: 5649 2271 487 408
P4903	CG31524	IP12095	pOT2	1706	FBgn0051524	P4HA3	ENSG00000149380	Pstl: 5649 2361 1023 408
P4904	CG11360	IP11918	pOT2	2468	FBgn0039920	MEX3A	ENSG00000254726	Pstl: 5649 4146 408
P4905	Ugt301D1	IP11904	pOT2	1974	FBgn0032684	UGT1A9	ENSG00000241119	Pstl: 5649 3300 408 352

P4906	<i>ND-49L</i>	IP11827	pOT2	1751	FBgn0039331	<i>NDUFS2</i>	ENSG00000158864	Pstl: 5649 3429 408
P4907	<i>CG30371</i>	IP10861	pOT2	1285	FBgn0050371	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 1895 1068 408
P4908	<i>CG4335</i>	IP11527	pOT2	1214	FBgn0038795	<i>TMLHE</i>	ENSG00000185973	Pstl: 5649 2892 408
P4909	<i>CG3769</i>	IP11319	pOT2	1349	FBgn0032119	<i>DYNC2LI1</i>	ENSG00000138036	Pstl: 5649 1820 1207 408
P4910	<i>CG15531</i>	IP11109	pOT2	1190	FBgn0039755	<i>SCD5</i>	ENSG00000145284	Pstl: 5649 2868 408
P4911	<i>CAH8</i>	IP11239	pOT2	1142	FBgn0038956	<i>CA5B</i>	ENSG00000169239	Pstl: 5649 1716 1104 408
P4912	<i>CG5321</i>	IP11237	pOT2	1334	FBgn0030575	<i>TMLHE</i>	ENSG00000185973	Pstl: 5649 2576 436 408
P4913	<i>Tak1l</i>	IP11178	pOT2	1361	FBgn0046689	<i>RAF1</i>	ENSG00000132155	Pstl: 5649 3039 408
P4914	<i>CG15879</i>	IP11119	pOT2	1410	FBgn0035309	<i>SERHL2</i>	ENSG00000183569	Pstl: 5649 3088 408
P4915	<i>Gba1b</i>	IP10977	pOT2	2042	FBgn0051414	<i>GBA</i>	ENSG00000177628	Pstl: 5649 2883 605 408 232
P4916	<i>CG15539</i>	IP10910	pOT2	1635	FBgn0039782	<i>P4HA3</i>	ENSG00000149380	Pstl: 5649 2262 1051 408
P4917	<i>Spn53F</i>	IP10416	pOT2	1337	FBgn0034195	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2204 1168 408
P4918	<i>CG13137</i>	IP10748	pOT2	1405	FBgn0032188	<i>AAAS</i>	ENSG00000094914	Pstl: 5649 1919 732 432 408
P4919	<i>CG11788</i>	IP10727	pOT2	1358	FBgn0034495	<i>DSCC1</i>	ENSG00000136982	Pstl: 5649 2343 693 408
P4920	<i>BBS5</i>	IP10720	pOT2	1269	FBgn0037280	<i>BBS5</i>	ENSG00000163093	Pstl: 5649 2747 408 200
P4921	<i>CG13501</i>	IP10558	pOT2	1558	FBgn0034684	<i>RSPH14</i>	ENSG00000100218	Pstl: 5649 1931 1305 408
P4922	<i>CG30259</i>	IP12368	pOT2	677	FBgn0050259	<i>CCDC65</i>	ENSG00000139537	Pstl: 5649 1798 557 408
P4923	<i>CG5592</i>	IP12546	pOT2	1648	FBgn0035645	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3326 408
P4924	<i>CG34457</i>	IP12643	pOT2	1264	FBgn0085486	<i>CFAP161</i>	ENSG00000156206	Pstl: 5649 2061 687 408 131 63
P4926	<i>prt</i>	IP12904	pOT2	2164	FBgn0043005	<i>SLC18A2</i>	ENSG00000165646	Pstl: 5649 3842 408
P4927	<i>CG10339</i>	IP13005	pOT2	1958	FBgn0034972	<i>CES2</i>	ENSG00000172831	Pstl: 5649 3449 408 187
P4928	<i>lobo</i>	IP13150	pOT2	2879	FBgn0083946	<i>DRC7</i>	ENSG00000159625	Pstl: 5649 2202 1554 801 408
P4929	<i>CG30203</i>	IP13257	pOT2	2893	FBgn0050203	<i>SPON1</i>	ENSG00000262655	Pstl: 5649 2062 1440 1069 408
P4930	<i>CG5191</i>	IP13792	pOT2	2426	FBgn0038803	<i>FAAH2</i>	ENSG00000165591	Pstl: 5649 2248 1856 408
P4931	<i>Gprk1</i>	IP13920	pOT2	2336	FBgn0260798	<i>GRK2</i>	ENSG00000173020	Pstl: 5649 4014 408
P4932	<i>CG7907</i>	IP13958	pOT2	2756	FBgn0038887	<i>NCBP1</i>	ENSG00000136937	Pstl: 5649 2620 1814 408
P4933	<i>CG8925</i>	IP13966	pOT2	2210	FBgn0038404	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 3888 408
P4934	<i>tbrd-2</i>	IP14655	pOT2	2358	FBgn0034423	<i>BRDT</i>	ENSG00000137948	Pstl: 5649 2352 1684 408
P4935	<i>CG8388</i>	IP14661	pOT2	1841	FBgn0034062	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1638 1511 408 370
P4936	<i>egg</i>	IP14732	pOT2	3877	FBgn0086908	<i>SETDB2</i>	ENSG00000136169	Pstl: 5649 2326 1108 875 594 408 353 299
P4937	<i>Dnah3</i>	IP15220	pOT2	1775	FBgn0035581	<i>DNAH3</i>	ENSG00000158486	Pstl: 5649 2939 408 358 156
P4938	<i>cu</i>	IP15605	pOT2	1853	FBgn0261808	<i>NOCT</i>	ENSG00000151014	Pstl: 5649 2409 822 408 126 114 54 6
P4939	<i>MTF-1</i>	IP15679	pOT2	3847	FBgn0040305	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 2997 2350 408 178
P4940	<i>CG33170</i>	IP15859	pOT2	623	FBgn0053170	<i>STMP1</i>	ENSG00000243317	Pstl: 5649 1954 408 347
P4941	<i>melt</i>	IP16092	pOT2	4092	FBgn0023001	<i>VEPH1</i>	ENSG00000197415	Pstl: 5649 4927 843 408
P4942	<i>Acbp3</i>	IP16171	pOT2	428	FBgn0250836	<i>METTL23</i>	ENSG00000181038	Pstl: 5649 2106 408
P4943	<i>CG8671</i>	IP16294	pOT2	3662	FBgn0032938	<i>FAM102A</i>	ENSG00000167106	Pstl: 5649 4557 783 408
P4944	<i>Poxm</i>	IP16421	pOT2	2570	FBgn0003129	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 4248 408
P4945	<i>Atet</i>	IP16822	pOT2	4228	FBgn0020762	<i>ABCG5</i>	ENSG00000138075	Pstl: 5649 3097 2809 408
P4946	<i>CG34161</i>	IP16901	pOT2	541	FBgn0085190	<i>ACYP2</i>	ENSG00000170634	Pstl: 5649 1768 451 408
P4947	<i>CG34172</i>	IP16915	pOT2	315	FBgn0085201	<i>COX7A2L</i>	ENSG00000115944	Pstl: 5649 1993 408
P4948	<i>CG34228</i>	IP16979	pOT2	379	FBgn0085257	<i>SMIM12</i>	ENSG00000163866	Pstl: 5649 2057 408
P4949	<i>CG34164</i>	IP17005	pOT2	878	FBgn0085193	<i>EFCAB8</i>	ENSG00000215529	Pstl: 5649 2556 408
P4950	<i>Pka-R2</i>	IP17076	pOT2	2095	FBgn0022382	<i>PRKAR2B</i>	ENSG00000005249	Pstl: 5649 3002 696 408 75
P4951	<i>Traf4</i>	IP17123	pOT2	3764	FBgn0026319	<i>TRAF2</i>	ENSG00000127191	Pstl: 5649 2521 1452 1027 408 289 60 57 36
P4952	<i>CG34183</i>	IP17135	pOT2	525	FBgn0085212	<i>RPAP2</i>	ENSG00000122484	Pstl: 5649 2203 408
P4953	<i>CG4951</i>	IP17355	pOT2	1582	FBgn0039563	<i>OR2H1</i>	ENSG00000204688	Pstl: 5649 2712 408 283 265
P4954	<i>CG6006</i>	IP17430	pOT2	3550	FBgn0063649	<i>SLC22A10</i>	ENSG00000184999	Pstl: 5649 4090 1106 408 32

P4955	<i>MICU1</i>	IP17639	pOT2	1896	FBgn0031893	<i>MICU1</i>	ENSG00000107745	Pstl: 5649 3574 408
P4956	<i>CG34132</i>	IP17640	pOT2	462	FBgn0083968	<i>TIMM13</i>	ENSG00000099800	Pstl: 5649 2140 408
P4957	<i>otp</i>	IP17664	pOT2	2958	FBgn0015524	<i>HHEX</i>	ENSG00000152804	Pstl: 5649 4636 408
P4958	<i>CG34213</i>	IP17771	pOT2	511	FBgn0085242	<i>RPL38</i>	ENSG00000172809	Pstl: 5649 1985 408 204
P4959	<i>Rpb12</i>	IP17848	pOT2	350	FBgn0262954	<i>POLR2K</i>	ENSG00000147669	Pstl: 5649 2028 408
P4960	<i>Mapmodulin</i>	IP17956	pOT2	1380	FBgn0034282	<i>ANP32B</i>	ENSG00000136938	Pstl: 5649 3058 408
P4961	<i>CG34229</i>	IP17990	pOT2	482	FBgn0259832	<i>FMC1</i>	ENSG00000164898	Pstl: 5649 2160 408
P4962	<i>CG34451</i>	IP18019	pOT2	958	FBgn0085480	<i>C1GALT1</i>	ENSG00000106392	Pstl: 5649 2636 408
P4963	<i>CG11241</i>	IP18034	pOT2	2006	FBgn0037186	<i>ETNPPL</i>	ENSG00000164089	Pstl: 5649 2210 1474 408
P4964	<i>CG34274</i>	IP18157	pOT2	859	FBgn0085303	<i>TTC12</i>	ENSG00000149292	Pstl: 5649 2537 408
P4965	<i>CG34150</i>	IP18284	pOT2	538	FBgn0083986	<i>LYRM7</i>	ENSG00000186687	Pstl: 5649 1934 408 282
P4966	<i>CG34039</i>	IP19808	pOT2	696	FBgn0054039	<i>COMMD4</i>	ENSG00000140365	Pstl: 5649 2374 408
P4967	<i>CG12479</i>	IP19819	pOT2	485	FBgn0040871	<i>MINOS1</i>	ENSG00000173436	Pstl: 5649 2163 408
P4968	<i>CG14507</i>	IP20080	pOT2	1252	FBgn0039655	<i>PLA2G2E</i>	ENSG00000188784	Pstl: 5649 2930 408
P4969	<i>llp5</i>	IP20266	pOT2	485	FBgn0044048	<i>INS</i>	ENSG00000254647	Pstl: 5649 2163 408
P4970	<i>rev7</i>	IP20312	pOT2	858	FBgn0037345	<i>MAD2L2</i>	ENSG00000116670	Pstl: 5649 2102 434 408
P4971	<i>B9d1</i>	IP20372	pOT2	905	FBgn0038342	<i>MKS1</i>	ENSG00000011143	Pstl: 5649 1818 765 408
P4972	<i>CG11626</i>	IP20428	pOT2	1834	FBgn0038705	<i>PRSS16</i>	ENSG00000112812	Pstl: 5649 3512 408
P4973	<i>CG13748</i>	IP20435	pOT2	741	FBgn0033355	<i>APLP2</i>	ENSG00000084234	Pstl: 5649 2419 408
P4974	<i>SLIRP2</i>	IP20549	pOT2	434	FBgn0037602	<i>SLIRP</i>	ENSG00000119705	Pstl: 5649 2112 408
P4975	<i>Tim13</i>	IP20580	pOT2	460	FBgn0036204	<i>TIMM13</i>	ENSG00000099800	Pstl: 5649 1667 471 408
P4976	<i>lectin-30A</i>	IP20609	pOT2	800	FBgn0040097	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2067 411 408
P4977	<i>CG33977</i>	IP20734	pOT2	434	FBgn0053977	<i>DPM3</i>	ENSG00000179085	Pstl: 5649 1683 429 408
P4978	<i>Sas</i>	IP20889	pOT2	1193	FBgn0038045	<i>NANS</i>	ENSG00000095380	Pstl: 5649 2418 453 408
P4979	<i>CG33462</i>	IP20969	pOT2	1033	FBgn0053462	<i>GZMH</i>	ENSG00000100450	Pstl: 5649 1885 826 408
P4980	<i>CG8673</i>	IP21078	pOT2	1399	FBgn0031986	<i>B3GNT2</i>	ENSG00000170340	Pstl: 5649 3077 408
P4981	<i>lectin-21Ca</i>	IP21085	pOT2	959	FBgn0040107	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2637 408
P4982	<i>Wdr92</i>	IP21091	pOT2	1410	FBgn0036771	<i>WDR92</i>	ENSG00000243667	Pstl: 5649 3088 408
P4983	<i>CG34015</i>	IP21127	pOT2	571	FBgn0054015	<i>HINT3</i>	ENSG00000111911	Pstl: 5649 2249 408
P4984	<i>CG12498</i>	IP21171	pOT2	993	FBgn0040356	<i>RTF1</i>	ENSG00000137815	Pstl: 5649 1891 780 408
P4985	<i>CG32263</i>	IP21411	pOT2	708	FBgn0052263	<i>MPV17</i>	ENSG00000115204	Pstl: 5649 2386 408
P4986	<i>lectin-37Db</i>	IP21476	pOT2	551	FBgn0053533	<i>COLEC11</i>	ENSG00000118004	Pstl: 5649 2229 408
P4987	<i>CG15432</i>	IP21509	pOT2	579	FBgn0031603	<i>FAM32A</i>	ENSG00000105058	Pstl: 5649 1926 408 331
P4988	<i>CG12684</i>	IP21517	pOT2	905	FBgn0029717	<i>CDIP1</i>	ENSG00000089486	Pstl: 5649 2583 408
P4989	<i>Prosalph3T</i>	IP21535	pOT2	909	FBgn0261395	<i>PSMA4</i>	ENSG00000041357	Pstl: 5649 2587 408
P4990	<i>CG34012</i>	IP21622	pOT2	570	FBgn0054012	<i>RIIAD1</i>	ENSG00000178796	Pstl: 5649 2248 408
P4991	<i>Acyp</i>	IP21646	pOT2	474	FBgn0025115	<i>ACYP2</i>	ENSG00000170634	Pstl: 5649 2152 408
P4992	<i>St3</i>	IP21809	pOT2	1326	FBgn0265052	<i>SULT1C4</i>	ENSG00000198075	Pstl: 5649 3004 408
P4993	<i>CG32523</i>	IP21943	pOT2	893	FBgn0052523	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2019 552 408
P4994	<i>CG10513</i>	IP22107	pOT2	1368	FBgn0039311	<i>ACAD10</i>	ENSG00000111271	Pstl: 5649 1840 873 408 175 158
P4995	<i>shams</i>	IP22168	pOT2	1503	FBgn0039273	<i>GXYLT1</i>	ENSG00000151233	Pstl: 5649 3181 408
P4996	<i>ATPCL</i>	LD21334	pOT2	5226	FBgn0020236	<i>ACLY</i>	ENSG00000131473	Pstl: 5649 5102 1802 408
P4997	<i>scaf6</i>	LD21442	pOT2	3054	FBgn0261872	<i>CHERP</i>	ENSG00000085872	Pstl: 5649 2811 892 624 408 214 151 40
P4998	<i>Gprk2</i>	LD21923	pOT2	3075	FBgn0261988	<i>GRK4</i>	ENSG00000125388	Pstl: 5649 2731 1836 408 186
P4999	<i>CG6845</i>	LD22345	pOT2	2293	FBgn0035099	<i>DCST1</i>	ENSG00000163357	Pstl: 5649 3229 742 408
P5000	<i>scyl</i>	LD22812	pOT2	2590	FBgn0041094	<i>DDIT4L</i>	ENSG00000145358	Pstl: 5649 3504 764 408
P5001	<i>mor</i>	LD22973	pOT2	3949	FBgn0002783	<i>SMARCC2</i>	ENSG00000139613	Pstl: 5649 3197 2050 408 266 84 30
P5002	<i>CalpB</i>	LD23014	pOT2	3634	FBgn0025866	<i>CAPNS2</i>	ENSG00000256812	Pstl: 5649 4037 1275 408

P5003	<i>Mgat1</i>	LD23909	pOT2	2801	FBgn0034521	<i>MGAT1</i>	ENSG00000131446	Pstl: 5649 3868 611 408
P5004	<i>CG3735</i>	LD24119	pOT2	2202	FBgn0034933	<i>DIEXF</i>	ENSG00000117597	Pstl: 5649 2391 699 693 408 97
P5005	<i>AP-2alpha</i>	LD25254	pOT2	3866	FBgn0264855	<i>AP2A1</i>	ENSG00000196961	Pstl: 5649 2710 2390 408 251 193
P5006	<i>dik</i>	LD25551	pOT2	2699	FBgn0030891	<i>TADA3</i>	ENSG00000171148	Pstl: 5649 2348 705 555 523 408 246
P5007	<i>CG14650</i>	LD26442	pOT2	3607	FBgn0037252	<i>TRMT11</i>	ENSG00000066651	Pstl: 5649 1907 1238 807 771 408 330 232
P5008	<i>CG31064</i>	LD28220	pOT2	2629	FBgn0051064	<i>RUFY1</i>	ENSG00000176783	Pstl: 5649 2302 853 408 381 345 243 141 42
P5009	<i>Vps26</i>	LD29140	pOT2	2563	FBgn0014411	<i>VPS26A</i>	ENSG00000122958	Pstl: 5649 2752 1489 408
P5010	<i>CG3631</i>	LD29155	pOT2	2753	FBgn0038268	<i>FAM20B</i>	ENSG00000116199	Pstl: 5649 3389 1042 408
P5011	<i>mon2</i>	LD30939	pOT2	5442	FBgn0031985	<i>MON2</i>	ENSG00000061987	Pstl: 5649 1849 1626 1306 568 408 408 365 351 348 186 104 9
P5012	<i>MKP-4</i>	LD31102	pOT2	1816	FBgn0031044	<i>DUSP12</i>	ENSG00000081721	Pstl: 5649 2475 517 502 408
P5013	<i>sowah</i>	LD31582	pOT2	2312	FBgn0036302	<i>SOWAHD</i>	ENSG00000187808	Pstl: 5649 2828 1162 408
P5014	<i>spin</i>	LD31602	pOT2	2985	FBgn0086676	<i>SPNS1</i>	ENSG00000169682	Pstl: 5649 4663 408
P5015	<i>meigo</i>	LD32227	pOT2	1469	FBgn0250820	<i>SLC35B1</i>	ENSG00000121073	Pstl: 5649 1793 1197 408 157
P5016	<i>wcy</i>	LD32364	pOT2	4533	FBgn0030812	<i>WAC</i>	ENSG00000095787	Pstl: 5649 2989 2970 408 252
P5017	<i>CG1602</i>	LD33878	pOT2	1927	FBgn0033186	<i>ZNF563</i>	ENSG00000188868	Pstl: 5649 1872 1344 408 215 174
P5018	<i>msn</i>	LD34191	pOT2	4093	FBgn0010909	<i>TNIK</i>	ENSG00000154310	Pstl: 5649 3382 2389 408
P5019	<i>Spt20</i>	LD34837	pOT2	9337	FBgn0036374	<i>SUPT20H</i>	ENSG00000102710	Pstl: 5649 2593 2176 1846 1106 942 759 648 582 408 144 117 48 30 24
P5020	<i>feo</i>	LD35624	pOT2	2449	FBgn0030241	<i>PRC1</i>	ENSG00000198901	Pstl: 5649 2163 791 720 453 408
P5021	<i>Psi</i>	LD35640	pOT2	3214	FBgn0014870	<i>FUBP1</i>	ENSG00000162613	Pstl: 5649 2227 1146 1102 408 336 81
P5022	<i>SF1</i>	LD36095	pOT2	2697	FBgn0025571	<i>SF1</i>	ENSG00000168066	Pstl: 5649 4375 408
P5023	<i>tho2</i>	LD36155	pOT2	5411	FBgn0031390	<i>THOC2</i>	ENSG00000125676	Pstl: 5649 3656 3433 408
P5024	<i>Tis11</i>	LD36337	pOT2	2158	FBgn0011837	<i>ZFP36L2</i>	ENSG00000152518	Pstl: 5649 2121 909 536 408 270
P5025	<i>Smg5</i>	LD36341	pOT2	3817	FBgn0019890	<i>SMG5</i>	ENSG00000198952	Pstl: 5649 1573 1561 1407 614 408 211 129
P5026	<i>yin</i>	LD37353	pOT2	2746	FBgn0265575	<i>SLC15A2</i>	ENSG00000163406	Pstl: 5649 2095 1531 798 408
P5027	<i>su(f)</i>	LD38348	pOT2	2609	FBgn0003559	<i>CSTF3</i>	ENSG00000176102	Pstl: 5649 2585 1702 408
P5028	<i>Stt3A</i>	LD39332	pOT2	2494	FBgn0031149	<i>STT3B</i>	ENSG00000163527	Pstl: 5649 2426 1281 465 408
P5029	<i>Dhit</i>	LD40005	pOT2	2881	FBgn0028743	<i>RGS20</i>	ENSG00000147509	Pstl: 5649 2514 2045 408
P5030	<i>CG7656</i>	LD40324	pOT2	1329	FBgn0036516	<i>UBE2R2</i>	ENSG00000107341	Pstl: 5649 3007 408
P5031	<i>Yippee</i>	LD40977	pOT2	1275	FBgn0026749	<i>YPEL3</i>	ENSG00000090238	Pstl: 5649 2953 408
P5032	<i>CG12795</i>	LD41381	pOT2	1210	FBgn0031535	<i>ZFAND2A</i>	ENSG00000178381	Pstl: 5649 2595 408 293
P5033	<i>Cerk</i>	LD42647	pOT2	2777	FBgn0037315	<i>CERK</i>	ENSG00000100422	Pstl: 5649 2567 1130 758 408
P5034	<i>not</i>	LD43147	pOT2	2508	FBgn0013717	<i>USP51</i>	ENSG00000247746	Supplemental Table S1.
P5035	<i>CG15439</i>	LD43150	pOT2	3311	FBgn0031606	<i>PHF14</i>	ENSG00000106443	Pstl: 5649 4572 417 408
P5036	<i>flz</i>	LD43328	pOT2	6119	FBgn0033359	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2165 1924 1688 1486 463 408 71
P5037	<i>CG8188</i>	LD43934	pOT2	1959	FBgn0030863	<i>UBE2S</i>	ENSG00000108106	Pstl: 5649 2424 531 501 408 181
P5038	<i>CG34159</i>	LD45253	pOT2	958	FBgn0085188	<i>MCRIP1</i>	ENSG00000225663	Pstl: 5649 2636 408
P5039	<i>Cht7</i>	LD45559	pOT2	3946	FBgn0035398	<i>OVGP1</i>	ENSG00000085465	Pstl: 5649 3340 1607 677 408
P5040	<i>CG32409</i>	LD45683	pOT2	1210	FBgn0052409	<i>RRS1</i>	ENSG00000179041	Pstl: 5649 2888 408
P5041	<i>His1:CG33855</i>	LD45862	pOT2	898	FBgn0053855	<i>H1FO</i>	ENSG00000189060	Pstl: 5649 1781 615 408 180
P5042	<i>I(2)03709</i>	LD46344	pOT2	1486	FBgn0010551	<i>PHB2</i>	ENSG00000215021	Pstl: 5649 2665 499 408
P5043	<i>Nup153</i>	LD46479	pOT2	7863	FBgn0061200	<i>NUP153</i>	ENSG00000124789	Pstl: 5649 3241 2776 2330 744 408 390 60
P5044	<i>Cwc25</i>	LD47748	pOT2	1710	FBgn0031452	<i>CWC25</i>	ENSG00000273559	Pstl: 5649 3065 408 323
P5045	<i>ND-49</i>	LD47962	pOT2	1574	FBgn0039909	<i>NDUFS2</i>	ENSG00000158864	Pstl: 5649 2176 1076 408
P5046	<i>Lztr1</i>	LP01394	pOT2	4110	FBgn0040344	<i>LZTR1</i>	ENSG00000099949	Pstl: 5649 2228 2216 818 526 408
P5047	<i>Nha1</i>	LP02791	pOT2	2510	FBgn0031865	<i>SLC9B2</i>	ENSG00000164038	Pstl: 5649 4188 408
P5048	<i>Cul-4</i>	LP02965	pOT2	3381	FBgn0033260	<i>CUL3</i>	ENSG00000036257	Pstl: 5649 3707 1352 408
P5049	<i>fidipidine</i>	LP03584	pOT2	1929	FBgn0025519	<i>CCDC93</i>	ENSG00000125633	Pstl: 5649 1653 1489 408 396 69
P5050	<i>Cog8</i>	LP04141	pOT2	1860	FBgn0032361	<i>COG8</i>	ENSG00000213380	Pstl: 5649 1996 531 408 402 357 134 69 49

P5051	<i>PAN2</i>	LP04771	pOT2	4047	FBgn0033352	<i>PAN2</i>	ENSG00000135473	Supplemental Table S1.
P5052	<i>Cht3</i>	LP05745	pOT2	7116	FBgn0250907	<i>OVGP1</i>	ENSG00000085465	Pstl: 8426 5649 408 368
P5053	<i>CG8774</i>	LP07229	pOT2	2956	FBgn0038136	<i>ENPEP</i>	ENSG00000138792	Pstl: 5649 2367 2267 408
P5054	<i>CG14894</i>	LP07287	pOT2	957	FBgn0038428	<i>TTC1</i>	ENSG00000113312	Pstl: 5649 1588 1047 408
P5055	<i>mnb</i>	LP07621	pOT2	4271	FBgn0259168	<i>DYRK1A</i>	ENSG00000157540	Pstl: 5649 3360 2166 423 408
P5056	<i>Usp14</i>	LP08774	pOT2	1553	FBgn0032216	<i>USP14</i>	ENSG00000101557	Supplemental Table S1.
P5057	<i>CG17715</i>	LP09246	pOT2	2787	FBgn0041004	<i>TMEM65</i>	ENSG00000164983	Pstl: 5649 4465 408
P5058	<i>CG7083</i>	LP10110	pOT2	1982	FBgn0035877	<i>C16orf70</i>	ENSG00000125149	Pstl: 5649 2297 1363 408
P5059	<i>Hsp70Ba</i>	LP11008	pOT2	2342	FBgn0013277	<i>NCKAP1L</i>	ENSG00000123338	Pstl: 5649 2606 1085 408 221 108
P5060	<i>Dcp2</i>	LP11827	pOT2	3662	FBgn0036534	<i>DCP2</i>	ENSG00000172795	Pstl: 5649 2191 1664 1485 408
P5061	<i>Jon99Cii</i>	LP12217	pOT2	866	FBgn0003356	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2544 408
P5062	<i>CG12379</i>	LP13032	pOT2	580	FBgn0030676	<i>DNLZ</i>	ENSG00000213221	Pstl: 5649 1890 408 368
P5063	<i>CG34348</i>	LP13185	pOT2	1634	FBgn0085377	<i>TMEM68</i>	ENSG00000167904	Pstl: 5649 2762 550 408
P5064	<i>CG7912</i>	LP13633	pOT2	2020	FBgn0039736	<i>SLC26A11</i>	ENSG00000181045	Pstl: 5649 3304 408 394
P5065	<i>Shroom</i>	LP13775	pOT2	5294	FBgn0085408	<i>SHROOM2</i>	ENSG00000146950	Pstl: 5649 2444 1594 1422 560 408 406 258 144 144
P5066	<i>Rpi</i>	LP13860	pOT2	1070	FBgn0050410	<i>RPIA</i>	ENSG00000153574	Pstl: 5649 2093 655 408
P5067	<i>Sting</i>	LP14056	pOT2	1579	FBgn0033453	<i>TMEM173</i>	ENSG00000184584	Pstl: 5649 3257 408
P5068	<i>Mdr50</i>	LP14331	pOT2	4274	FBgn0010241	<i>ABCB5</i>	ENSG00000004846	Pstl: 5649 3122 2830 408
P5069	<i>Spn28Dc</i>	LP15633	pOT2	1856	FBgn0031973	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 1912 797 408 390 225 210
P5070	<i>ttm2</i>	LP16167	pOT2	1463	FBgn0035124	<i>TIMM50</i>	ENSG00000105197	Pstl: 5649 3141 408
P5071	<i>neb</i>	LP17758	pOT2	3578	FBgn0004374	<i>KIF14</i>	ENSG00000118193	Pstl: 5649 1789 1253 837 526 514 408 337
P5072	<i>CG4562</i>	LP18549	pOT2	4538	FBgn0038740	<i>ABCC1</i>	ENSG00000103222	Pstl: 5649 4041 2175 408
P5073	<i>scro</i>	LP19328	pOT2	1081	FBgn0028993	<i>NKX2-8</i>	ENSG00000136327	Pstl: 5649 2759 408
P5074	<i>Ndg</i>	LP19846	pOT2	4807	FBgn0026403	<i>NID1</i>	ENSG00000116962	Pstl: 5649 4433 1551 501 408
P5075	<i>CG13605</i>	LP20373	pOT2	2138	FBgn0039150	<i>RNFT1</i>	ENSG00000189050	Pstl: 5649 2518 789 509 408
P5076	<i>KP78b</i>	LP21052	pOT2	5006	FBgn0026063	<i>TSSK1B</i>	ENSG00000212122	Pstl: 5649 2445 1894 1054 658 633 408
P5077	<i>CG7025</i>	LP21640	pOT2	1361	FBgn0031930	<i>CPB2</i>	ENSG00000080618	Pstl: 5649 2610 429 408
P5078	<i>Dscam3</i>	LP21844	pOT2	3678	FBgn0261046	<i>IGSF10</i>	ENSG00000152580	Pstl: 5649 2629 987 792 438 408 279 231
P5079	<i>CG44837</i>	LP22157	pOT2	3764	FBgn0266100	<i>DPEP1</i>	ENSG00000015413	Pstl: 5649 4784 658 408
P5080	<i>Brca2</i>	LP23835	pOT2	3226	FBgn0050169	<i>BRCA2</i>	ENSG00000139618	Pstl: 5649 2931 1376 597 408
P5081	<i>Atg1</i>	LP23904	pOT2	4044	FBgn0260945	<i>ULK2</i>	ENSG00000083290	Pstl: 5649 2888 1500 1334 408
P5082	<i>CG10869</i>	LP24076	pOT2	2245	FBgn0031347	<i>QRICH2</i>	ENSG00000129646	Pstl: 5649 1657 641 516 427 408 353 329
P5083	<i>sle</i>	LP24365	pOT2	4730	FBgn0037810	<i>CHAMP1</i>	ENSG00000198824	Pstl: 5649 5160 1248 408
P5084	<i>su(w[a])</i>	SD01276	pOT2	4044	FBgn0003638	<i>SFSWAP</i>	ENSG00000061936	Pstl: 5649 3663 855 493 408 381 330
P5085	<i>l(1)G0222</i>	SD02148	pOT2	3894	FBgn0028343	<i>ANKLE2</i>	ENSG00000176915	Pstl: 5649 5572 408
P5086	<i>CG13384</i>	SD05512	pOT2	2586	FBgn0032036	<i>SLC36A1</i>	ENSG00000123643	Pstl: 5649 3266 998 408
P5087	<i>sxc</i>	SD06381	pOT2	3688	FBgn0261403	<i>OGT</i>	ENSG00000147162	Pstl: 5649 5366 408
P5088	<i>Svil</i>	SD07506	pOT2	4513	FBgn0266696	<i>SVIL</i>	ENSG00000197321	Pstl: 5649 3160 1377 1250 408 330 74
P5089	<i>CG5913</i>	SD08037	pOT2	1493	FBgn0039385	<i>FAM98C</i>	ENSG00000130244	Pstl: 5649 3171 408
P5090	<i>olf186-F</i>	SD10626	pOT2	3304	FBgn0041585	<i>ORAI2</i>	ENSG00000160991	Pstl: 5649 4982 408
P5091	<i>Mrp4</i>	SD11716	pOT2	4744	FBgn0263316	<i>ABCC1</i>	ENSG00000103222	Pstl: 5649 2223 2205 1994 408
P5092	<i>CSN8</i>	SD12355	pOT2	649	FBgn0261437	<i>COPS8</i>	ENSG00000198612	Pstl: 5649 1907 420 408
P5093	<i>CG6966</i>	SD14914	pOT2	3444	FBgn0038286	<i>FEM1C</i>	ENSG00000145780	Pstl: 5649 2039 1714 1369 408
P5095	<i>CG17760</i>	SD21019	pOT2	1529	FBgn0033756	<i>GNAZ</i>	ENSG00000128266	Pstl: 5649 2717 490 408
P5096	<i>MED10</i>	SD24044	pOT2	713	FBgn0036581	<i>MED10</i>	ENSG00000133398	Pstl: 5649 2391 408
P5097	<i>CG11593</i>	SD27708	pOT2	2127	FBgn0035488	<i>LHX3</i>	ENSG00000107187	Pstl: 5649 3805 408
P5098	<i>Ork1</i>	FI03618	pOT2	3998	FBgn0017561	<i>KCNK15</i>	ENSG00000124249	Pstl: 5649 3096 2580 408
P5099	<i>retm</i>	FI03669	pOT2	3332	FBgn0031814	<i>SEC14L5</i>	ENSG00000103184	Pstl: 5649 2666 1482 661 408 201

P5100	<i>Sodh-1</i>	FI05212	pOT2	1404	FBgn0024289	<i>SORD</i>	ENSG00000140263	Pstl: 5649 3082 408
P5101	<i>park</i>	FI05213	pOT2	1569	FBgn0041100	<i>PRKN</i>	ENSG00000185345	Pstl: 5649 1929 1318 408
P5102	<i>CDK2AP1</i>	FI05233	pOT2	1827	FBgn0030269	<i>CDK2AP1</i>	ENSG00000111328	Pstl: 5649 2038 840 627 408
P5103	<i>kat80</i>	FI05258	pOT2	3287	FBgn0040207	<i>KATNB1</i>	ENSG00000140854	Pstl: 5649 2490 2475 408
P5104	<i>CG4822</i>	FI05267	pOT2	4255	FBgn0031220	<i>ABCG5</i>	ENSG00000138075	Pstl: 5649 5394 539 408
P5105	<i>l(1)G0255</i>	FI05334	pOT2	1727	FBgn0028336	<i>FH</i>	ENSG00000091483	Pstl: 5649 3405 408
P5106	<i>Coq9</i>	FI05339	pOT2	1611	FBgn0050493	<i>COQ9</i>	ENSG00000088682	Pstl: 5649 2294 423 408 285 236 51
P5107	<i>pea</i>	FI05376	pOT2	3904	FBgn0086895	<i>DHX15</i>	ENSG00000109606	Pstl: 5649 2290 2260 599 408 244 189
P5108	<i>Ubr1</i>	FI05389	pOT2	6381	FBgn0030809	<i>UBR2</i>	ENSG00000024048	Pstl: 5649 2194 1482 1040 948 789 585 534 408 250 198 26 13
P5109	<i>SCaMC</i>	FI05451	pOT2	2642	FBgn0052103	<i>SLC25A24</i>	ENSG00000085491	Pstl: 5649 2021 1276 1023 408
P5110	<i>elf3-S8</i>	FI05918	pOT2	3246	FBgn0034258	<i>EIF3CL</i>	ENSG00000205609	Pstl: 5649 2919 1309 408 408 288
P5111	<i>CG32444</i>	FI07622	pOT2	1315	FBgn0043783	<i>GALM</i>	ENSG00000143891	Pstl: 5649 2146 847 408
P5112	<i>Egfp2</i>	FI07625	pOT2	994	FBgn0034883	<i>AQP2</i>	ENSG00000167580	Pstl: 5649 2434 408 238
P5113	<i>Non3</i>	FI07636	pOT2	1071	FBgn0038585	<i>RPF2</i>	ENSG00000197498	Pstl: 5649 2023 408 375 351
P5114	<i>CG10510</i>	FI07739	pOT2	1756	FBgn0037059	<i>CCDC65</i>	ENSG00000139537	Pstl: 5649 1999 1111 408 324
P5115	<i>CG12320</i>	FI07768	pOT2	1262	FBgn0038590	<i>PPP5D1</i>	ENSG00000230510	Pstl: 5649 1981 753 408 206
P5116	<i>plh</i>	FI07910	pOT2	921	FBgn0037292	<i>MPV17</i>	ENSG00000115204	Pstl: 5649 1774 825 408
P5117	<i>Mad1</i>	FI09619	pOT2	2448	FBgn0026326	<i>MAD1L1</i>	ENSG00000002822	Pstl: 5649 2152 645 447 408 369 288 135 90
P5118	<i>LSm-4</i>	FI09731	pOT2	1569	FBgn0067622	<i>COMMD5</i>	ENSG00000170619	Pstl: 5649 3247 408
P5119	<i>CG9175</i>	FI09914	pOT2	2105	FBgn0031779	<i>PREB</i>	ENSG00000138073	Pstl: 5649 2278 983 408 234 150 138
P5120	<i>MED1</i>	GH04746	pOT2	4976	FBgn0037109	<i>MED1</i>	ENSG00000125686	Pstl: 5649 3004 1057 627 522 473 408 389 333 201 48
P5121	<i>Usp7</i>	LD31049	pOT2	4568	FBgn0030366	<i>USP40</i>	ENSG00000085982	Supplemental Table S1.
P5122	<i>Fatp3</i>	LP13314	pOT2	3187	FBgn0034999	<i>SLC27A1</i>	ENSG00000130304	Pstl: 5649 2834 1106 925 408
P5123	<i>E5</i>	FI01131	pOT2	2141	FBgn0008646	<i>EMX2</i>	ENSG00000170370	Pstl: 5649 1964 1834 408 21
P5124	<i>CaMKII</i>	FI03620	pOT2	2402	FBgn0264607	<i>CLEC18A</i>	ENSG00000157322	Pstl: 5649 2428 1059 593 408
P5125	<i>CG10431</i>	FI03638	pOT2	3383	FBgn0032730	<i>THAP8</i>	ENSG00000161277	Pstl: 5649 2662 2399 408
P5126	<i>Fhos</i>	FI03664	pOT2	4325	FBgn0266084	<i>FHOD3</i>	ENSG00000134775	Pstl: 6003 5649 408
P5127	<i>Rint1</i>	FI03678	pOT2	2405	FBgn0035762	<i>RINT1</i>	ENSG00000135249	Pstl: 5649 2465 891 583 408 144
P5128	<i>net</i>	FI03708	pOT2	1573	FBgn0002931	<i>ATOH7</i>	ENSG00000179774	Pstl: 5649 2381 870 408
P5129	<i>CG16799</i>	MIP05422	pOT2	713	FBgn0034538	<i>LYZ</i>	ENSG00000090382	Pstl: 5649 2076 408 315
P5130	<i>Bzd</i>	MIP05435	pOT2	1780	FBgn0011566	<i>SMYD1</i>	ENSG00000115593	Pstl: 5649 2874 584 408
P5131	<i>CG15629</i>	MIP05442	pOTB7_DraIII	1460	FBgn0031630	<i>HSD17B11</i>	ENSG00000198189	Pstl: 7174 1784 408
P5132	<i>CG17974</i>	MIP05446	pOT2	1038	FBgn0034624	<i>PI15</i>	ENSG00000137558	Pstl: 5649 2136 580 408
P5133	<i>Ass</i>	MIP05494	pOTB7_DraIII	1434	FBgn0026565	<i>ASS1</i>	ENSG00000130707	Pstl: 7174 1758 408
P5134	<i>CG7335</i>	MIP05512	pOT2	1265	FBgn0036941	<i>KHK</i>	ENSG00000138030	Pstl: 5649 2943 408
P5135	<i>Spn31A</i>	MIP05602	pOT2	1388	FBgn0032178	<i>SERPINA7</i>	ENSG00000123561	Pstl: 5649 2002 455 408 234 219 105 45 6
P5136	<i>CG11843</i>	MIP05615	pOT2	1064	FBgn0039630	<i>KLK9</i>	ENSG00000213022	Pstl: 5649 2392 408 350
P5137	<i>Sytalpha</i>	MIP05618	pOT2	1950	FBgn0261089	<i>SYT5</i>	ENSG00000129990	Pstl: 5649 3301 408 327
P5138	<i>Ugt37A3</i>	MIP05624	pOT2	1686	FBgn0038083	<i>UGT1A9</i>	ENSG00000241119	Pstl: 5649 2629 735 408
P5139	<i>CG8833</i>	MIP05637	pOT2	2979	FBgn0036386	<i>GPATCH1</i>	ENSG00000076650	Pstl: 5649 3356 1247 408 54
P5140	<i>Galphaf</i>	MIP05652	pOT2	1829	FBgn0010223	<i>GNAZ</i>	ENSG00000128266	Pstl: 5649 3507 408
P5141	<i>beat-VI</i>	MIP05670	pOT2	1932	FBgn0039584	<i>CADM2</i>	ENSG00000175161	Pstl: 5649 1949 977 564 408 78 42
P5142	<i>Tengl2</i>	MIP05744	pOT2	1037	FBgn0052463	<i>EXOG</i>	ENSG00000157036	Pstl: 5649 2715 408
P5143	<i>Tsp3A</i>	MIP05777	pOT2	1617	FBgn0040334	<i>TSPAN5</i>	ENSG00000168785	Pstl: 5649 2037 883 408 280 95
P5144	<i>Tdc2</i>	MIP05841	pOT2	2321	FBgn0050446	<i>DDC</i>	ENSG00000132437	Pstl: 5649 2580 993 426 408
P5145	<i>CG31823</i>	MIP05907	pOT2	1741	FBgn0051823	<i>SCPEP1</i>	ENSG00000121064	Pstl: 5649 3419 408
P5146	<i>CG4884</i>	MIP05919	pOT2	1107	FBgn0039565	<i>C6orf203</i>	ENSG00000130349	Pstl: 5649 2049 736 408
P5147	<i>Cyp313a1</i>	MIP05930	pOT2	1633	FBgn0038236	<i>CYP4F3</i>	ENSG00000186529	Pstl: 5649 3311 408

P5148	CG31345	MIP06012	pOT2	994	FBgn0051345	CAPS	ENSG00000105519	Pstl: 5649 2282 408 390
P5149	CG12512	MIP06029	pOT2	2051	FBgn0031703	ACSF2	ENSG00000167107	Pstl: 5649 3133 408 323 273
P5150	CG3841	MIP07229	pOT2	2073	FBgn0032131	CES2	ENSG00000172831	Pstl: 5649 3751 408
P5151	CG8641	MIP08469	pOT2	2305	FBgn0035733	RASD2	ENSG00000100302	Pstl: 5649 3983 408
P5152	CG8534	MIP05430	pOTB7_DraIII	1016	FBgn0037761	CBR4	ENSG00000145439	Pstl: 7174 1340 408
P5153	14-3-3epsilon	MIP08648	pOT2	1204	FBgn0020238	YWHAZ	ENSG00000164924	Pstl: 5649 2882 408
P5154	CG18428	MIP13681	pOT2	591	FBgn0039149	ARL6IP4	ENSG00000182196	Pstl: 5649 2269 408
P5155	CG10866	MIP13712	pOT2	1359	FBgn0035475	TMEM267	ENSG00000151881	Pstl: 5649 3037 408
P5156	CG14182	MIP13743	pOT2	954	FBgn0036922	C16orf52	ENSG00000185716	Pstl: 5649 2248 408 384
P5157	CG10166	MIP13910	pOT2	807	FBgn0032799	DPM1	ENSG00000000419	Pstl: 5649 2134 408 351
P5158	Hsc20	MIP14027	pOT2	938	FBgn0263606	HSCB	ENSG00000100209	Pstl: 5649 2616 408
P5159	CG34293	MIP14036	pOT2	741	FBgn0085322	SPTSSA	ENSG00000165389	Pstl: 5649 2419 408
P5160	LysD	MIP14090	pOTB7_DraIII	518	FBgn0004427	LYZ	ENSG00000090382	Pstl: 7174 561 408 281
P5161	CG34454	MIP14343	pOT2	647	FBgn0085483	SPINK14	ENSG00000196800	Pstl: 5649 2325 408
P5162	CG3649	MIP14345	pOT2	1564	FBgn0034785	SLC17A4	ENSG00000146039	Pstl: 5649 3015 408 227
P5163	Fen1	MIP14376	pOT2	1388	FBgn0025832	FEN1	ENSG00000168496	Pstl: 5649 3066 408
P5164	PGRP-SB2	MIP14408	pOT2	706	FBgn0043577	PGLYRP4	ENSG00000163218	Pstl: 5649 2384 408
P5165	CG5171	MIP14842	pOT2	1204	FBgn0031907	YIPF6	ENSG00000181704	Pstl: 5649 2882 408
P5166	Ufm1	MIP14971	pOT2	603	FBgn0085220	UFM1	ENSG00000120686	Pstl: 5649 2281 408
P5167	osm-6	MIP14443	pOTB7_DraIII	1496	FBgn0031829	IFT52	ENSG00000101052	Pstl: 7174 890 462 408 238 221 9
P5168	qjt	MIP22128	pOT2	1010	FBgn0036730	NSMCE2	ENSG00000156831	Pstl: 5649 2688 408
P5169	CG9662	MIP14365	pOT2	846	FBgn0031529	OSTC	ENSG00000198856	Pstl: 5649 1831 693 408
P5170	l(3)72Dr	MIP26173	pOTB7_DraIII	1166	FBgn0263608	GGH	ENSG00000137563	Pstl: 7174 1212 408 278
P5171	CG42300	MIP26115	pOT2	719	FBgn0259196	NSMCE2	ENSG00000156831	Pstl: 5649 2397 408
P5172	CG41106	MIP26267	pOTB7_DraIII	577	FBgn0069938	CNEP1R1	ENSG00000205423	Pstl: 7174 901 408
P5173	Scgdelta	MIP05434	pOT2	2335	FBgn0025391	SGCZ	ENSG00000185053	Pstl: 5649 2063 1208 436 408 188 103 15
P5174	CG8270	MIP05619	pOT2	2141	FBgn0035703	C18orf8	ENSG00000141452	Pstl: 5649 3321 498 408
P5175	Hsepi	MIP05843	pOT2	3030	FBgn0033087	GLCE	ENSG00000138604	Pstl: 5649 2854 1854 408
P5176	4EHP	MIP06235	pOT2	1653	FBgn0053100	EIF4E2	ENSG00000135930	Pstl: 5649 2623 708 408
P5177	CG43110	MIP06385	pOT2	1664	FBgn0262570	KLK9	ENSG00000213022	Pstl: 5649 3342 408
P5178	CG42658	MIP07152	pOT2	782	FBgn0261523	MOSPD3	ENSG00000106330	Pstl: 5649 1809 651 408
P5179	elfless	MIP08280	pOT2	1660	FBgn0032660	TRIM35	ENSG00000104228	Pstl: 5649 3338 408
P5180	Jon74E	MIP14285	pOT2	961	FBgn0023197	KLK9	ENSG00000213022	Pstl: 5649 2639 408
P5181	CG31515	MIP16647	pOTB7_DraIII	486	FBgn0051515	ADAMTS7	ENSG00000136378	Pstl: 7174 810 408
P5182	CG16965	MIP16835	pOT2	2294	FBgn0032387	PGGHG	ENSG00000142102	Pstl: 5649 3049 839 408 84
P5183	step	MIP16918	pOT2	4694	FBgn0086779	ARFGEF1	ENSG00000066777	Pstl: 6372 5649 408
P5184	Prip	MIP17260	pOTB7_DraIII	1499	FBgn0033635	AQP2	ENSG00000167580	verified by sequencing
P5185	CG4733	MIP22305	pOT2	3490	FBgn0038744	PPP2R3A	ENSG00000073711	Pstl: 5649 2198 1600 1370 408
P5186	CG11600	MIP26281	pOTB7_DraIII	1355	FBgn0038068	LIPA	ENSG00000107798	Pstl: 7174 1679 408
P5187	St4	MIP05809	pOTB7_DraIII	1094	FBgn0033887	SULT1C4	ENSG00000198075	Pstl: 7174 872 546 408
P5188	CG34173	MIP29362	pOT2	407	FBgn0085202	TOMM5	ENSG00000175768	Pstl: 5649 2085 408
P5189	Arp53D	MIP14694	pOT2	1394	FBgn0011743	ACTC1	ENSG00000159251	Pstl: 5649 3072 408
P5190	CG43061	MIP06151	pOT2	321	FBgn0262363	CLPS	ENSG00000137392	Pstl: 5649 1999 408
P5191	CG42726	FI21258	pOT2	2303	FBgn0261679	ZNF563	ENSG00000188868	Pstl: 5649 1839 1287 855 408
P5192	CG13148	FI21293	pOTB7_DraIII	1644	FBgn0033767	MSANTD2	ENSG00000120458	Pstl: 7174 730 557 441 408 240
P5193	CG15820	FI21255	pOT2	1198	FBgn0035312	SERHL2	ENSG00000183569	Pstl: 5649 2520 408 356
P5194	mldr	FI21245	pOT2	1749	FBgn0029858	KIAA0391	ENSG00000100890	Pstl: 5649 2809 618 408
P5195	Msi	FI21284	pOTB7_DraIII	1836	FBgn0043025	ADA2	ENSG00000093072	Pstl: 7174 2160 408

P5196	CG9302	FI21342	pOT2	1990	FBgn0032514	PDIA5	ENSG00000065485	Pstl: 5649 3668 408
P5197	<i>Semp1</i>	FI21758	pOTB7_DraIII	808	FBgn0028944	ASTL	ENSG00000188886	Pstl: 7174 1132 408
P5198	CG16848	FI21750	pOTB7_DraIII	1215	FBgn0032522	FLAD1	ENSG00000160688	Pstl: 7174 1539 408
P5199	Sas-6	FI21744	pOTB7_DraIII	1528	FBgn0039731	SASS6	ENSG00000156876	Pstl: 7174 1159 489 408 204
P5200	CG15262	FI22161	pOTB7_DraIII	1578	FBgn0028852	CNOT2	ENSG00000111596	Pstl: 7174 1902 408
P5201	<i>Adgf-E</i>	FI22878	pOTB7_DraIII	1809	FBgn0033952	ADA2	ENSG00000093072	Pstl: 7174 2133 408
P5202	CG12288	FI22814	pOT2	1552	FBgn0032620	RBM34	ENSG00000188739	Pstl: 5649 2590 640 408
P5203	CG14304	MIP13644	pOT2	3249	FBgn0038629	MAGED1	ENSG00000179222	Pstl: 5649 4322 605 408
P5204	<i>pbl</i>	MIP14634	pOT2	2623	FBgn0003041	TOPBP1	ENSG00000163781	Pstl: 5649 3244 1057 408
P5205	<i>lok</i>	MIP15402	pOT2	2302	FBgn0019686	CLEC18A	ENSG00000157322	Pstl: 5649 2045 1935 408
P5206	<i>sname</i>	MIP16350	pOT2	2202	FBgn0086129	RBBP6	ENSG00000122257	Pstl: 5649 2147 1490 408 243
P5207	CG2698	MIP20741	pOT2	3344	FBgn0037536	TMEM245	ENSG00000106771	Pstl: 5649 2508 1298 1024 408 192
P5208	CG5707	MIP21537	pOT2	1676	FBgn0026593	SERHL2	ENSG00000183569	Pstl: 5649 3354 408
P5210	CG32191	MIP05773	pOT2	2095	FBgn0052191	ARSJ	ENSG00000180801	Pstl: 5649 3498 408 275
P5211	CG34194	FI16908	pOTB7_DraIII	690	FBgn0085223	SPTSSA	ENSG00000165389	Pstl: 7174 1014 408
P5212	CG6149	FI16912	pOTB7_DraIII	807	FBgn0036158	AIG1	ENSG00000146416	Pstl: 7174 1131 408
P5213	<i>Tak12</i>	FI16976	pOTB7_DraIII	954	FBgn0039015	MAP3K7	ENSG00000135341	Pstl: 7174 694 584 408
P5214	CG34025	FI16907	pOT2	1245	FBgn0054025	FBXL18	ENSG00000155034	Pstl: 5649 2923 408
P5215	<i>Tusp</i>	FI16909	pOT2	5474	FBgn0039530	TULP4	ENSG00000130338	Pstl: 5649 3659 1236 1147 408 398 227 157 133 99 70 26
P5216	CG15144	FI16910	pOT2	3330	FBgn0032648	MAATS1	ENSG00000183833	Pstl: 5649 2714 1593 701 408
P5217	CG8138	FI17037	pOTB7_DraIII	821	FBgn0038122	C4orf22	ENSG00000197826	Pstl: 7174 1145 408
P5218	CG14971	FI19868	pOT2	2467	FBgn0035449	SLC35C2	ENSG00000080189	Pstl: 5649 4145 408
P5219	<i>Prosalph4T2</i>	FI20749	pOT2	1220	FBgn0017556	PSMA8	ENSG00000154611	Pstl: 5649 2652 408 246
P5220	<i>Taf12L</i>	MIP14426	pOTB7_DraIII	466	FBgn0031623	TAF12	ENSG00000120656	verified by sequencing
P5221	CG42464	MIP16568	pOTB7_DraIII	324	FBgn0259954	ADAMTS7	ENSG00000136378	Pstl: 7174 648 408
P5222	<i>mRpL49</i>	MIP20590	pOTB7_DraIII	691	FBgn0030433	MRPL49	ENSG00000149792	Pstl: 7174 1015 408
P5223	CG43076	MIP31873	pOTB7_DraIII	794	FBgn0262486	TMEM101	ENSG00000091947	Pstl: 7174 1118 408
P5224	CG12661	MIP32340	pOTB7_DraIII	548	FBgn0030071	FAM136A	ENSG00000035141	Pstl: 7174 872 408
P5225	<i>kud</i>	MIP32344	pOTB7_DraIII	347	FBgn0036667	TMEM258	ENSG00000134825	Pstl: 7174 671 408
P5226	<i>Grx-1</i>	MIP32457	pOTB7_DraIII	546	FBgn0034658	GLRX2	ENSG00000023572	Pstl: 7174 408 278 221 199 110 62
P5227	CG34325	MIP06432	pOTB7_DraIII	1352	FBgn0085354	LHX3	ENSG00000107187	Pstl: 7174 1676 408
P5228	<i>Aats-lys</i>	LD41976	pOT2	1996	FBgn0027084	KARS	ENSG00000065427	Pstl: 5649 2216 1458 408
P5229	<i>Jon99Fi</i>	TA01126	pOTB7_DraIII	872	FBgn0039778	KLK9	ENSG00000213022	Pstl: 7174 1196 408
P5230	<i>PGRP-SD</i>	TA01534	pOTB7_DraIII	740	FBgn0035806	PGLYRP4	ENSG00000163218	Pstl: 7174 1064 408
P5231	<i>mRpL34</i>	TD01073	pOTB7_DraIII	336	FBgn0083983	MRPL34	ENSG00000130312	Pstl: 7174 660 408
P5232	GC2	AT03939	pOTB7	1093	FBgn0037970	SLC25A12	ENSG00000115840	Pstl: 7174 955 462 408
P5233	CG31550	AT04280	pOTB7	2613	FBgn0051550	SUGP1	ENSG00000105705	Pstl: 7174 2937 408
P5234	CG1640	AT04676	pOTB7	1998	FBgn0030478	GPT	ENSG00000167701	Pstl: 7174 2322 408
P5235	<i>Gpo3</i>	AT06856	pOTB7	2260	FBgn0028848	GPD2	ENSG00000115159	Pstl: 7174 2584 408
P5236	CG10089	AT07276	pOTB7	4302	FBgn0036369	DUSP14	ENSG00000276023	Pstl: 7174 3821 676 408 129
P5237	<i>Rpn13</i>	AT08455	pOTB7	1531	FBgn0033886	ADRM1	ENSG00000130706	Pstl: 7174 1855 408
P5238	CG5062	AT09729	pOTB7	2075	FBgn0029747	CFAP45	ENSG00000213085	Pstl: 7174 2399 408
P5239	<i>Vha68-3</i>	AT09773	pOTB7	2444	FBgn0032464	ATP6V1A	ENSG00000114573	Pstl: 7174 2051 606 408 111
P5240	<i>Nep5</i>	AT14086	pOTB7	3551	FBgn0039478	MMEL1	ENSG00000142606	Pstl: 7174 1874 714 615 489 408 153 21 9
P5241	CG31773	AT16211	pOTB7	2518	FBgn0051773	FPGS	ENSG00000136877	Pstl: 7174 2184 658 408
P5242	<i>f-cup</i>	AT17592	pOTB7	3392	FBgn0028487	MFHAS1	ENSG00000147324	Pstl: 7174 1796 695 673 408 282 270
P5243	CG11322	AT18606	pOTB7	1783	FBgn0031856	GCNA	ENSG00000147174	verified by sequencing
P5244	<i>klhl10</i>	AT19737	pOTB7	2715	FBgn0040038	KLHL10	ENSG00000161594	Pstl: 7174 2815 408 224

P5245	<i>CG42724</i>	AT20168	pOTB7	2927	FBgn0261641	<i>TCERG1</i>	ENSG00000113649	Pstl: 7174 1748 874 614 408 15
P5246	<i>Larp4B</i>	AT27581	pOTB7	3912	FBgn0035424	<i>LARP4</i>	ENSG00000161813	Pstl: 7174 1982 1266 408 287 283 211 207
P5247	<i>tHMG2</i>	AT28425	pOTB7	621	FBgn0038979	<i>HMG20A</i>	ENSG00000140382	verified by sequencing
P5248	<i>CG32755</i>	AT28579	pOTB7	1384	FBgn0052755	<i>KLK9</i>	ENSG00000213022	verified by sequencing
P5249	<i>CG3927</i>	AT29209	pOTB7	1100	FBgn0034739	<i>KHDRBS2</i>	ENSG00000112232	Pstl: 7174 1424 408
P5250	<i>l-3</i>	AT30947	pOTB7	800	FBgn0261624	<i>PPP1R11</i>	ENSG00000204619	Pstl: 7174 1124 408
P5251	<i>CG32487</i>	AT31245	pOTB7	1079	FBgn0052487	<i>PGP</i>	ENSG00000184207	Pstl: 7174 777 626 408
P5252	<i>tam</i>	FI06005	pOTB7	3700	FBgn0004406	<i>POLG</i>	ENSG00000140521	Pstl: 7174 1752 1728 544 408
P5253	<i>CG13436</i>	FI06007	pOTB7	1935	FBgn0034532	<i>CFAP206</i>	ENSG00000272514	Pstl: 7174 807 563 535 408 316 38
P5254	<i>Rpn3</i>	FI06020	pOTB7	1824	FBgn0261396	<i>PSMD3</i>	ENSG00000108344	Pstl: 7174 1889 408 259
P5255	<i>CG17173</i>	FI06023	pOTB7	1599	FBgn0036447	<i>MGAT4B</i>	ENSG00000161013	Pstl: 7174 898 560 465 408
P5256	<i>Ntl</i>	FI06025	pOTB7	2013	FBgn0267326	<i>SLC6A1</i>	ENSG00000157103	Pstl: 7174 2337 408
P5257	<i>Aats-trp</i>	FI06027	pOTB7	1745	FBgn0010803	<i>WARS</i>	ENSG00000140105	verified by sequencing
P5258	<i>CG15097</i>	FI06141	pOTB7	2679	FBgn0034396	<i>KLHL12</i>	ENSG00000117153	Pstl: 7174 1297 945 623 408 138
P5259	<i>CG2218</i>	FI06144	pOTB7	2315	FBgn0039767	<i>UBOX5</i>	ENSG00000185019	Pstl: 7174 1813 826 408
P5260	<i>CG6220</i>	FI06213	pOTB7	1374	FBgn0033865	<i>CDC73</i>	ENSG00000134371	Pstl: 7174 1196 502 408
P5261	<i>RhoGAP92B</i>	FI06314	pOTB7	3058	FBgn0038747	<i>LHX3</i>	ENSG00000107187	verified by sequencing
P5262	<i>CG5906</i>	FI08002	pOTB7	881	FBgn0036217	<i>MPV17</i>	ENSG00000115204	Pstl: 7174 1205 408
P5263	<i>CG3500</i>	FI08011	pOTB7	971	FBgn0034849	<i>TEX261</i>	ENSG00000144043	verified by sequencing
P5264	<i>CG12782</i>	FI08018	pOTB7	1228	FBgn0034838	<i>BUB3</i>	ENSG00000154473	Pstl: 7174 1552 408
P5265	<i>Tim17a1</i>	FI08019	pOTB7	916	FBgn0038018	<i>TIMM17B</i>	ENSG00000126768	Pstl: 7174 1240 408
P5266	<i>Parp16</i>	FI08022	pOTB7	1498	FBgn0034129	<i>PARP16</i>	ENSG00000138617	Pstl: 7174 1056 408 387 379
P5267	<i>Slc25A46b</i>	FI08023	pOTB7	1437	FBgn0032664	<i>SLC25A46</i>	ENSG00000164209	Pstl: 7174 1188 573 408
P5268	<i>LS2</i>	FI08027	pOTB7	1428	FBgn0034834	<i>U2AF2</i>	ENSG00000063244	Pstl: 7174 983 769 408
P5269	<i>CG9961</i>	FI08030	pOTB7	1458	FBgn0031451	<i>PGK2</i>	ENSG00000170950	Pstl: 7174 1782 408
P5270	<i>Yif1</i>	FI08032	pOTB7	1599	FBgn0039450	<i>YIF1A</i>	ENSG00000174851	Pstl: 7174 1261 662 408
P5271	<i>CG15605</i>	FI08039	pOTB7	636	FBgn0034196	<i>RWDD1</i>	ENSG00000111832	Pstl: 7174 960 408
P5272	<i>Dic3</i>	FI08040	pOTB7	1020	FBgn0033248	<i>SLC25A27</i>	ENSG00000153291	Pstl: 7174 1039 408 305
P5273	<i>Gpdh2</i>	FI08041	pOTB7	1217	FBgn0034825	<i>GPD1L</i>	ENSG00000152642	Pstl: 7174 1217 408 324
P5274	<i>Zmynd10</i>	FI08044	pOTB7	1502	FBgn0266709	<i>ZMYND10</i>	ENSG00000004838	Pstl: 7174 1223 603 408
P5275	<i>CG1409</i>	FI08048	pOTB7	661	FBgn0029964	<i>PAM16</i>	ENSG00000217930	Pstl: 7174 688 408 297
P5276	<i>ttm3</i>	FI08052	pOTB7	1085	FBgn0032971	<i>TIMM50</i>	ENSG00000105197	Pstl: 7174 997 408 307 105
P5277	<i>CG31347</i>	FI08055	pOTB7	887	FBgn0051347	<i>C2orf70</i>	ENSG00000173557	Pstl: 7174 1211 408
P5278	<i>CG31624</i>	FI08061	pOTB7	810	FBgn0051624	<i>LHX3</i>	ENSG00000107187	verified by sequencing
P5279	<i>CG31787</i>	FI08064	pOTB7	846	FBgn0051787	<i>TMED7</i>	ENSG00000134970	Pstl: 7174 940 408 230
P5280	<i>CG18128</i>	FI08065	pOTB7	1182	FBgn0034898	<i>PNP</i>	ENSG00000198805	Pstl: 7174 652 408 316 296 242
P5281	<i>Prosbeta5R1</i>	FI08137	pOTB7	1104	FBgn0034842	<i>PSMB11</i>	ENSG00000222028	Pstl: 7174 1428 408
P5282	<i>Uba4</i>	FI08414	pOTB7	1667	FBgn0032054	<i>MOCS3</i>	ENSG00000124217	Pstl: 7174 1397 594 408
P5283	<i>CG6527</i>	FI08415	pOTB7	785	FBgn0036085	<i>MOSPD2</i>	ENSG00000130150	Pstl: 7174 1109 408
P5284	<i>CG7094</i>	FI08417	pOTB7	1430	FBgn0032650	<i>CSNK1D</i>	ENSG00000141551	Pstl: 7174 1754 408
P5285	<i>sut3</i>	FI08437	pOTB7	1610	FBgn0028561	<i>SLC2A7</i>	ENSG00000197241	Pstl: 7174 1116 818 408
P5286	<i>CG4892</i>	FI08525	pOTB7	925	FBgn0028884	<i>CDV3</i>	ENSG00000091527	Pstl: 7174 1249 408
P5287	<i>sinah</i>	FI08729	pOTB7	1469	FBgn0259794	<i>SIAH1</i>	ENSG00000196470	Pstl: 7174 949 844 408
P5288	<i>JIL-1</i>	AT31317	pOTB7	4320	FBgn0020412	<i>RPS6KA5</i>	ENSG00000100784	Pstl: 7174 1565 1056 942 565 438 408 57 21
P5289	<i>CG4622</i>	FI06038	pOTB7	2642	FBgn0035021	<i>ZCCHC8</i>	ENSG00000033030	Pstl: 7174 1313 1014 408 330 309
P5290	<i>alpha-Est6</i>	FI06052	pOTB7	1867	FBgn0015574	<i>CES2</i>	ENSG00000172831	Pstl: 7174 1146 528 517 408
P5291	<i>CG4681</i>	FI06118	pOTB7	1443	FBgn0069913	<i>TEX9</i>	ENSG00000151575	Pstl: 7174 1767 408
P5292	<i>CG1137</i>	FI06119	pOTB7	1365	FBgn0037454	<i>IQCD</i>	ENSG00000166578	Pstl: 7174 1689 408

P5293	<i>CG10920</i>	FI08225	pOTB7	1742	FBgn0029963	<i>MTCH2</i>	ENSG00000109919	Pstl: 7174 2066 408
P5294	<i>beta4GalT7</i>	FI08434	pOTB7	1105	FBgn0039258	<i>B4GALT7</i>	ENSG00000027847	Pstl: 7174 922 507 408
P5295	<i>BORCS6</i>	FI08521	pOTB7	1140	FBgn0035140	<i>BORCS6</i>	ENSG00000196544	Pstl: 7174 867 597 408
P5296	<i>fsd</i>	FI08524	pOTB7	1038	FBgn0033813	<i>TMEM183A</i>	ENSG00000163444	Pstl: 7174 776 586 408
P5297	<i>CG4701</i>	FI08533	pOTB7	1340	FBgn0028868	<i>ATAD1</i>	ENSG00000138138	Pstl: 7174 1664 408
P5298	<i>CG10748</i>	FI08619	pOTB7	1184	FBgn0036327	<i>MDH2</i>	ENSG00000146701	Pstl: 7174 1508 408
P5299	<i>CG3222</i>	FI08726	pOTB7	1374	FBgn0036014	<i>MORN5</i>	ENSG00000185681	Pstl: 7174 1698 408
P5300	<i>Ant2</i>	AT02195	pOTB7	1337	FBgn0025111	<i>SLC25A31</i>	ENSG00000151475	Pstl: 7174 1248 413 408
P5301	<i>CG17669</i>	FI06053	pOTB7	1748	FBgn0034352	<i>DNAAF3</i>	ENSG00000167646	Pstl: 7174 2072 408
P5302	<i>APP-BP1</i>	FI06139	pOTB7	1775	FBgn0261112	<i>NAE1</i>	ENSG00000159593	Pstl: 7174 1324 550 408 225
P5303	<i>scny</i>	FI06147	pOTB7	4015	FBgn0260936	<i>USP17L12</i>	ENSG00000227551	Supplemental Table S1.
P5304	<i>Ns1</i>	FI08004	pOTB7	2026	FBgn0038473	<i>GNL3</i>	ENSG00000163938	Pstl: 7174 1796 554 408
P5305	<i>CG30178</i>	FI08059	pOTB7	699	FBgn0050178	<i>LHX3</i>	ENSG00000107187	Pstl: 7174 540 408 222 138 123
P5306	<i>CG14391</i>	FI08238	pOTB7	633	FBgn0038078	<i>C2orf70</i>	ENSG00000173557	Pstl: 7174 957 408
P5307	<i>CG32110</i>	FI08268	pOTB7	1395	FBgn0052110	<i>SENP5</i>	ENSG00000119231	verified by sequencing
P5308	<i>CG31681</i>	IP19041	pOTB7	979	FBgn0051681	<i>CLK9</i>	ENSG00000213022	Pstl: 7174 1303 408
P5309	<i>SP555</i>	AT05339	pOTB7	1416	FBgn0260470	<i>NDUFAB1</i>	ENSG00000004779	Pstl: 7174 1740 408
P5310	<i>Gcn2</i>	AT10027	pOTB7	5301	FBgn0019990	<i>EIF2AK4</i>	ENSG00000128829	Pstl: 7174 5625 408
P5311	<i>CG33054</i>	AT19489	pOTB7	987	FBgn0053054	<i>OARD1</i>	ENSG00000124596	Pstl: 7174 1311 408
P5312	<i>RpS29</i>	AT28563	pOTB7	650	FBgn0261599	<i>TMEM256</i>	ENSG00000205544	Pstl: 7174 974 408
P5313	<i>CG5103</i>	FI06132	pOTB7	2280	FBgn0036784	<i>TKT</i>	ENSG00000163931	Pstl: 7174 1619 985 408
P5314	<i>elF3-S9</i>	FI08008	pOTB7	2630	FBgn0034237	<i>EIF3B</i>	ENSG00000106263	Pstl: 7174 2954 408
P5315	<i>CG5111</i>	FI08017	pOTB7	2025	FBgn0039343	<i>NUB1</i>	ENSG0000013374	verified by sequencing
P5316	<i>CG32591</i>	FI08446	pOTB7	1517	FBgn0052591	<i>ENKD1</i>	ENSG00000124074	Pstl: 7174 1471 408 370
P5317	<i>Gss2</i>	AT02852	pOTB7	1776	FBgn0052495	<i>GSS</i>	ENSG00000100983	Pstl: 7174 2100 408
P5318	<i>TrxT</i>	AT05857	pOTB7	1204	FBgn0029752	<i>DNAJC24</i>	ENSG00000170946	Pstl: 7174 1528 408
P5319	<i>ZnT35C</i>	AT07995	pOTB7	1805	FBgn0028516	<i>SLC30A8</i>	ENSG00000164756	Pstl: 7174 946 549 412 408 222
P5320	<i>mri</i>	AT10158	pOTB7	1611	FBgn0035107	<i>BTBD10</i>	ENSG00000148925	Pstl: 7174 1935 408
P5321	<i>CG31286</i>	AT12128	pOTB7	1806	FBgn0051286	<i>PI15</i>	ENSG00000137558	Pstl: 7174 1663 467 408
P5322	<i>Hex-t2</i>	AT25367	pOTB7	1589	FBgn0042710	<i>GCK</i>	ENSG00000106633	Pstl: 7174 1913 408
P5323	<i>CG4686</i>	AT26877	pOTB7	905	FBgn0038739	<i>TMEM256</i>	ENSG00000205544	Pstl: 7174 1229 408
P5324	<i>CG31139</i>	FI12101	pOTB7	1311	FBgn0051139	<i>KDELC2</i>	ENSG00000178202	Pstl: 7174 898 737 408
P5325	<i>CG30398</i>	FI12513	pOTB7	982	FBgn0050398	<i>MITD1</i>	ENSG00000158411	Pstl: 7174 712 594 408
P5326	<i>lig3</i>	UT01767	pOTB7	2591	FBgn0038035	<i>LIG3</i>	ENSG00000005156	Pstl: 7174 2256 408 392 162 105
P5327	<i>CG1440</i>	AT08049	pOTB7	2010	FBgn0030038	<i>BLMH</i>	ENSG00000108578	Pstl: 7174 2334 408
P5328	<i>CG41562</i>	AT20472	pOTB7	800	FBgn0085693	<i>ABT1</i>	ENSG00000146109	Pstl: 7174 778 408 346
P5329	<i>CG17717</i>	AT21872	pOTB7	1087	FBgn0029877	<i>ANKRD36C</i>	ENSG00000174501	Pstl: 7174 898 513 408
P5330	<i>Unc-115b</i>	AT02731	pOTB7	2367	FBgn0260463	<i>LHX3</i>	ENSG00000107187	Pstl: 7174 1608 965 408 118
P5331	<i>MenI-2</i>	AT04275	pOTB7	2145	FBgn0029153	<i>ME3</i>	ENSG00000151376	Pstl: 7174 982 892 595 408
P5332	<i>ssh</i>	AT10562	pOTB7	4432	FBgn0029157	<i>DUSP14</i>	ENSG00000276023	Pstl: 7174 1351 1198 897 488 444 408 378
P5333	<i>CG11168</i>	AT25426	pOTB7	1294	FBgn0039249	<i>CASKIN1</i>	ENSG00000167971	Pstl: 7174 1618 408
P5334	<i>TTLL6A</i>	AT27922	pOTB7	2817	FBgn0034459	<i>TTLL7</i>	ENSG00000137941	Pstl: 7174 2091 1050 408
P5335	<i>CG14736</i>	AT28327	pOTB7	1969	FBgn0037986	<i>STOM</i>	ENSG00000148175	Pstl: 7174 1316 977 408
P5336	<i>CG31115</i>	FI12502	pOTB7	1010	FBgn0051115	<i>MTAP</i>	ENSG00000099810	Pstl: 7174 1334 408
P5337	<i>mfas</i>	AT15809	pOTB7	2906	FBgn0260745	<i>POSTN</i>	ENSG00000133110	Pstl: 7174 1371 1118 741 408
P5338	<i>Ald</i>	AT05679	pOTB7	1687	FBgn0000064	<i>ALDOB</i>	ENSG00000136872	Pstl: 7174 783 713 408 359 96 60
P5339	<i>Hsc70-1</i>	AT29089	pOTB7	2141	FBgn0001216	<i>NCKAP1L</i>	ENSG00000123338	Pstl: 7174 1279 688 428 408 70
P5340	<i>lbe</i>	MIP30310	pOTB7	2224	FBgn0011278	<i>HHEX</i>	ENSG00000152804	Pstl: 7174 1194 638 408 314 314 55 33

P5341	CG31473	AT28215	pOTB7	957	FBgn0051473	PNPO	ENSG00000108439	Pstl: 7174 1281 408
P5342	CG33655	AT18929	pOTB7	2157	FBgn0250824	AKAP5	ENSG00000179841	Pstl: 7174 1678 803 408
P5343	CG16894	AT18809	pOTB7	1000	FBgn0034483	AKTIP	ENSG00000166971	Pstl: 7174 1324 408
P5344	pgant4	AT25481	pOTB7	2478	FBgn0051956	GALNT3	ENSG00000115339	Pstl: 7174 2802 408
P5345	tombboy40	FI16501	pOTB7	1269	FBgn0033074	TOMM40L	ENSG00000158882	verified by sequencing
P5346	Glut3	FI16510	pOTB7	1729	FBgn0015230	SLC2A7	ENSG00000197241	Pstl: 7174 1194 555 408 304
P5347	brv3	FI16511	pOTB7	2374	FBgn0040333	PKD1L3	ENSG00000277481	Pstl: 7174 1038 936 724 408
P5348	Vha36-2	FI16532	pOTB7	1315	FBgn0033706	ATP6V1D	ENSG00000100554	verified by sequencing
P5349	CG3942	FI16509	pOTB7	2423	FBgn0038008	GPCPD1	ENSG00000125772	Pstl: 7174 2747 408
P5350	elF3f2	FI19324	pOTB7	1072	FBgn0033069	EIF3F	ENSG00000175390	Pstl: 7174 1396 408
P5351	CG15459	FI19338	pOTB7	1110	FBgn0031108	USMG5	ENSG00000173915	Pstl: 7174 1434 408
P5352	Dpit47	FI19323	pOTB7	1447	FBgn0266518	GTF2H4	ENSG00000213780	Pstl: 7174 1200 571 408
P5353	CAH9	FI19314	pOTB7	1120	FBgn0039486	CA5B	ENSG00000169239	Pstl: 7174 1014 430 408
P5354	tzn	FI19313	pOTB7	1179	FBgn0037024	ETHE1	ENSG00000105755	Pstl: 7174 508 507 488 408
P5355	CG3515	FI19335	pOTB7	1551	FBgn0031431	WDR82	ENSG00000164091	Pstl: 7174 1875 408
P5356	Axn	FI19317	pOTB7	2823	FBgn0026597	AXIN1	ENSG00000103126	Pstl: 7174 3147 408
P5357	CG17387	FI16519	pOTB7	3156	FBgn0037276	CCDC39	ENSG00000145075	Pstl: 7174 891 858 647 470 408 359 255
P5358	aret	FI19388	pOTB7	3430	FBgn0000114	CELF6	ENSG00000140488	Pstl: 7174 1331 1272 830 408 162 105 30 15 9
P5359	Adgf-B	FI19320	pOTB7	1690	FBgn0036751	ADA2	ENSG00000093072	Pstl: 7174 1396 618 408
P5360	adp	FI19321	pOTB7	2316	FBgn0000057	WDTC1	ENSG00000142784	Pstl: 7174 1751 889 408
P5361	Naa35	FI19334	pOTB7	2564	FBgn0034982	NAA35	ENSG00000135040	Pstl: 7174 1901 560 427 408
P5362	Drp1	FI19305	pOTB7	2747	FBgn0026479	DNM1L	ENSG00000087470	Pstl: 7174 1739 771 408 366 195
P5363	Psa	FI19310	pOTB7	3760	FBgn0261243	ENPEP	ENSG00000138792	Pstl: 7174 2484 898 702 408
P5364	m-cup	FI19351	pOTB7	2800	FBgn0038488	FEM1C	ENSG00000145780	Pstl: 7174 2651 473 408
P5365	Atg8b	AT01047	pOTB7	609	FBgn0038539	MAP1LC3B2	ENSG00000258102	Pstl: 7174 933 408
P5366	Alp11	AT01495	pOTB7	1633	FBgn0030661	ALPP	ENSG00000163283	Pstl: 7174 1957 408
P5367	CG33129	AT01533	pOTB7	2708	FBgn0053129	TMEM214	ENSG00000119777	Pstl: 7174 1230 637 562 408 408 195
P5368	CG14689	AT01605	pOTB7	1680	FBgn0037826	PPP1R36	ENSG00000165807	Pstl: 7174 1456 548 408
P5369	CG16984	AT01695	pOTB7	1146	FBgn0062517	ENKUR	ENSG00000151023	Pstl: 7174 1470 408
P5370	CG5662	AT01806	pOTB7	974	FBgn0030620	MTX2	ENSG00000128654	Pstl: 7174 1298 408
P5371	NitFhit	AT01846	pOTB7	1576	FBgn0024945	NIT2	ENSG00000114021	Pstl: 7174 1058 842 408
P5372	srpk79D	AT02150	pOTB7	2867	FBgn0025702	SRPK3	ENSG00000184343	Pstl: 7174 1105 875 718 493 408
P5373	CG8584	AT02326	pOTB7	1121	FBgn0033322	CTDNBP1	ENSG00000175826	Pstl: 7174 1445 408
P5374	UQCR-C2	AT02348	pOTB7	1689	FBgn0250814	UQCRC2	ENSG00000140740	Pstl: 7174 913 809 408 291
P5375	PIG-K	AT02512	pOTB7	1200	FBgn0023545	PIGK	ENSG00000142892	Pstl: 7174 1524 408
P5376	CG11601	AT02829	pOTB7	1169	FBgn0031244	AIG1	ENSG00000146416	Pstl: 7174 1493 408
P5377	mAcon2	AT02886	pOTB7	2588	FBgn0037862	ACO2	ENSG00000100412	Pstl: 7174 1956 519 408 407 30
P5378	decay	AT03047	pOTB7	1472	FBgn0028381	CASP6	ENSG00000138794	Pstl: 7174 1027 769 408
P5379	CG9222	AT03158	pOTB7	1286	FBgn0031784	TSSK1B	ENSG00000212122	Pstl: 7174 1610 408
P5380	CG7841	AT03386	pOTB7	1421	FBgn0036502	MCRIP1	ENSG00000225663	Pstl: 7174 1745 408
P5381	CG15498	AT03531	pOTB7	1185	FBgn0038892	CFAP161	ENSG00000156206	Pstl: 7174 1509 408
P5382	lectin-46Cb	AT03573	pOTB7	1057	FBgn0040092	KLRC4-KLRK1	ENSG00000255819	Pstl: 7174 1381 408
P5383	agt	AT04446	pOTB7	698	FBgn0024912	MGMT	ENSG00000170430	verified by sequencing
P5384	CG11710	AT04454	pOTB7	1724	FBgn0031115	TRIP4	ENSG00000103671	Pstl: 7174 1206 842 408
P5385	ms(3)72Dt	AT04467	pOTB7	2071	FBgn0036568	ATP5B	ENSG00000110955	Pstl: 7174 1642 735 408 18
P5386	CG4270	AT04879	pOTB7	671	FBgn0031407	PI15	ENSG00000137558	Pstl: 7174 995 408
P5387	CG14505	AT05149	pOTB7	980	FBgn0034327	GSKIP	ENSG00000100744	Pstl: 7174 1304 408
P5388	Prosbeta2R2	AT05866	pOTB7	1255	FBgn0037296	PSMB10	ENSG00000205220	Pstl: 7174 1155 424 408

P5389	CG6195	AT06125	pOTB7	1360	FBgn0038723	DRG1	ENSG00000185721	Pstl: 7174 1684 408
P5390	Rpt4R	AT06668	pOTB7	1409	FBgn0036224	PSMC6	ENSG00000100519	Pstl: 7174 1733 408
P5391	CG14644	AT06885	pOTB7	1042	FBgn0250821	STOM	ENSG00000148175	Pstl: 7174 980 408 386
P5392	CG10761	AT07234	pOTB7	1270	FBgn0030015	MARCH5	ENSG00000198060	Pstl: 7174 1594 408
P5393	CG14480	AT07420	pOTB7	1395	FBgn0034242	FAM192A	ENSG00000172775	Pstl: 7174 1026 693 408
P5394	CG7551	AT07524	pOTB7	1178	FBgn0036161	KHK	ENSG00000138030	Pstl: 7174 1502 408
P5395	COX4L	AT07685	pOTB7	689	FBgn0033020	COX4I1	ENSG00000131143	Pstl: 7174 1013 408
P5396	Rrp45	AT07738	pOTB7	1512	FBgn0030789	EXOSC9	ENSG00000123737	Pstl: 7174 1836 408
P5397	CG14721	AT07857	pOTB7	1271	FBgn0037942	TPK1	ENSG00000196511	Pstl: 7174 1595 408
P5398	Rpn8	AT07973	pOTB7	1511	FBgn0002787	PSMD7	ENSG00000103035	Supplemental Table S1.
P5399	Nle	AT08344	pOTB7	1663	FBgn0021874	NLE1	ENSG00000073536	Pstl: 7174 1987 408
P5400	CG8526	AT09114	pOTB7	2038	FBgn0037759	ASPG	ENSG00000166183	Pstl: 7174 2362 408
P5401	CG30275	AT09218	pOTB7	4161	FBgn0050275	CFAP61	ENSG00000089101	Pstl: 7174 4485 408
P5403	CG30491	AT09608	pOTB7	1380	FBgn0050491	RDH12	ENSG00000139988	Pstl: 7174 1704 408
P5404	CG2889	AT09679	pOTB7	2192	FBgn0030206	ZNF563	ENSG00000188868	Pstl: 7174 891 646 519 408 385 75
P5405	CG17110	AT09807	pOTB7	1553	FBgn0039050	PM20D1	ENSG00000162877	Pstl: 7174 1877 408
P5406	azot	AT10229	pOTB7	646	FBgn0033238	CALML5	ENSG00000178372	Pstl: 7174 970 408
P5407	Calx	AT10348	pOTB7	3743	FBgn0013995	SLC8A2	ENSG00000118160	Pstl: 7174 3468 408 352 247
P5408	CG14921	AT10515	pOTB7	940	FBgn0032345	DNAJC24	ENSG00000170946	Pstl: 7174 752 512 408
P5409	Menl-1	AT10581	pOTB7	4052	FBgn0029154	ME3	ENSG00000151376	Pstl: 7174 2766 1015 595 408
P5410	Mulk	AT10584	pOTB7	1274	FBgn0260750	AGK	ENSG00000006530	Pstl: 7174 1202 408 396
P5411	CG7804	AT09813	pOTB7	1806	FBgn0036496	TARDBP	ENSG00000120948	Pstl: 7174 1514 586 408 30
P5414	CG5435	AT11334	pOTB7	952	FBgn0032431	C1orf194	ENSG00000179902	Pstl: 7174 761 515 408
P5415	CG32022	AT11343	pOTB7	741	FBgn0052022	WRB	ENSG00000182093	Pstl: 7174 1065 408
P5416	RpL10Aa	AT11516	pOTB7	799	FBgn0038281	RPL10A	ENSG00000198755	Pstl: 7174 808 408 315
P5417	Acam	AT11556	pOTB7	594	FBgn0011273	CALML5	ENSG00000178372	Pstl: 7174 918 408
P5418	CG13186	AT11581	pOTB7	800	FBgn0033680	SELENOH	ENSG00000211450	Pstl: 7174 1124 408
P5419	CG5561	AT11641	pOTB7	1109	FBgn0031333	PUDP	ENSG00000130021	Pstl: 7174 1105 408 277 51
P5420	Prosbeta2R1	AT12292	pOTB7	1049	FBgn0029812	PSMB10	ENSG00000205220	Pstl: 7174 960 413 408
P5421	asrij	AT12418	pOTB7	1087	FBgn0034793	OCIAD2	ENSG00000145247	Pstl: 7174 1411 408
P5422	CG4935	AT12460	pOTB7	1119	FBgn0028897	WDR83	ENSG00000123154	Pstl: 7174 814 424 408 205
P5423	ND-B22	AT12494	pOTB7	678	FBgn0032511	NDUFB9	ENSG00000147684	Pstl: 7174 1002 408
P5424	CG18675	AT12527	pOTB7	1670	FBgn0040696	C21orf59	ENSG00000159079	Pstl: 7174 1994 408
P5425	kdn	AT12538	pOTB7	1963	FBgn0261955	CS	ENSG00000062485	Pstl: 7174 1385 620 408 282
P5426	CG32087	AT12644	pOTB7	1485	FBgn0052087	VMP1	ENSG00000062716	Pstl: 7174 1214 595 408
P5427	RacGAP84C	AT12815	pOTB7	1447	FBgn0045843	RACGAP1	ENSG00000161800	Pstl: 7174 1310 461 408
P5428	mgo	AT13091	pOTB7	2026	FBgn0030753	DDI1	ENSG00000170967	Pstl: 7174 2350 408
P5430	Tim17b2	AT13511	pOTB7	744	FBgn0020371	TIMM17B	ENSG00000126768	Pstl: 7174 610 458 408
P5431	ND-B14.5AL	AT13913	pOTB7	853	FBgn0037172	NDUFA7	ENSG00000267855	Pstl: 7174 1177 408
P5432	Kr-h2	AT13922	pOTB7	1605	FBgn0266449	TMEM33	ENSG00000109133	Pstl: 7174 716 691 522 408
P5433	Cyp4p3	AT13968	pOTB7	1665	FBgn0033397	CYP4F3	ENSG00000186529	Pstl: 7174 1989 408
P5434	PIG-F	AT13969	pOTB7	970	FBgn0036893	PIGF	ENSG00000151665	Pstl: 7174 835 459 408
P5435	Sccpdh1	AT14148	pOTB7	1710	FBgn0037298	SCCPDH	ENSG00000143653	Pstl: 7174 2034 408
P5436	HtrA2	AT14262	pOTB7	1438	FBgn0038233	HTRA1	ENSG00000166033	Pstl: 7174 1762 408
P5437	brv2	AT14535	pOTB7	2387	FBgn0036712	PKD1L3	ENSG00000277481	Pstl: 7174 1503 1208 408
P5438	hanabi	AT14585	pOTB7	1123	FBgn0267366	NAP1L2	ENSG00000186462	Pstl: 7174 1007 440 408
P5439	CG6907	AT14778	pOTB7	1689	FBgn0031711	ELP4	ENSG00000109911	Pstl: 7174 1660 408 353
P5440	CG11722	AT14909	pOTB7	769	FBgn0037777	NDUFA4	ENSG00000123545	Pstl: 7174 1093 408

P5441	<i>CG12147</i>	AT15039	pOTB7	1907	FBgn0037325	<i>CSNK1D</i>	ENSG00000141551	Pstl: 7174 703 627 590 408 311
P5442	<i>Mul1</i>	AT15655	pOTB7	1243	FBgn0035483	<i>MUL1</i>	ENSG00000090432	Pstl: 7174 1059 508 408
P5443	<i>CG10694</i>	AT15685	pOTB7	988	FBgn0039147	<i>RAD23B</i>	ENSG00000119318	Pstl: 7174 1312 408
P5444	<i>CG3473</i>	AT16033	pOTB7	592	FBgn0028913	<i>UBE2N</i>	ENSG00000177889	Pstl: 7174 916 408
P5445	<i>Tim17b1</i>	AT16284	pOTB7	806	FBgn0037310	<i>TIMM17B</i>	ENSG00000126768	Pstl: 7174 1130 408
P5446	<i>Gas8</i>	AT16318	pOTB7	1848	FBgn0029667	<i>GAS8</i>	ENSG00000141013	Pstl: 7174 697 669 638 408 84 84
P5447	<i>CG6888</i>	AT16346	pOTB7	715	FBgn0036490	<i>PRDX3</i>	ENSG00000165672	Pstl: 7174 1039 408
P5448	<i>Buffy</i>	AT16536	pOTB7	1074	FBgn0040491	<i>BOK</i>	ENSG00000176720	Pstl: 7174 734 664 408
P5449	<i>Erk7</i>	AT16639	pOTB7	3690	FBgn0052703	<i>MAPK11</i>	ENSG00000185386	Pstl: 7174 2349 889 776 408
P5450	<i>CG8349</i>	AT17318	pOTB7	942	FBgn0032003	<i>MAGED1</i>	ENSG00000179222	Pstl: 7174 1266 408
P5451	<i>CG12111</i>	AT17652	pOTB7	636	FBgn0030050	<i>NCAN</i>	ENSG00000130287	Pstl: 7174 960 408
P5452	<i>Coq2</i>	AT17730	pOTB7	1628	FBgn0037574	<i>COQ2</i>	ENSG00000173085	Pstl: 7174 952 588 408 349 63
P5453	<i>CG12362</i>	AT17761	pOTB7	1986	FBgn0036082	<i>ANKIB1</i>	ENSG00000001629	Pstl: 7174 1181 1129 408
P5454	<i>Mtl</i>	AT17867	pOTB7	1216	FBgn0039532	<i>RAC1</i>	ENSG00000136238	Pstl: 7174 1540 408
P5455	<i>Adk1</i>	AT17975	pOTB7	1163	FBgn0022709	<i>CMPK1</i>	ENSG00000162368	Pstl: 7174 812 675 408
P5456	<i>CG9945</i>	AT18160	pOTB7	1949	FBgn0034527	<i>DCAF11</i>	ENSG00000100897	verified by sequencing
P5457	<i>CG6629</i>	AT18465	pOTB7	1001	FBgn0037860	<i>SDHC</i>	ENSG00000143252	Pstl: 7174 1325 408
P5458	<i>Psf3</i>	AT18545	pOTB7	1176	FBgn0030196	<i>GIN3</i>	ENSG00000181938	verified by sequencing
P5459	<i>PGAP5</i>	AT18937	pOTB7	1437	FBgn0031997	<i>MPPE1</i>	ENSG00000154889	Pstl: 7174 1761 408
P5460	<i>CG17329</i>	AT18988	pOTB7	690	FBgn0028896	<i>RFWD3</i>	ENSG00000168411	Pstl: 7174 623 408 391
P5461	<i>CG13110</i>	AT19071	pOTB7	541	FBgn0032111	<i>C2orf70</i>	ENSG00000173557	Pstl: 7174 865 408
P5462	<i>Rsph1</i>	AT19426	pOTB7	1317	FBgn0032478	<i>RSPH1</i>	ENSG00000160188	Pstl: 7174 1641 408
P5463	<i>rnh1</i>	AT19436	pOTB7	1153	FBgn0023171	<i>RNASEH1</i>	ENSG00000171865	Pstl: 7174 1477 408
P5464	<i>Tret1-2</i>	AT19440	pOTB7	1673	FBgn0033644	<i>ACRV1</i>	ENSG00000134940	Pstl: 7174 1997 408
P5465	<i>CG2887</i>	AT19485	pOTB7	1252	FBgn0030207	<i>NBPF20</i>	ENSG00000162825	Pstl: 7174 1576 408
P5466	<i>PPYR1</i>	AT19571	pOTB7	1130	FBgn0030623	<i>SERBP1</i>	ENSG00000142864	Pstl: 7174 1454 408
P5467	<i>lme4</i>	AT20169	pOTB7	1954	FBgn0039139	<i>METTL3</i>	ENSG00000165819	Pstl: 7174 752 674 433 408 335 84
P5468	<i>Hsp83</i>	AT20544	pOTB7	2932	FBgn0001233	<i>HSP90AA1</i>	ENSG00000080824	Pstl: 7174 1595 834 827 408
P5469	<i>Ubi-p63E</i>	AT20865	pOTB7	3448	FBgn0003943	<i>RPS27A</i>	ENSG00000143947	Pstl: 7174 3772 408
P5470	<i>CG13544</i>	AT20903	pOTB7	1248	FBgn0034826	<i>SPATA17</i>	ENSG00000162814	Pstl: 7174 1037 535 408
P5471	<i>CG17991</i>	AT21004	pOTB7	1108	FBgn0039498	<i>MARCH5</i>	ENSG00000198060	Pstl: 7174 1432 408
P5472	<i>CG14017</i>	AT21373	pOTB7	1214	FBgn0031721	<i>C4orf22</i>	ENSG00000197826	Pstl: 7174 1538 408
P5473	<i>Past1</i>	AT21416	pOTB7	1882	FBgn0016693	<i>EHD1</i>	ENSG00000110047	Pstl: 7174 1088 761 408 243 114
P5474	<i>ND-24L</i>	AT21479	pOTB7	904	FBgn0036706	<i>NDUFV2</i>	ENSG00000178127	Pstl: 7174 1228 408
P5475	<i>CG15708</i>	AT21920	pOTB7	944	FBgn0034099	<i>CDIP1</i>	ENSG00000089486	Pstl: 7174 931 408 337
P5476	<i>CG8517</i>	AT22380	pOTB7	741	FBgn0034472	<i>DNAJC24</i>	ENSG00000170946	Pstl: 7174 608 457 408
P5477	<i>CG31802</i>	AT22559	pOTB7	820	FBgn0051802	<i>CETN2</i>	ENSG00000147400	Pstl: 7174 679 465 408
P5478	<i>mtacp1</i>	AT22870	pOTB7	783	FBgn0011361	<i>NDUFAB1</i>	ENSG00000004779	Pstl: 7174 670 437 408
P5479	<i>CG5213</i>	AT22957	pOTB7	1037	FBgn0038345	<i>RBM23</i>	ENSG00000100461	Pstl: 7174 1361 408
P5480	<i>CG9582</i>	AT23224	pOTB7	987	FBgn0032090	<i>SLC25A21</i>	ENSG00000183032	Pstl: 7174 1311 408
P5481	<i>Lasp</i>	AT23571	pOTB7	2406	FBgn0063485	<i>LASP1</i>	ENSG00000002834	Pstl: 7174 1232 1051 447 408
P5482	<i>Arl6IP1</i>	AT23634	pOTB7	1304	FBgn0038453	<i>ARL6IP1</i>	ENSG00000170540	Pstl: 7174 1024 604 408
P5483	<i>CG15676</i>	AT24358	pOTB7	647	FBgn0034651	<i>UXT</i>	ENSG00000126756	Pstl: 7174 651 408 320
P5484	<i>Sfxn1-3</i>	AT24389	pOTB7	1316	FBgn0037239	<i>SFXN5</i>	ENSG00000144040	Pstl: 7174 1640 408
P5485	<i>Tektin-C</i>	AT25102	pOTB7	1539	FBgn0035638	<i>TEKT2</i>	ENSG00000092850	Pstl: 7174 1041 537 408 285
P5486	<i>CG14305</i>	AT25266	pOTB7	1299	FBgn0038630	<i>TSSK1B</i>	ENSG00000212122	Pstl: 7174 1072 551 408
P5487	<i>Exd2</i>	AT25352	pOTB7	3165	FBgn0037901	<i>EXD2</i>	ENSG00000081177	Pstl: 7174 2288 967 408 234
P5488	<i>CG7514</i>	AT25476	pOTB7	1202	FBgn0035567	<i>SLC25A27</i>	ENSG00000153291	Pstl: 7174 1526 408

P5489	<i>Ssl</i>	AT25555	pOTB7	795	FBgn0015300	<i>CSNK2B</i>	ENSG00000204435	Pstl: 7174 1119 408
P5490	<i>CG6607</i>	AT25567	pOTB7	1484	FBgn0039204	<i>PPP1R21</i>	ENSG00000162869	Pstl: 7174 676 408 388 263 168 141 93 79
P5491	<i>Asciz</i>	AT25633	pOTB7	2023	FBgn0035407	<i>ATMIN</i>	ENSG00000166454	Pstl: 7174 1187 793 408 193 174
P5492	<i>CG7309</i>	AT26079	pOTB7	2030	FBgn0032314	<i>SLC13A4</i>	ENSG00000164707	Pstl: 7174 1239 1115 408
P5493	<i>Arl4</i>	AT26185	pOTB7	1029	FBgn0039889	<i>ARL4C</i>	ENSG00000188042	Pstl: 7174 1353 408
P5494	<i>CG17440</i>	AT26187	pOTB7	1310	FBgn0030120	<i>CXXC1</i>	ENSG00000154832	Pstl: 7174 550 408 380 373 331
P5495	<i>CG17030</i>	AT26201	pOTB7	719	FBgn0035584	<i>UBE2L3</i>	ENSG00000185651	Pstl: 7174 559 484 408
P5496	<i>l(1)G0136</i>	AT26381	pOTB7	787	FBgn0026666	<i>ISCA1</i>	ENSG00000135070	Pstl: 7174 746 408 365
P5497	<i>CG2577</i>	AT26486	pOTB7	1249	FBgn0030384	<i>CSNK1D</i>	ENSG00000141551	Pstl: 7174 1573 408
P5498	<i>CG9863</i>	AT26616	pOTB7	1187	FBgn0034846	<i>PLAC8</i>	ENSG00000145287	Pstl: 7174 948 563 408
P5499	<i>Mical</i>	AT26738	pOTB7	2824	FBgn0053208	<i>MICAL2</i>	ENSG00000133816	Pstl: 7174 1178 950 870 408 150
P5500	<i>Phae1</i>	AT26814	pOTB7	1108	FBgn0263234	<i>TMPRSS11D</i>	ENSG00000153802	Pstl: 7174 873 559 408
P5501	<i>CG15296</i>	AT26906	pOTB7	695	FBgn0030215	<i>C19orf70</i>	ENSG00000174917	Pstl: 7174 447 408 375 197
P5502	<i>scpr-C</i>	AT27079	pOTB7	923	FBgn0037879	<i>PI15</i>	ENSG00000137558	Pstl: 7174 1247 408
P5503	<i>san</i>	AT27602	pOTB7	845	FBgn0024188	<i>NAA50</i>	ENSG00000121579	Pstl: 7174 1169 408
P5504	<i>glo</i>	AT27789	pOTB7	2255	FBgn0259139	<i>GRSF1</i>	ENSG00000132463	Pstl: 7174 2579 408
P5505	<i>CG31391</i>	AT27928	pOTB7	1723	FBgn0051391	<i>PPP1R36</i>	ENSG00000165807	Pstl: 7174 2047 408
P5506	<i>RpL27</i>	AT27980	pOTB7	585	FBgn0039359	<i>RPL27</i>	ENSG00000131469	Pstl: 7174 909 408
P5507	<i>Trxr-2</i>	AT28243	pOTB7	1812	FBgn0037170	<i>TXNRD2</i>	ENSG00000184470	Pstl: 7174 2136 408
P5508	<i>Ppm1</i>	AT28366	pOTB7	1477	FBgn0035143	<i>PPM1N</i>	ENSG00000213889	Pstl: 7174 1801 408
P5509	<i>ste24c</i>	AT28654	pOTB7	2253	FBgn0050462	<i>ZMPSTE24</i>	ENSG00000084073	Pstl: 7174 2577 408
P5510	<i>RpL24-like</i>	AT28833	pOTB7	885	FBgn0037899	<i>RSL24D1</i>	ENSG00000137876	Pstl: 7174 1209 408
P5511	<i>primo-2</i>	AT28881	pOTB7	1327	FBgn0040076	<i>ACP1</i>	ENSG00000143727	Pstl: 7174 884 641 408 126
P5512	<i>Rsph9</i>	AT29119	pOTB7	989	FBgn0051803	<i>RSPH9</i>	ENSG00000172426	Pstl: 7174 1313 408
P5513	<i>mRpL47</i>	AT29239	pOTB7	1124	FBgn0014023	<i>MRPL47</i>	ENSG00000136522	verified by sequencing
P5514	<i>CG31924</i>	AT29272	pOTB7	837	FBgn0051924	<i>RFK</i>	ENSG00000135002	Pstl: 7174 1161 408
P5515	<i>sda</i>	AT30002	pOTB7	4871	FBgn0015541	<i>ENPEP</i>	ENSG00000138792	Pstl: 7174 1527 1304 1257 555 552 408
P5516	<i>Prosbeta4R1</i>	AT30033	pOTB7	784	FBgn0031442	<i>PSMB2</i>	ENSG00000126067	Pstl: 7174 1108 408
P5517	<i>CG31717</i>	AT30094	pOTB7	808	FBgn0051717	<i>PLPP7</i>	ENSG00000160539	Pstl: 7174 1132 408
P5518	<i>CG17118</i>	AT30334	pOTB7	991	FBgn0032291	<i>CFAP20</i>	ENSG00000070761	verified by sequencing
P5519	<i>CG2574</i>	AT30415	pOTB7	877	FBgn0030386	<i>UBE2E2</i>	ENSG00000182247	Pstl: 7174 775 426 408
P5520	<i>Prosalph6T</i>	AT30494	pOTB7	1067	FBgn0032492	<i>PSMA1</i>	ENSG00000129084	verified by sequencing
P5521	<i>CG9920</i>	AT30951	pOTB7	773	FBgn0038200	<i>HSPE1</i>	ENSG00000115541	Pstl: 7174 1097 408
P5522	<i>Rpn13R</i>	AT31219	pOTB7	1106	FBgn0029745	<i>ADRM1</i>	ENSG00000130706	Pstl: 7174 917 513 408
P5523	<i>CG3788</i>	AT31332	pOTB7	1316	FBgn0034800	<i>UPP1</i>	ENSG00000183696	Pstl: 7174 636 582 408 250 172
P5524	<i>CG13994</i>	AT31406	pOTB7	630	FBgn0031772	<i>PPP1R11</i>	ENSG00000204619	Pstl: 7174 954 408
P5525	<i>SCCRO3</i>	AT31457	pOTB7	2020	FBgn0033784	<i>DCUN1D3</i>	ENSG00000188215	verified by sequencing
P5526	<i>CG13029</i>	AT31918	pOTB7	1178	FBgn0036670	<i>ZDHHC24</i>	ENSG00000174165	Pstl: 7174 1502 408
P5527	<i>CG42675</i>	AT01668	pOTB7	1706	FBgn0261561	<i>ZC2HC1C</i>	ENSG00000119703	Pstl: 7174 1457 573 408
P5528	<i>kat-60L1</i>	AT05655	pOTB7	2360	FBgn0037375	<i>SPAST</i>	ENSG00000021574	Pstl: 7174 958 643 630 453 408
P5529	<i>DppIII</i>	AT08034	pOTB7	2517	FBgn0037580	<i>OR5V1</i>	ENSG00000243729	Pstl: 7174 802 765 569 408 393 312
P5530	<i>CG30103</i>	AT08275	pOTB7	1975	FBgn0050103	<i>NT5E</i>	ENSG00000135318	Pstl: 7174 1780 519 408
P5531	<i>Tpc2</i>	AT11877	pOTB7	1448	FBgn0035078	<i>SLC25A19</i>	ENSG00000125454	Pstl: 7174 1772 408
P5532	<i>gskt</i>	AT21229	pOTB7	1790	FBgn0046332	<i>GSK3A</i>	ENSG00000105723	Pstl: 7174 1628 486 408
P5533	<i>CG33140</i>	AT21895	pOTB7	2537	FBgn0053140	<i>MYCBPAP</i>	ENSG00000136449	Pstl: 7174 1832 813 408 216
P5534	<i>CG30284</i>	AT22714	pOTB7	1214	FBgn0050284	<i>GRAMD2B</i>	ENSG00000155324	Pstl: 7174 676 457 408 339 66
P5535	<i>p53</i>	AT28346	pOTB7	1888	FBgn0039044	<i>TP53</i>	ENSG00000141510	Pstl: 7174 822 408 401 369 331 289
P5536	<i>Pmm45A</i>	AT28824	pOTB7	2186	FBgn0033377	<i>PGM2L1</i>	ENSG00000165434	Pstl: 7174 1618 892 408

P5537	CG18335	AT30609	pOTB7	1306	FBgn0033610	FAM166B	ENSG00000215187	Pstl: 7174 1630 408
P5538	Tom7	AT23266	pOTB7	396	FBgn0033357	TOMM7	ENSG00000196683	Pstl: 7174 508 408 212
P5539	CG31644	AT20031	pOTB7	448	FBgn0051644	COX6C	ENSG00000164919	Pstl: 7174 772 408
P5540	CG31468	AT08725	pOTB7	466	FBgn0047351	ODF3B	ENSG00000177989	Pstl: 7174 790 408
P5541	CG12617	AT04152	pOTB7	471	FBgn0040996	COX8A	ENSG00000176340	Pstl: 7174 795 408
P5542	UQCR-Q	AT13736	pOTB7	672	FBgn0036728	UQCRQ	ENSG00000164405	Pstl: 7174 996 408
P5543	Ckl1beta2	AT09746	pOTB7	849	FBgn0026136	CSNK2B	ENSG00000204435	Pstl: 7174 1173 408
P5544	CG14451	UT01871	pOTB7	882	FBgn0037183	ATMIN	ENSG00000166454	Pstl: 7174 848 408 358
P5545	CG14013	AT24369	pOTB7	963	FBgn0031720	C4orf22	ENSG00000197826	Pstl: 7174 1287 408
P5546	CG17380	AT18288	pOTB7	1038	FBgn0039077	EPPIN-WFDC6	ENSG00000249139	Pstl: 7174 1362 408
P5547	CG31870	AT11120	pOTB7	1081	FBgn0051870	ODF3B	ENSG00000177989	Pstl: 7174 1405 408
P5548	CG6380	AT25465	pOTB7	1088	FBgn0032632	PPP1R2	ENSG00000184203	Pstl: 7174 1412 408
P5549	CG12093	AT02196	pOTB7	1296	FBgn0035372	TP53I13	ENSG00000167543	Pstl: 7174 1620 408
P5550	CG30109	AT19138	pOTB7	1308	FBgn0050109	TRIAP1	ENSG00000170855	Pstl: 7174 1632 408
P5551	Pka-C2	AT10952	pOTB7	1333	FBgn0000274	PRKACA	ENSG00000072062	Pstl: 7174 1657 408
P5552	CG6084	AT18092	pOTB7	1354	FBgn0086254	AKR1B15	ENSG00000227471	Pstl: 7174 1678 408
P5553	CG10516	AT20211	pOTB7	1427	FBgn0036549	NDUFAB1	ENSG00000004779	Pstl: 7174 791 716 408 244
P5554	CG15450	AT16061	pOTB7	1508	FBgn0031132	GPAT4	ENSG00000158669	Pstl: 7174 789 690 408 353
P5555	CG11125	AT01712	pOTB7	1522	FBgn0033174	ENKD1	ENSG00000124074	Pstl: 7174 1846 408
P5556	Fum4	AT27305	pOTB7	1642	FBgn0051874	FH	ENSG00000091483	Pstl: 7174 1966 408
P5557	WDR79	AT03686	pOTB7	1724	FBgn0031782	WRAP53	ENSG00000141499	Pstl: 7174 2048 408
P5558	alphaTub84B	AT25469	pOTB7	1758	FBgn0003884	TUBA3C	ENSG00000198033	Pstl: 7174 1401 681 408
P5559	CG15286	AT31519	pOTB7	1832	FBgn0028531	KCMF1	ENSG00000176407	Pstl: 7174 2156 408
P5560	CG7024	AT31065	pOTB7	1844	FBgn0029722	PDHA1	ENSG00000131828	Pstl: 7174 1732 436 408
P5561	CG17083	AT03545	pOTB7	1977	FBgn0039070	CCDC114	ENSG00000105479	Pstl: 7174 1203 903 408 195
P5562	CG11141	AT31725	pOTB7	2683	FBgn0033177	HPS5	ENSG00000110756	Pstl: 7174 2468 539 408
P5563	Liprin-beta	AT31531	pOTB7	2832	FBgn0036376	PPFIBP2	ENSG00000166387	Pstl: 7174 1290 1120 746 408
P5564	ksr	AT08303	pOTB7	3352	FBgn0015402	KSR2	ENSG00000171435	Pstl: 7174 2200 931 408 363 182
P5565	omd	AT14917	pOTB7	3373	FBgn0038168	INTS5	ENSG00000185085	Pstl: 7174 1263 849 531 437 408 355 262
P5566	CG6262	AT28434	pOTB7	3416	FBgn0034121	TREH	ENSG00000118094	Pstl: 7174 2969 771 408
P5567	dre4	AT29108	pOTB7	3598	FBgn0002183	SUPT16H	ENSG00000092201	Pstl: 7174 3437 485 408
P5568	CG6420	AT02583	pOTB7	3217	FBgn0039451	WDR20	ENSG00000140153	Pstl: 7174 2580 802 408 159
P5569	KrT95D	AT03104	pOTB7	3920	FBgn0020647	PACS2	ENSG00000179364	Pstl: 7174 953 879 669 462 450 447 408 153 138 93
P5570	CG7910	AT07710	pOTB7	2016	FBgn0037547	FAAH2	ENSG00000165591	Pstl: 7174 1238 1102 408
P5571	ImgA	AT07979	pOTB7	1965	FBgn0250903	ANAPC11	ENSG00000141552	Pstl: 7174 1664 625 408
P5572	Hex-t1	AT11608	pOTB7	1533	FBgn0042711	GCK	ENSG00000106633	Pstl: 7174 1381 476 408
P5573	Rpn10	AT14053	pOTB7	1456	FBgn0015283	ZNF221	ENSG00000159905	verified by sequencing
P5574	bb8	AT14166	pOTB7	1870	FBgn0039071	GLUD1	ENSG00000148672	Pstl: 7174 949 773 472 408
P5575	Rb97D	AT15526	pOTB7	1989	FBgn0004903	HNRNPD	ENSG00000138668	Pstl: 7174 2313 408
P5576	elF4E-7	AT15894	pOTB7	3200	FBgn0040368	EIF4E	ENSG00000151247	Pstl: 7174 2797 408 395 332
P5577	CG17300	AT16129	pOTB7	723	FBgn0036345	ATP5F1	ENSG00000116459	Pstl: 7174 1047 408
P5578	CG10809	AT16804	pOTB7	2048	FBgn0036052	ECI2	ENSG00000198721	Pstl: 7174 1534 838 408
P5579	CG15035	AT16873	pOTB7	1511	FBgn0029949	PPTC7	ENSG00000196850	Pstl: 7174 1835 408
P5580	Rpn12R	AT18239	pOTB7	959	FBgn0036465	PSMD8	ENSG00000099341	Pstl: 7174 1283 408
P5581	CG31635	AT18603	pOTB7	4997	FBgn0051635	PPP1R37	ENSG00000104866	Pstl: 7174 1969 864 586 523 495 408 355 269 159 75 17 9
P5582	S-Lap7	AT20029	pOTB7	2085	FBgn0033868	LAP3	ENSG00000002549	Pstl: 7174 1540 869 408
P5583	Hsc70-2	AT28983	pOTB7	2183	FBgn0001217	NCKAP1L	ENSG00000123338	Pstl: 7174 2199 408 308
P5584	CG30156	AT29763	pOTB7	1445	FBgn0050156	DNAJC18	ENSG00000170464	Pstl: 7174 1323 446 408

P5585	<i>RpL36</i>	AT29875	pOTB7	557	FBgn0002579	<i>RPL36</i>	ENSG00000130255	Pstl: 7174 881 408
P5586	<i>CG13392</i>	UT01133	pOTB7	772	FBgn0032033	<i>TMEM126B</i>	ENSG00000171204	Pstl: 7174 718 408 378
P5587	<i>Strip</i>	AT20596	pOTB7	3551	FBgn0035437	<i>STRIP2</i>	ENSG00000128578	Pstl: 7174 2004 1871 408
P5588	<i>CG4329</i>	FI01301	pOTB7	3777	FBgn0034745	<i>CFAP57</i>	ENSG00000243710	Pstl: 7174 1882 782 523 408 363 270 237 44
P5589	<i>twi</i>	FI01303	pOTB7	2366	FBgn0003900	<i>ATOH7</i>	ENSG00000179774	Pstl: 7174 1008 849 767 408 66
P5590	<i>Taf7</i>	FI01305	pOTB7	1751	FBgn0024909	<i>TAF7</i>	ENSG00000178913	Pstl: 7174 1745 408 330
P5591	<i>Nmnat</i>	AT03272	pOTB7	1304	FBgn0039254	<i>NMNAT2</i>	ENSG00000157064	Pstl: 7174 1178 450 408
P5592	<i>CG18810</i>	AT08088	pOTB7	1076	FBgn0042133	<i>ZDHHC24</i>	ENSG00000174165	Pstl: 7174 891 509 408
P5593	<i>CG42372</i>	AT22563	pOTB7	780	FBgn0259718	<i>FMC1</i>	ENSG00000164898	Pstl: 7174 1104 408
P5594	<i>D</i>	FI01304	pOTB7	2668	FBgn0000411	<i>SOX7</i>	ENSG00000171056	Pstl: 7174 1130 943 697 408 222
P5595	<i>CG6752</i>	AT01875	pOTB7	4270	FBgn0038296	<i>RNF123</i>	ENSG00000164068	Pstl: 7174 2732 788 580 494 408
P5596	<i>CG8176</i>	AT02057	pOTB7	4132	FBgn0037702	<i>FCHO2</i>	ENSG00000157107	Pstl: 7174 1599 733 679 488 408 354 324 255 24
P5597	<i>ND-B12</i>	TA01433	pOTB7_DraIII	437	FBgn0034645	<i>NDUFB3</i>	ENSG00000119013	Pstl: 7174 761 408
P5598	<i>Hmgcl</i>	TA01441	pOTB7_DraIII	1098	FBgn0031877	<i>HMGCL</i>	ENSG00000117305	Pstl: 7174 1422 408
P5599	<i>yellow-g2</i>	TA01530	pOTB7_DraIII	1458	FBgn0035328	<i>DPM3</i>	ENSG00000179085	Pstl: 7174 1268 514 408
P5600	<i>RpL37a</i>	TA01551	pOTB7_DraIII	591	FBgn0030616	<i>RPL37</i>	ENSG00000145592	Pstl: 7174 915 408
P5601	<i>CG30016</i>	IP19045	pOTB7_DraIII	469	FBgn0050016	<i>TTR</i>	ENSG00000118271	verified by sequencing
P5602	<i>CG31928</i>	IP19242	pOTB7_DraIII	1376	FBgn0051928	<i>REN</i>	ENSG00000143839	Pstl: 7174 1700 408
P5603	<i>CG13084</i>	IP19406	pOTB7_DraIII	1554	FBgn0032788	<i>LHX3</i>	ENSG00000107187	Pstl: 7174 1337 541 408
P5604	<i>Mal-A4</i>	TA01396	pOTB7_DraIII	1816	FBgn0033294	<i>SLC3A1</i>	ENSG00000138079	Pstl: 7174 1325 538 408 277
P5605	<i>SC35</i>	MIP01221	pOTB7_DraIII	1456	FBgn0265298	<i>RBMY1A1</i>	ENSG00000234414	Pstl: 7174 1104 615 408 61
P5606	<i>CG3640</i>	MIP01849	pOTB7_DraIII	1020	FBgn0035042	<i>PI15</i>	ENSG00000137558	Pstl: 7174 902 442 408
P5607	<i>CG15120</i>	MIP01986	pOTB7_DraIII	1094	FBgn0034454	<i>PACRGL</i>	ENSG00000163138	Pstl: 7174 1043 408 375
P5608	<i>gudu</i>	MIP10106	pOTB7_DraIII	2251	FBgn0031905	<i>ARMC4</i>	ENSG00000169126	Pstl: 7174 2575 408
P5609	<i>RIOK2</i>	MIP10156	pOTB7_DraIII	1773	FBgn0039306	<i>RIOK2</i>	ENSG00000058729	Pstl: 7174 2097 408
P5610	<i>CG13223</i>	MIP10221	pOTB7_DraIII	1801	FBgn0033599	<i>SLC8B1</i>	ENSG00000089060	Pstl: 7174 2125 408
P5611	<i>CG10029</i>	MIP10555	pOTB7_DraIII	1408	FBgn0037498	<i>ERP44</i>	ENSG00000023318	Pstl: 7174 1732 408
P5612	<i>CAH4</i>	MIP10565	pOTB7_DraIII	980	FBgn0039235	<i>CA5B</i>	ENSG00000169239	Pstl: 7174 654 650 408
P5613	<i>CG14105</i>	MIP11312	pOTB7_DraIII	703	FBgn0036359	<i>TTC36</i>	ENSG00000172425	Pstl: 7174 1027 408
P5614	<i>Sirup</i>	TA01803	pOTB7_DraIII	675	FBgn0031971	<i>SDHAF4</i>	ENSG00000154079	Pstl: 7174 999 408
P5615	<i>LysE</i>	MIP11624	pOTB7_DraIII	607	FBgn0004428	<i>LYZ</i>	ENSG00000090382	Pstl: 7174 667 408 264
P5616	<i>primo-1</i>	TA01420	pOTB7_DraIII	618	FBgn0040077	<i>ACP1</i>	ENSG00000143727	Pstl: 7174 677 408 265
P5617	<i>CG3270</i>	FI13301	pOTB7_DraIII	1485	FBgn0033093	<i>FOXRED1</i>	ENSG00000110074	Pstl: 7174 1478 408 331
P5618	<i>CG15526</i>	MIP16728	pOTB7_DraIII	584	FBgn0039744	<i>RPP14</i>	ENSG00000163684	Pstl: 7174 520 408 388
P5619	<i>CG31926</i>	MIP16750	pOTB7_DraIII	1371	FBgn0051926	<i>REN</i>	ENSG00000143839	Pstl: 7174 1695 408
P5620	<i>Cib2</i>	MIP11220	pOTB7_DraIII	968	FBgn0034558	<i>CIB4</i>	ENSG00000157884	Pstl: 7174 1002 408 290
P5621	<i>CG30414</i>	MIP11562	pOTB7_DraIII	1109	FBgn0050414	<i>KLK9</i>	ENSG00000213022	Pstl: 7174 1433 408
P5622	<i>kar</i>	MIP12509	pOTB7_DraIII	2349	FBgn0001296	<i>SLC16A10</i>	ENSG00000112394	Pstl: 7174 2295 408 290 88
P5623	<i>Usp16-45</i>	LD34905	pOT2	4221	FBgn0029763	<i>USP45</i>	ENSG00000123552	Supplemental Table S1.
P5624	<i>Usp2</i>	SD04280	pOT2	3450	FBgn0031187	<i>USP2</i>	ENSG00000036672	Supplemental Table S1.