

Table 3. PDB representation of gene families***A. H. sapiens***

Ensembl ID	family size	Swiss prot ID	Gene name	PDB ID
>ENSF00000000393	7	Q05066	SRY	1HRY_A
>ENSF00000000393	7	P48431	SOX2	1O4X_B
>ENSF00000000784	4	P08048	ZFY	1KLR_A
>ENSF00000002256	4	Q8IUE1	TGIF2LX	2DMN_A
>ENSF00000000640	6	Q9HC56	PCDH9	2EE0_A
>ENSF00000000504	6	P38919	EIF4A3	2HXY_A
>ENSF00000000504	6	Q9UHI6	DDX20	2OXC_A
>ENSF00000000504	6	P26196	DDX6	1VEC_A
>ENSF00000000504	6	P60842	SNORA67	2G9N_A
>ENSF00000000661	16	Q01105	SET	2E50_A
>ENSF00000001155	23	Q15414	RBM1B	2FY1_A
>ENSF00000001155	23	Q14011	CIRBP	1X5S_A
>ENSF00000000702	5	P17612	PRKACA	2GU8_A
>ENSF00000000530	19	P13501	CCL5	1B3A_A
>ENSF00000000530	19	Q16663	CCL15	2HCC_A
>ENSF00000000530	19	P13500	CCL2	1DOK_A
>ENSF00000000530	19	P80098	CCL7	1BO0_A
>ENSF00000000530	19	P55773	CCL23	1G91_A
>ENSF00000000530	19	P10147	CCL3	1B50_A
>ENSF00000000530	19	P51671	CCL11	1EOT_A
>ENSF00000000530	19	P13236	CCL4L2	1HUM_A
>ENSF00000000530	19	P80075	CCL8	1ESR_A
>ENSF00000000530	19	Q9Y258	CCL26	1G2S_A
>ENSF00000000530	19	O00175	CCL24	1EIG_A
>ENSF00000001027	4	Q92565	RAPGEF5	1WGY_A
>ENSF00000000301	14	Q05923	DUSP2	1M3G_A
>ENSF00000000301	14	Q16828	DUSP6	1HZM_A
>ENSF00000000301	14	Q8NEJ0	DUSP18	2ESB_A
>ENSF00000000301	14	Q9Y6W6	DUSP10	1ZZW_A

>ENSF00000000301	14	Q9NRW4	DUSP22	1WRM_A
>ENSF00000000301	14	Q9H1R2	DUSP15	1YZ4_A
>ENSF00000000301	14	Q16690	DUSP5	2G6Z_A
>ENSF00000001036	2	O00763	ACACB	2DN8_A
>ENSF00000002731	2	P61923	COPZ1	2HF6_A
>ENSF00000000164	18	Q9Y3D6	CLDN15	1NZN_A
>ENSF00000000212	11	Q9UHX3	EMR2	2BO2_A
>ENSF00000002211	2	Q8WUA7	TBC1D22A	2QFZ_A
>ENSF00000002844	2	Q8IWR0	ZC3H7A	2D9M_A
>ENSF00000001386	3	Q9UQB8	BAIAP2	1WDZ_A
>ENSF00000001211	4	P01100	FOS	1A02_F
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>ENSF00000000285	19	P24071	FCAR	1OVZ_A
>ENSF00000000285	19	O76036	NCR1	1OLL_A
>ENSF00000000285	19	Q9HCN6	GP6	2GI7_A
>ENSF00000000285	19	Q8N423	LILRB2	2DYP_D
>ENSF00000001565	4	P50616	TOB1	2D5R_B
>ENSF00000002661	2	Q6XZF7	DNMBP	1UG1_A
>ENSF00000000647	6	P55201	BRPF1	2D9E_A
>ENSF00000001800	2	O96006	DHR SX	2CT5_A
>ENSF00000000849	6	Q9H8S9	MOBK1B	1PI1_A
>ENSF00000000030	2	P03999	OPN1SW	1KPN_A
>ENSF00000000192	21	P15157	TPSB2	1LTO_A
>ENSF00000000192	21	P20231	TPSAB1	1A0L_A
>ENSF00000000254	9	Q14832	GRM3	1S8M_A
>ENSF00000000521	7	Q05586	GRIN1	2NR1_A
>ENSF00000000521	7	Q13224	GRIN2B	1S11_A
>ENSF00000001623	2	P30291	WEE1	1X8B_A
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>ENSF00000000001	458	Q96SE7	ZNF347	2EMA_A
>ENSF00000000001	458	Q8NH Y6	ZFP28	2EM2_A
>ENSF00000000001	458	P17041	ZNF32	2EPC_A
>ENSF00000000001	458	P28698	MZF1	2FI2_A
>ENSF00000000001	458	P17028	ZNF24	1X6E_A
>ENSF00000000001	458	Q9H4T2	ZSCAN16	2COT_A
>ENSF00000000001	458	Q5JVG2	ZNF484	2EMF_A

>ENSF000000000001	458	Q9NZL3	ZNF224	2ELY_A
>ENSF000000000001	458	Q8TF39	ZNF483	2CTU_A
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>ENSF000000000520	6	P30101	PDIA3	2ALB_A
>ENSF000000006877	2	P20061	TCN1	2CKV_Y
>ENSF000000006877	2	P27352	GIF	2CKT_X
>ENSF000000000222	9	P61964	WDR5	2CNX_A
>ENSF000000001410	3	P13796	LCP1	2D85_A
>ENSF000000001410	3	P13797	PLS3	1AOA_A
>ENSF000000000443	8	P01225	FSHB	1FL7_B
>ENSF000000000443	8	P01229	LHB	1M92_A
>ENSF000000000443	8	P01233	CGB	1HCN_B
>ENSF000000006330	2	Q9UJ41	KCTD7	1TXU_A
>ENSF000000000989	5	P51452	DUSP3	1J4X_A
>ENSF000000000989	5	Q9UII6	DUSP13	2GWO_A
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>ENSF000000000327	8	Q15843	NEDD8	1NDD_A
>ENSF000000000327	8	P62988	RPS27A	1C3T_A
>ENSF000000000327	8	P62988	UBC	1C3T_A
>ENSF000000000327	8	P62988	UBC	1C3T_A
>ENSF000000000327	8	P05161	ISG15	1Z2M_A
>ENSF000000000327	8	P62988	UBB	1C3T_A
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>ENSF000000000351	4	P23560	BDNF	1B8M_A
>ENSF000000000351	4	P01138	NGFB	1SG1_A
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>ENSF000000000343	7	Q9Y6M4	CSNK1G3	2CHL_A
>ENSF000000000343	7	P78368	CSNK1G2	2C47_A
>ENSF000000000343	7	Q9HCP0	CSNK1G1	2CMW_A
>ENSF000000000617	5	P34096	RNASE4	1RNF_A
>ENSF000000000617	5	P07998	RNASE1	1DZA_A
>ENSF000000000617	5	Q9H1E1	RNASE7	2HKY_A
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>ENSF00000001123	3	Q14994	NR1I3	1XV9_B
>ENSF00000001123	3	P11473	VDR	1DB1_A
>ENSF00000000962	4	P15151	PVR	1DGI_R
>ENSF00000001405	2	O15382	BCAT2	1EKF_A
>ENSF00000001405	2	P54687	BCAT1	2ABJ_A
>ENSF00000000423	6	P22914	TBCCD1	1HA4_A
>ENSF00000000423	6	P07320	CRYGD	1H4A_X
>ENSF00000000423	6	P07315	CRYGC	1LFE_A
>ENSF00000000423	6	P07316	CRYGB	1LEU_A
>ENSF00000000423	6	P11844	CRYGA	1LER_A
>ENSF00000003121	2	Q9P2T1	GMPR2	2A7R_A
>ENSF00000003121	2	P36959	GMPR	2BLE_A
>ENSF00000000915	4	Q8NE35	CPEB3	2DNL_A
>ENSF00000000537	7	O00443	PIK3C2A	2AR5_A
>ENSF00000000537	7	P48736	PIK3CG	1E8Y_A
>ENSF00000002983	2	Q9UH65	SWAP70	2DN6_A
>ENSF00000000935	3	P15309	ACPP	1CVI_A
>ENSF00000001109	3	Q9HCJ0	TNRC6C	2DKL_A
>ENSF00000000167	7	Q13936	CACNA1C	1T0J_C
>ENSF00000000546	7	P52294	KPNA1	2JDQ_A
>ENSF00000000546	7	P52292	KPNA2	1EFX_C
>ENSF00000000188	70	P55210	CASP7	1F1J_A
>ENSF00000000188	70	Q96HC4	PDLIM5	2DAR_A
>ENSF00000003334	2	Q13370	PDE3B	1SO2_A
>ENSF00000003334	2	Q14432	PDE3A	1LRC_A
>ENSF00000000041	15	P13569	CFTR	1NBD_A
>ENSF00000000041	15	P33527	ABCC1	2CBZ_A
>ENSF00000002395	4	Q9Y691	KCNMB2	1JAK_A
>ENSF00000001220	4	Q16236	NFE2L2	2FLU_P
>ENSF00000001220	4	Q16621	NFE2	1LVX_A
>ENSF00000000432	9	Q08188	TGM3	1L9M_A
>ENSF00000000432	9	P00488	F13A1	1EVU_A
>ENSF00000000432	9	P21980	TGM2	1FAU_A
>ENSF00000000134	17	P41143	OPRD1	1OZC_A
>ENSF00000000134	17	P41145	OPRK1	2A0D_A
>ENSF00000000896	7	Q9Y696	CLIC4	2AHE_A

>ENSF00000000402	5	Q9NQC3	RTN4	2G31_A
>ENSF00000000897	4	O75594	PGLYRP1	1YCK_A
>ENSF00000000897	4	Q96LB9	PGLYRP3	1SK3_A
>ENSF00000004934	2	P18887	XRCC1	1CDZ_A
>ENSF00000002150	4	P12724	RNASE3	1DYT_A
>ENSF00000002150	4	P10153	RNASE2	1GQV_A
>ENSF00000000168	8	O96006	DHR SX	2CT5_A
>ENSF00000000168	8	Q9NZC7	WVOX	1WMV_A
>ENSF00000000541	4	Q13206	DDX10	2PL3_A
>ENSF00000002025	2	Q9H6P5	TASP1	2A8I_A
>ENSF00000000207	9	Q9UJV9	DDX41	2P6N_A
>ENSF00000000342	6	P20807	CAPN3	1Y9V_A
>ENSF00000001268	6	P83916	CBX1	2FMM_A
>ENSF00000002309	2	P41567	EIF1	2IF1_A
>ENSF00000000509	9	O94966	USP19	1WH0_A
>ENSF00000000509	9	Q9Y4E8	USP15	1W6V_A
>ENSF00000001743	3	Q14451	GRB7	1MW4_A
>ENSF00000001743	3	Q14449	GRB14	2AUG_A
>ENSF00000001743	3	Q13322	GRB10	1NRV_A
>ENSF00000000794	5	Q12794	HYAL1	2PE4_A
>ENSF00000000177	9	P05129	PRKCG	2UZP_A
>ENSF00000000177	9	P41743	PRKCI	1VD2_A
>ENSF00000000177	9	Q05655	PRKCD	1YRK_A
>ENSF00000000177	9	P05771	PRKCB1	2I0E_A
>ENSF00000000177	9	Q04759	PRKCQ	1XJD_A
>ENSF00000002386	2	Q92871	PMM1	2FUC_A
>ENSF00000002386	2	O15305	PMM2	2AMY_A
>ENSF00000002521	3	Q9UHD4	CIDEB	1D4B_A
>ENSF00000002521	3	O60543	CIDEA	2EEL_A
>ENSF00000001217	2	Q14565	DMC1	1V5W_A
>ENSF00000001217	2	Q06609	RAD51	1B22_A
>ENSF00000001798	2	P60880	SNAP25	1KIL_C
>ENSF00000001798	2	O00161	SNAP23	1NHL_A
>ENSF00000000372	4	P04150	NR3C1	1M2Z_A
>ENSF00000000372	4	P06401	PGR	1A28_A
>ENSF00000000372	4	P08235	NR3C2	1Y9R_A

>ENSF00000000372	4	P10275	AR	1E3G_A
>ENSF00000000355	16	Q9C000	NLRP1	1PN5_A
>ENSF00000000355	16	P13489	RNH1	1A4Y_A
>ENSF00000001206	4	Q8N126	CADM3	1Z9M_A
>ENSF00000000940	13	Q9Y286	SIGLEC7	1NKO_A
>ENSF00000000205	15	O43581	SYT7	2D8K_A
>ENSF00000000205	15	Q9H2B2	SYT4	1UGK_A
>ENSF00000001049	4	Q99661	KIF2C	2HEH_A
>ENSF00000001226	3	O60784	TOM1	1ELK_A
>ENSF00000001587	2	O00330	PDHX	1ZY8_K
>ENSF00000001587	2	P10515	DLAT	1FYC_A
>ENSF00000000602	8	P22459	KCNA4	1ZTO_A
>ENSF00000000602	8	Q09470	KCNA1	2AFL_A
>ENSF00000001457	2	P49841	GSK3B	1GNG_A
>ENSF00000001457	2	P49840	GSK3A	2DFM_A
>ENSF00000002073	2	P55769	NHP2L1	1E7K_A
>ENSF00000002114	2	Q9ULI0	ATAD2B	2DKW_A
>ENSF00000000183	5	Q6VVX0	CYP2R1	2OJD_A
>ENSF00000000183	5	P10635	CYP2D6	2F9Q_A
>ENSF00000000161	11	Q08043	ACTN3	1TJT_A
>ENSF00000000161	11	P12814	ACTN1	2EYI_A
>ENSF00000000161	11	O15020	SPTBN2	1WJM_A
>ENSF00000000161	11	Q01082	SPTBN1	1AA2_A
>ENSF00000000161	11	P11277	SPTB	1S35_A
>ENSF00000000161	11	P35609	ACTN2	1H8B_A
>ENSF00000000161	11	P02549	SPTA1	1OWA_A
>ENSF00000000161	11	Q13813	SPTAN1	2FOT_C
>ENSF00000000161	11	O43707	ACTN4	1WLX_A
>ENSF00000002241	2	P12755	SKI	1MR1_C
>ENSF00000001933	3	Q99952	PTPN18	2OC3_A
>ENSF00000001933	3	Q9Y2R2	PTPN22	2P6X_A
>ENSF00000000300	26	O60814	HIST1H2BK	2CV5_D
>ENSF00000002901	2	P06881	CALCA	1LS7_A
>ENSF00000001145	3	P14416	DRD2	1I15_A
>ENSF00000001120	4	Q13469	NFATC2	1A02_N
>ENSF00000001120	4	O95644	NFATC1	1A66_A

>ENSF00000000349	11	P21728	DRD1	1OZ5_A
>ENSF00000000349	11	P13945	ADRB3	2CDW_A
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>ENSF00000000099	10	P09668	CTSH	1BZN_B
>ENSF00000000099	10	P07711	CTSL1	1CJL_A
>ENSF00000000099	10	P25774	CTSS	1BXF_A
>ENSF00000000099	10	P43235	CTSK	1ATK_A
>ENSF00000000099	10	O60911	CTSL2	1FH0_A
>ENSF00000000259	7	P22064	LTBP1	1KSQ_A
>ENSF00000000259	7	P35555	FBN1	1APJ_A
>ENSF00000001980	4	O75628	REM1	2NZJ_A
>ENSF00000001980	4	P55042	RRAD	2DPX_A
>ENSF00000001980	4	P55040	GEM	2CJW_A
>ENSF00000000371	9	P50281	MMP14	1BQQ_M
>ENSF00000000371	9	P51512	MMP16	1RM8_A
>ENSF00000000042	27	Q14145	KEAP1	1U6D_X
>ENSF00000000042	27	Q9H2C0	GAN	2PPI_A
>ENSF000000003428	2	Q86WV1	SKAP1	1U5D_A
>ENSF00000000562	5	Q13043	STK4	2JO8_A
>ENSF00000000410	7	Q00526	CDK3	1LFN_A
>ENSF00000000410	7	P06493	CDC2	1LC9_A
>ENSF00000000410	7	Q00534	CDK6	1BI7_A
>ENSF00000000410	7	P24941	CDK2	1AQ1_A
>ENSF00000000410	7	P11802	CDK4	1LD2_A
>ENSF00000000410	7	P50613	CDK7	1LG3_A
>ENSF000000001950	2	Q12772	SREBF2	1UKL_C
>ENSF000000001950	2	P36956	SREBF1	1AM9_A
>ENSF000000000646	7	P55347	PKNOX1	1X2N_A
>ENSF000000001269	3	P14653	HOXB1	1B72_A
>ENSF000000000499	3	O14618	CCS	1DO5_A
>ENSF000000000499	3	P00441	SOD1	1AZV_A
>ENSF000000000756	5	P07108	DBI	2CB8_A
>ENSF000000000474	7	Q13835	PKP1	1XM9_A
>ENSF000000001547	3	Q07352	ZFP36L1	1W0V_C
>ENSF000000001547	3	P47974	ZFP36L2	1RGO_A
>ENSF000000000189	12	P23946	CMA1	1KLT_A

>ENSF00000000189	12	P08311	CTSG	1AU8_A
>ENSF00000000189	12	P20718	GZMH	1LXV_A
>ENSF00000000189	12	P10144	GZMB	1FQ3_A
>ENSF00000000189	12	P49863	GZMK	1MZA_A
>ENSF00000000189	12	P51124	GZMM	1LZP_A
>ENSF00000000189	12	P12544	GZMA	1HF1_A
>ENSF00000000189	12	P20160	AZU1	1A7S_A
>ENSF00000000189	12	P24158	PRTN3	1FUJ_A
>ENSF00000000189	12	P08246	ELA2	1B0F_A
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>ENSF00000002857	2	O95639	CPSF4	2D9N_A
>ENSF00000000224	6	P15924	DSP	1LM5_A
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>ENSF00000001650	2	Q9UNZ2	NSFL1C	1SS6_A
>ENSF00000002160	2	Q13009	TIAM1	2D8I_A
>ENSF00000002160	2	Q9UPN6	TIAM2	2DIW_A
>ENSF00000000873	6	Q15391	P2RY14	2B6V_A
>ENSF00000000873	6	Q9BPV8	P2RY13	2B6U_A
>ENSF00000000873	6	Q9H244	P2RY12	1T78_A
>ENSF00000006461	2	Q8TCD5	NT5C	2I7D_A
>ENSF00000006461	2	Q9NPB1	NT5M	1MH9_A
>ENSF00000000211	10	Q16181	SEPT7	2QAG_C
>ENSF00000000211	10	Q15019	SEPT2	2QA5_A
>ENSF00000002885	2	Q9BWF3	RBM4	2DNQ_A
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>ENSF00000000068	36	P19474	TRIM21	2IWG_B
>ENSF00000000068	36	Q9HCM9	TRIM39	2DID_A
>ENSF00000000490	6	P00338	LDHA	1I10_A
>ENSF00000000490	6	P07195	LDHB	1I0Z_A
>ENSF00000000305	8	P05107	ITGB2	1JX3_A
>ENSF00000000305	8	P05106	ITGB3	1JV2_B
>ENSF00000000305	8	P16144	ITGB4	1QG3_A
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>ENSF00000000095	26	P84077	ARF1	1HUR_A
>ENSF00000000095	26	Q9Y689	ARL5A	1Z6Y_A
>ENSF00000000095	26	P40616	ARL1	1UPT_A
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>ENSF00000000095	26	P84085	ARF5	2B6H_A
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>ENSF00000003485	8	P62328	TMSB4X	1UY5_T
>ENSF00000004310	2	P08567	PLEK	1PLS_A
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>ENSF00000000991	3	P00387	CYB5R3	1M91_A
>ENSF00000001146	2	P26641	EEF1G	1PBU_A
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>ENSF00000001735	2	Q07889	SOS1	1AWE_A
>ENSF00000000197	20	P41231	P2RY2	1Z8E_A
>ENSF00000000197	20	Q15077	P2RY6	2B6R_A
>ENSF00000000197	20	P47900	P2RY1	1Y36_A
>ENSF00000000197	20	P25105	PTAFR	2B0X_A
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>ENSF000000000019	6	P01892	HLA-G	1AKJ_A
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>ENSF000000002542	2	Q9UPN6	TIAM2	2DIW_A
>ENSF000000000128	21	P10301	RRAS	2FN4_A
>ENSF000000000128	21	P10114	RAP2A	1KAO_A
>ENSF000000000128	21	P62834	RAP1A	1C1Y_A
>ENSF000000000128	21	P62070	RRAS2	2ERY_A
>ENSF000000000128	21	Q96HU8	DIRAS2	2ERX_A
>ENSF000000000128	21	Q15382	RHEB	1XTQ_A
>ENSF000000000128	21	P01116	KRAS	1D8D_P
>ENSF000000000128	21	P11233	RALA	1UAD_A
>ENSF000000000128	21	O75534	CSDE1	1WFQ_A
>ENSF000000000128	21	P01112	HRAS	121P_A
>ENSF000000000860	8	P11226	MBL2	1HUP_A
>ENSF000000000860	8	P35247	SFTPD	1B08_A
>ENSF000000000679	3	P05165	PCCA	2CQY_A
>ENSF000000000679	3	Q96RQ3	MCCC1	2EJM_A
>ENSF000000000098	17	P08631	HCK	1AD5_A
>ENSF000000000098	17	P07947	YES1	2HDA_A
>ENSF000000000098	17	P06241	FYN	1A0N_B
>ENSF000000000098	17	P12931	SRC	1A07_A
>ENSF000000000098	17	P00519	ABL1	1AB2_A
>ENSF000000000098	17	P42679	MATK	1JWO_A
>ENSF000000000098	17	P41240	CSK	1BYG_A
>ENSF000000000098	17	P07948	LYN	1W1F_A

>ENSF00000000098	17	P06239	LCK	1BHF_A
>ENSF00000000098	17	Q13239	SLA	2CUD_A
>ENSF00000000098	17	Q13882	PTK6	1RJA_A
>ENSF00000001018	4	O94806	PRKD3	2D9Z_A
>ENSF00000001018	4	O96017	CHEK2	1GXC_A
>ENSF00000001018	4	Q9BZL6	PRKD2	2COA_A
>ENSF00000000755	8	Q9Y235	APOBEC2	2NYT_A
>ENSF00000002767	2	Q12983	BNIP3	2J5D_A
>ENSF00000000331	9	Q13614	MTMR2	1LW3_A
>ENSF00000000817	4	P05187	ALPP	1EW2_A
>ENSF00000000145	11	Q14562	DHX8	2EQS_A
>ENSF00000000059	17	Q9P0L2	MARK1	2HAK_A
>ENSF00000000180	11	Q9HAU4	SMURF2	1ZVD_A
>ENSF00000000180	11	Q96J02	ITCH	2DMV_A
>ENSF00000000180	11	Q96PU5	NEDD4L	2NSQ_A
>ENSF00000000180	11	Q9H0M0	WWP1	1ND7_A
>ENSF00000001253	3	P42331	ARHGAP25	1V89_A
>ENSF00000000186	3	P11309	PIM1	1XQZ_A
>ENSF00000000186	3	Q9P1W9	PIM2	2IWI_A
>ENSF00000001722	3	Q9NZ52	GGA3	1JPL_A
>ENSF00000001722	3	Q9UJY5	GGA1	1J2J_B
>ENSF00000001722	3	Q9UJY4	GGA2	1MHQ_A
>ENSF00000000271	16	O15540	FABP7	1FDQ_A
>ENSF00000000271	16	P50120	RBP2	2RCQ_A
>ENSF00000000271	16	P29373	CRABP2	1BLR_A
>ENSF00000000271	16	P12104	FABP2	1KZW_A
>ENSF00000000271	16	P05413	FABP3	1G5W_A
>ENSF00000000271	16	Q96R05	RBP7	1LPJ_A
>ENSF00000000271	16	Q01469	FABP5	1B56_A
>ENSF00000000271	16	P15090	FABP4	1TOU_A
>ENSF00000000271	16	P82980	RBP5	1GGL_A
>ENSF00000000324	13	Q9NRW1	RAB6B	2FE4_A
>ENSF00000000324	13	P20340	RAB6C	1YZQ_A
>ENSF00000000324	13	Q13636	RAB31	2FG5_A
>ENSF00000000324	13	Q9UL25	RAB21	1YZT_A
>ENSF00000000324	13	P61020	RAB5B	2HEI_A

>ENSF00000000324	13	P20339	RAB5A	1N6H_A
>ENSF000000004713	2	Q9UK05	GDF2	1ZKZ_A
>ENSF000000005443	2	Q9NPI1	BRD7	2I7K_A
>ENSF000000005259	2	Q9NQR1	SETD8	1ZKK_A
>ENSF00000000494	6	P19835	CEL	1F6W_A
>ENSF000000003644	2	Q9UPW6	SATB2	1WI3_A
>ENSF000000003644	2	Q01826	SATB1	1YSE_A
>ENSF000000000375	16	P01574	IFNB1	1AU1_A
>ENSF000000000375	16	P01563	IFNA2	1ITF_A
>ENSF000000002737	2	O43405	COCH	1JBI_A
>ENSF000000002951	4	Q9UQF2	MAPK8IP1	2G01_F
>ENSF000000000304	8	Q8N3R9	MPP5	1Y76_B
>ENSF000000000304	8	O14936	CASK	1KGD_A
>ENSF000000000304	8	Q00013	MPP1	2EV8_A
>ENSF000000000582	7	P51911	CNN1	1WYP_A
>ENSF000000000582	7	Q99439	CNN2	1WYN_A
>ENSF000000000582	7	P37802	TAGLN2	1WYM_A
>ENSF000000002750	2	P55201	BRPF1	2D9E_A
>ENSF000000000162	15	P07900	HSP90AA1	1BYQ_A
>ENSF000000000162	15	P08238	HSP90AB1	1QZ2_G
>ENSF000000001425	5	O00241	SIRPB1	2D9C_A
>ENSF000000001425	5	P78324	SIRPA	2UV3_A
>ENSF000000002636	3	Q9Y3R4	NEU2	1SNT_A
>ENSF000000000657	6	Q16555	DPYSL2	2GSE_A
>ENSF000000002031	3	P23677	ITPKA	1W2C_A
>ENSF000000002031	3	Q96DU7	ITPKC	2A98_A
>ENSF000000001542	3	Q96QB1	DLC1	2DKY_A
>ENSF000000001542	3	Q9Y3M8	STARD13	2H80_A
>ENSF000000001605	3	P09960	LTA4H	1GW6_A
>ENSF000000000139	4	O43752	STX6	2NPS_D
>ENSF000000003518	2	O43752	STX6	2NPS_D
>ENSF000000000718	5	P19634	SLC9A1	1Y4E_A
>ENSF000000001286	3	Q96AE4	FUBP1	1J4W_A
>ENSF000000001286	3	Q92945	KHSRP	2HH2_A
>ENSF000000001626	3	Q8N8S7	ENAH	2IYB_A
>ENSF000000001626	3	P50552	VASP	1EGX_A

>ENSF00000001225	3	Q9UKA9	PTBP2	2CQ1_A
>ENSF00000001225	3	P26599	PTBP1	1QM9_A
>ENSF00000002061	3	P22681	CBL	1B47_A
>ENSF00000002061	3	Q13191	CBLB	2AK5_D
>ENSF00000001918	2	Q9Y265	RUVBL1	2C9O_A
>ENSF00000001918	2	Q9Y230	RUVBL2	2CQA_A
>ENSF00000001409	3	Q13952	NFYC	1N1J_B
>ENSF00000000075	24	Q15771	RAB30	2EW1_A
>ENSF00000000075	24	Q86YS6	RAB43	2HUP_A
>ENSF00000000075	24	Q9ULW5	RAB26	2G6B_A
>ENSF00000000075	24	P62820	RAB1A	2FOL_A
>ENSF00000000075	24	O00194	RAB27B	2F7S_A
>ENSF00000000075	24	O95716	RAB3D	2GF9_A
>ENSF00000000075	24	Q9NP72	RAB18	1X3S_A
>ENSF00000000092	14	Q92673	SORL1	2DM4_A
>ENSF00000000092	14	P98155	VLDLR	1V9U_5
>ENSF00000000092	14	P01130	LDLR	1AJJ_A
>ENSF00000000092	14	P01133	EGF	1IVO_C
>ENSF00000000092	14	Q07954	LRP1	1CR8_A
>ENSF00000000175	26	O43447	PPIH	1MZW_A
>ENSF00000000175	26	P45877	PPIC	2ESL_A
>ENSF00000000175	26	P62937	PPIA	1AK4_A
>ENSF00000000175	26	P23284	PPIB	1CYN_A
>ENSF00000000175	26	Q9UNP9	PPIE	1ZCX_A
>ENSF00000000175	26	P30405	PPIF	2BIT_X
>ENSF00000000491	5	P16442	ABO	1LZ0_A
>ENSF00000000418	6	P06213	INSR	1GAG_A
>ENSF00000000418	6	P08069	IGF1R	1IGR_A
>ENSF00000000838	4	Q12802	AKAP13	2DRN_C
>ENSF00000002216	2	P46926	GNPDA1	1NE7_A
>ENSF00000003646	2	Q9NQ38	SPINK5	1H0Z_A
>ENSF00000000992	6	P98171	ARHGAP4	2EPD_A
>ENSF00000000992	6	O75044	SRGAP2	2DL8_A
>ENSF00000001708	3	Q13740	ALCAM	1KJC_A
>ENSF00000000969	11	Q9HCI5	MAGEE1	2H5T_A
>ENSF00000001139	7	Q9Y6F7	CDY2B	2FW2_A

>ENSF00000001139	7	Q9Y6F8	CDY1B	2FBM_A
>ENSF00000001139	7	O75521	PECI	2CQU_A
>ENSF00000001139	7	Q9Y232	CDYL	2DNT_A
>ENSF00000018269	2	P10635	CYP2D6	2F9Q_A
>ENSF00000000715	9	P13995	MTHFD2	1ZN4_A
>ENSF00000000715	9	P11586	MTHFD1	1A4I_A
>ENSF00000002362	2	Q8N142	ADSSL1	2GJO_A
>ENSF00000002362	2	P30520	ADSS	2V40_A
>ENSF00000002682	2	P63241	EIF5AP1	1FH4_A
>ENSF00000002533	2	P14678	SNRPB	1D3B_B
>ENSF00000000908	5	P51813	BMX	2EKX_A
>ENSF00000000908	5	Q08881	ITK	1SM2_A
>ENSF00000000908	5	Q06187	BTK	1AWW_A
>ENSF00000000908	5	P42681	TXK	2DM0_A
>ENSF00000002028	4	P48059	LIMS1	1G47_A
>ENSF00000000159	9	Q15485	FCN2	2J0G_A
>ENSF00000000159	9	O00602	FCN1	2D39_A
>ENSF00000000159	9	O75636	FCN3	1LA5_A
>ENSF00000000159	9	P24821	TNC	1TEN_A
>ENSF00000000159	9	P22105	TNXB	2CUH_A
>ENSF00000001412	3	Q96GD3	SCMH1	2P0K_A
>ENSF00000001412	3	Q9UQR0	SCML2	1OI1_A
>ENSF00000000270	8	Q15113	PCOLCE	1UAP_A
>ENSF00000000399	13	P02745	C1QA	1PK6_A
>ENSF00000000399	13	P02747	C1QC	1PK6_C
>ENSF00000000399	13	P02746	C1QB	1PK6_B
>ENSF00000000399	13	Q03692	COL10A1	1GR3_A
>ENSF00000000284	10	P51955	NEK2	2JAV_A
>ENSF00000000750	4	Q99759	MAP3K3	2C60_A
>ENSF00000000750	4	Q9Y2U5	MAP3K2	2CU1_A
>ENSF00000000312	10	P09086	POU2F2	1HDP_A
>ENSF00000000312	10	P14859	POU2F1	1CQT_A
>ENSF00000000265	14	P09651	HNRPA1	1HA1_A
>ENSF00000000265	14	P22626	HNRNPA2B 1	1X4B_A
>ENSF00000000585	5	Q15700	DLG2	2BYG_A

>ENSF00000000585	5	P57105	C14orf112	2ENO_A
>ENSF00000000585	5	Q12959	DLG1	1PDR_A
>ENSF00000000585	5	P78352	DLG4	1KEF_A
>ENSF00000000585	5	Q92796	DLG3	1UM7_A
>ENSF00000000673	4	O00305	CACNB4	2D46_A
>ENSF00000000698	4	Q9NQB0	TCF7L2	1JDH_B
>ENSF00000001697	2	Q9UKF6	CPSF3	2I7T_A
>ENSF00000001081	2	Q9UJM8	HAO1	2NZL_A
>ENSF00000002509	2	O75886	STAM2	1X2Q_A
>ENSF00000001981	2	P01127	PDGFB	1PDG_A
>ENSF00000000486	6	P07098	LIPF	1HLG_A
>ENSF00000000676	4	Q86UR5	RIMS1	2CSS_A
>ENSF00000000676	4	Q9UQ26	RIMS2	1V27_A
>ENSF00000000225	8	O43896	KIF1C	2G1L_A
>ENSF00000000225	8	Q9NQT8	KIF13B	2COW_A
>ENSF00000000501	7	O00187	MASP2	1Q3X_A
>ENSF00000000501	7	P09871	C1S	1ELV_A
>ENSF00000000532	17	P04271	S100B	1MQ1_A
>ENSF00000000532	17	P06702	S100A9	1IRJ_A
>ENSF00000000532	17	P80511	S100A12	1E8A_A
>ENSF00000000532	17	P05109	S100A8	1MR8_A
>ENSF00000000532	17	P06703	S100A6	1K8U_A
>ENSF00000000532	17	P26447	S100A4	1M31_A
>ENSF00000000532	17	P33764	S100A3	1KSO_A
>ENSF00000000532	17	P25815	S100P	1J55_A
>ENSF00000000532	17	P60903	S100A10	1A4P_A
>ENSF00000000532	17	P31949	S100A11	1V4Z_A
>ENSF00000002791	2	Q9BZI7	UPF3B	1UW4_A
>ENSF00000001649	3	O43189	PHF1	2E5P_A
>ENSF00000004051	2	P09234	SNRPC	1UW2_A
>ENSF00000001181	3	O15534	PER1	1UL6_A
>ENSF00000000182	10	P11166	SLC2A1	1SUK_A
>ENSF00000000182	10	P22732	SLC2A5	1YG1_A
>ENSF00000000431	6	P31749	AKT1	1H10_A
>ENSF00000000431	6	P31751	AKT2	1GZK_A
>ENSF00000002587	3	Q9H1B7	C14orf4	2B9G_A

>ENSF00000000229	13	P01009	SERPINA1	1ATU_A
>ENSF00000000229	13	P05154	SERPINA5	1LQ8_A
>ENSF00000000229	13	P01011	SERPINA3	1AS4_A
>ENSF00000000229	13	P05546	SERPIND1	1JMJ_A
>ENSF00000000229	13	P05543	SERPINA7	2CEO_A
>ENSF00000000502	6	Q05086	UBE3A	1C4Z_A
>ENSF00000000459	6	P56524	HDAC4	2H8N_A
>ENSF00000000459	6	Q8WUI4	HDAC7A	2NVR_A
>ENSF00000003945	3	P07204	THBD	1ADX_A
>ENSF00000000724	4	Q15208	STK38	1PSB_C
>ENSF00000002423	2	Q9BUB5	MKNK1	2HW6_A
>ENSF00000002423	2	Q9HBH9	MKNK2	2AC3_A
>ENSF00000001747	2	Q9UI36	DACH1	1L8R_A
>ENSF00000000579	5	P49638	TTPA	1OIP_A
>ENSF00000000579	5	P12271	RLBP1	1XGG_A
>ENSF00000000510	6	P55345	PRMT2	1X2P_A
>ENSF00000000510	6	O60678	PRMT3	2FYT_A
>ENSF00000000713	5	Q14558	PRPSAP1	2C4K_A
>ENSF00000000713	5	P60891	PRPS1L1	2H06_A
>ENSF00000000713	5	O60256	PRPSAP2	2JI4_A
>ENSF00000001184	3	Q8IUQ4	SIAH1	2A25_A
>ENSF00000000580	6	P06756	ITGAV	1JV2_A
>ENSF00000000580	6	P08514	ITGA2B	1DPK_A
>ENSF00000000187	13	P22748	CA4	1ZNC_A
>ENSF00000000187	13	P00918	CA2	12CA_A
>ENSF00000000187	13	O43570	CA12	1JCZ_A
>ENSF00000000187	13	P00915	CA1	1AZM_A
>ENSF00000000187	13	P07451	CA3	1Z93_A
>ENSF00000002344	3	Q9BU19	ZNF692	2D9H_A
>ENSF00000001013	3	P40937	RFC5	1LFS_A
>ENSF00000001555	3	Q8IV63	VRK3	2JII_A
>ENSF00000001555	3	Q86Y07	VRK2	2V62_A
>ENSF00000003585	2	Q96BD5	PHF21A	2PUY_A
>ENSF00000001375	4	O60880	SH2D1A	1D1Z_A
>ENSF00000000196	13	Q06520	SULT2A1	1EFH_A
>ENSF00000000196	13	Q9BR01	SULT4A1	1ZD1_A

>ENSF00000000196	13	O00204	SULT2B1	1Q1Q_A
>ENSF00000000196	13	Q6IMI6	SULT1C3	2H8K_A
>ENSF00000000196	13	O00338	SULT1C2	2ETG_A
>ENSF00000000196	13	O75897	SULT1C4	2AD1_A
>ENSF00000000196	13	P50224	GIYD1	1CJM_A
>ENSF00000000196	13	P50224	GIYD1	1CJM_A
>ENSF00000000196	13	O43704	SULT1B1	1XV1_A
>ENSF00000000196	13	P49888	SULT1E1	1G3M_A
>ENSF00000000196	13	P50226	SULT1A2	1Z29_A
>ENSF00000000196	13	P50225	SULT1A1	1LS6_A
>ENSF00000000478	6	Q06418	TYRO3	1RHF_A
>ENSF00000000478	6	P30530	AXL	2C5D_C
>ENSF00000000478	6	P08581	MET	1FYR_I
>ENSF00000000796	3	P19429	TNNI3	1J1D_C
>ENSF00000000737	4	P17752	TPH1	1IN9_A
>ENSF00000000737	4	P00439	PAH	1DMW_A
>ENSF00000001485	4	Q9UJC5	SH3BGRL2	2CT6_A
>ENSF00000001485	4	O75368	SH3BGRL	1U6T_A
>ENSF00000001485	4	Q9H299	SH3BGRL3	1SJ6_A
>ENSF00000010845	2	Q9BTP6	ZBED2	2DJR_A
>ENSF00000000987	4	O75604	USP2	2HD5_A
>ENSF00000000987	4	P40818	USP8	1WHB_A
>ENSF00000001878	2	P09467	FBP1	1FTA_A
>ENSF00000001727	3	P58335	ANTXR2	1SHT_X
>ENSF00000007308	2	P35244	RPA3	1L1O_A
>ENSF00000000722	5	Q96C24	SYTL4	2CSZ_A
>ENSF00000002806	3	Q9UHB6	LIMA1	2D8Y_A
>ENSF00000001497	4	Q76I76	SSH2	2NT2_A
>ENSF00000002375	2	O75400	PRPF40A	1UZC_A
>ENSF00000000789	4	P13861	PRKAR2A	2IZX_A
>ENSF00000000061	25	P68431	HIST1H3J	2B2T_D
>ENSF00000000061	25	P68431	HIST1H3A	2B2T_D
>ENSF00000000061	25	P68431	HIST1H2AG	2B2T_D
>ENSF00000000061	25	Q16695	HIST3H3	2V1D_C
>ENSF00000000266	8	P08670	VIM	1GK4_A
>ENSF00000000374	5	P14635	CCNB1	2B9R_A

>ENSF00000000374	5	P20248	CCNA2	1E9H_B
>ENSF00000000687	2	P49458	SRP9	1E8O_A
>ENSF00000000765	5	Q07955	SFRS1	1X4A_A
>ENSF000000001631	3	Q53FA7	TP53I3	2J8Z_A
>ENSF00000000226	17	P13688	CEACAM1	2GK2_A
>ENSF00000000226	17	P31997	CEACAM8	2DKS_A
>ENSF00000000226	17	P06731	CEACAM5	1E07_A
>ENSF000000001093	7	Q9UGN4	CD300A	2Q87_A
>ENSF000000001093	7	Q8TDQ1	CD300LF	2NMS_A
>ENSF00000000302	10	Q03431	PTHR1	1BL1_A
>ENSF00000000302	10	P32241	VIPR1	1OF2_C
>ENSF00000000302	10	P41586	ADCYAP1R1	2JOD_A
>ENSF000000002314	3	P78545	ELF3	2E8P_A
>ENSF00000000738	5	Q13362	PPP2R5C	2IAE_B
>ENSF00000000508	6	P25963	NFKBIA	1IKN_D
>ENSF00000000508	6	Q00653	NFKB2	1A3Q_A
>ENSF00000000508	6	Q04206	RELA	1NFI_A
>ENSF00000000508	6	P19838	NFKB1	1MDI_B
>ENSF000000002021	2	P32239	CCKBR	1L4T_A
>ENSF000000002021	2	P32238	CCKAR	1D6G_A
>ENSF000000001255	10	P49792	RANBP2	1RRP_B
>ENSF000000001255	10	P43487	RANBP1	1K5D_B
>ENSF000000005707	2	Q9HB71	CACYBP	1X5M_A
>ENSF00000000208	9	P04003	C4BPA	2A55_A
>ENSF00000000208	9	P20023	CR2	1GHQ_B
>ENSF00000000208	9	P17927	CR1	1GKG_A
>ENSF000000002862	3	Q9Y2Z0	SUGT1	1RL1_A
>ENSF000000004289	3	Q9NZ45	CISD1	2QD0_A
>ENSF000000000052	22	P46531	NOTCH1	1PB5_A
>ENSF000000000052	22	Q04721	NOTCH2	2OO4_A
>ENSF000000001338	6	P55854	SUMO3	1U4A_A
>ENSF000000001338	6	P61956	730776	1WM2_A
>ENSF000000001338	6	P63165	SUMO1	1A5R_A
>ENSF000000001240	6	P51858	HDGF	1RI0_A
>ENSF000000001240	6	O75475	PSIP1	1Z9E_A
>ENSF000000000974	4	Q5TD97	FHL5	1X68_A

>ENSF00000000974	4	Q13642	FHL1	1X63_A
>ENSF00000000974	4	Q14192	FHL2	1X4K_A
>ENSF00000000974	4	Q13643	FHL3	1WYH_A
>ENSF00000001680	2	Q99816	TSG101	1KPP_A
>ENSF00000001680	2	Q8IX04	UEVLD	2I6T_A
>ENSF00000000440	10	Q15427	SF3B4	1X5T_A
>ENSF00000000440	10	Q9H361	PABPC3	2D9P_A
>ENSF00000000440	10	P11940	LOC652607	1CVJ_A
>ENSF00000000619	4	Q16875	PFKFB3	2AXN_A
>ENSF00000000619	4	P16118	PFKFB1	1K6M_A
>ENSF00000000712	6	P28222	HTR1B	2G1X_A
>ENSF00000000503	8	O15123	ANGPT2	1Z3S_A
>ENSF00000001173	3	O94766	B3GAT3	1FGG_A
>ENSF00000001173	3	Q9P2W7	B3GAT1	1V82_A
>ENSF00000001173	3	Q9NPZ5	B3GAT2	2D0J_A
>ENSF00000001689	2	Q9Y4D1	DAAM1	2J1D_G
>ENSF00000000274	9	P15086	CPB1	1KWM_A
>ENSF00000000274	9	P48052	CPA2	1AYE_A
>ENSF00000000274	9	Q9UI42	CPA4	2BO9_A
>ENSF00000003133	4	O60496	DOK2	2D9W_A
>ENSF00000001519	2	O75146	HIP1R	1R0D_A
>ENSF00000000314	8	P08473	MME	1DL9_A
>ENSF00000000171	10	P29074	PTPN4	2CS5_A
>ENSF00000000171	10	Q9Y2J2	EPB41L3	2HE7_A
>ENSF00000000171	10	P26045	PTPN3	2B49_A
>ENSF00000000171	10	P11171	EPB41	1GG3_A
>ENSF00000000564	5	Q92993	HTATIP	2OU2_A
>ENSF00000000564	5	Q9H7Z6	MYST1	2GIV_A
>ENSF00000000564	5	Q92794	MYST3	1M36_A
>ENSF00000002340	2	P51161	FABP6	1O1U_A
>ENSF00000002340	2	P07148	FABP1	2F73_A
>ENSF00000000340	7	P53778	MAPK12	1CM8_A
>ENSF00000000340	7	P53779	MAPK10	1JNK_A
>ENSF00000000340	7	P45983	MAPK8	1UKH_A
>ENSF00000000340	7	Q16539	MAPK14	1A9U_A
>ENSF00000000391	6	Q13619	CUL4A	2HYE_C

>ENSF00000000391	6	Q13616	CUL1	1LDJ_A
>ENSF00000000391	6	Q13620	CUL4B	2DO7_A
>ENSF00000003449	2	P18848	ATF4	1CI6_A
>ENSF00000000675	5	Q9Y6I3	EPN1	1INZ_A
>ENSF00000005334	5	P78330	PSPH	1L8L_A
>ENSF00000001378	6	Q9H347	UBQLN3	1WX7_A
>ENSF00000001378	6	Q9UHD9	UBQLN2	1J8C_A
>ENSF00000014366	2	P81534	DEFB103A	1KJ6_A
>ENSF00000014366	2	P81534	DEFB103B	1KJ6_A
>ENSF00000001008	4	Q9BVG8	KIFC3	2H58_A
>ENSF00000000828	4	Q9NZI2	KCNIP1	1S1E_A
>ENSF00000000812	3	O75112	LDB3	1RGW_A
>ENSF00000000812	3	Q9NR12	PDLIM7	2Q3G_A
>ENSF00000000812	3	Q96HC4	PDLIM5	2DAR_A
>ENSF00000000194	14	Q92854	SEMA4D	1OLZ_A
>ENSF00000002225	3	Q9UKL0	RCOR1	2IW5_B
>ENSF00000000405	7	P08172	CHRM2	1LUB_A
>ENSF00000000405	7	P20309	CHRM3	2CSA_A
>ENSF000000019711	2	O15263	DEFB4	1E4Q_A
>ENSF00000003120	2	Q9BQ39	DDX50	2E29_A
>ENSF00000000460	7	O00408	PDE2A	1Z1L_A
>ENSF00000000460	7	O76074	PDE5A	1RKP_A
>ENSF00000000460	7	Q9Y233	PDE10A	1LRB_A
>ENSF00000003021	2	Q7RTN6	LYK5	1UPK_B
>ENSF00000000438	7	Q16665	HIF1A	1D7G_D
>ENSF00000000438	7	Q99814	EPAS1	1P97_A
>ENSF00000000696	4	Q9BY66	JARID1D	2E6R_A
>ENSF00000000696	4	P41229	JARID1C	2JRZ_A
>ENSF00000001372	4	Q13263	TRIM28	1FP0_A
>ENSF00000003028	3	P20749	BCL3	1K1A_A
>ENSF00000000468	6	P40121	CAPG	1J72_A
>ENSF00000000468	6	P09327	VIL1	1UNC_A
>ENSF00000000468	6	O75366	AVIL	1UND_A
>ENSF00000000468	6	P06396	GSN	1C0F_S
>ENSF00000003713	5	P31025	LCN1	1XKI_A
>ENSF00000002430	3	P52565	ARHGDI	1CC0_E

>ENSF00000002430	3	P52566	ARHGDIB	1DS6_B
>ENSF00000000662	6	P11308	ERG	1SX_E_A
>ENSF00000000662	6	P14921	ETS1	1GVJ_A
>ENSF00000000662	6	Q01543	FLI1	1FLI_A
>ENSF00000002690	7	P17480	UBTF	1K99_A
>ENSF00000000257	10	Q86VW2	SLC26A10	2RGN_B
>ENSF00000001332	2	Q9BYF1	ACE2	1R42_A
>ENSF00000001332	2	P12821	ACE	2C6F_A
>ENSF00000002320	3	Q9GZT9	EGLN1	2G19_A
>ENSF00000004375	2	P56915	GSC	2DMU_A
>ENSF00000000529	7	Q04609	FOLH1	1Z8L_A
>ENSF00000000529	7	P02786	TFRC	1CX8_A
>ENSF00000000648	4	Q9Y297	BTRC	1P22_A
>ENSF00000000648	4	Q969H0	FBXW7	2OVP_B
>ENSF00000001781	5	Q02410	APBA1	1AQC_A
>ENSF00000000570	6	Q96CW1	AP2M1	1H6E_A
>ENSF00000000435	9	Q8NHS0	DNAJB8	2DMX_A
>ENSF00000000435	9	P25685	DNAJB1	1HDJ_A
>ENSF00000001157	4	Q9H999	PANK3	2I7P_A
>ENSF00000001157	4	Q8TE04	PANK1	2I7N_A
>ENSF00000000603	4	P26038	MSN	1E5W_A
>ENSF00000000603	4	P35240	NF2	1H4R_A
>ENSF00000000603	4	P15311	VIL2	1NI2_A
>ENSF00000002032	4	P62993	GRB2	1AZE_A
>ENSF00000000108	11	P42330	AKR1C3	1RY0_A
>ENSF00000000108	11	P17516	AKR1C4	2FVL_A
>ENSF00000000108	11	P15121	AKR1B1	1ABN_A
>ENSF00000000108	11	O60218	AKR1B10	1ZUA_X
>ENSF00000000108	11	P14550	AKR1A1	2ALR_A
>ENSF00000000108	11	Q04828	AKR1C1	1MRQ_A
>ENSF00000000108	11	P52895	AKR1C2	1IHI_A
>ENSF00000002446	2	P45974	USP5	2DAG_A
>ENSF00000003874	3	Q07654	TFF3	1E9T_A
>ENSF00000003874	3	P04155	TFF1	1HI7_A
>ENSF00000001984	2	Q9NP61	ARFGAP3	2CRW_A
>ENSF00000001984	2	Q8N6H7	ZNF289	2P57_A

>ENSF00000000920	7	Q15654	TRIP6	1X61_A
>ENSF00000001733	2	Q15582	TGFB1	1X3B_A
>ENSF00000001753	3	Q8WZ64	CENTD1	1X40_A
>ENSF00000001672	2	Q01167	FOXK2	1JXS_A
>ENSF00000001124	3	P10600	TGFB3	1KTZ_A
>ENSF00000001124	3	P61812	TGFB2	1TFG_A
>ENSF00000001124	3	P01137	TGFB1	1KLA_A
>ENSF00000003385	2	P21741	MDK	1MKC_A
>ENSF00000001813	3	Q9Y5X3	SNX5	1SYS_C
>ENSF00000001667	3	Q7L804	RAB11FIP2	2GZD_C
>ENSF00000004001	2	Q96DC9	OTUB2	1TFF_A
>ENSF00000000463	4	P20908	COL5A1	1A89_A
>ENSF00000000240	5	Q02548	PAX5	1K78_A
>ENSF00000000240	5	P26367	PAX6	2CUE_A
>ENSF00000000131	21	P29033	GJB2	1XIR_A
>ENSF00000000131	21	P08034	GJB1	1TXH_A
>ENSF00000001789	3	P23528	CFL1	1Q8G_A
>ENSF00000001947	3	Q96B97	SH3KBP1	2BZ8_A
>ENSF00000001947	3	Q9Y5K6	CD2AP	2FEI_A
>ENSF00000000352	10	Q8IU85	CAMK1D	2JC6_A
>ENSF00000000352	10	Q96NX5	CAMK1G	2JAM_A
>ENSF00000000352	10	O96017	CHEK2	1GXC_A
>ENSF00000005965	4	P31151	S100A7	1PSR_A
>ENSF00000000953	6	P52943	CRIP2	2CU8_A
>ENSF00000000094	10	P05091	ALDH2	1CW3_A
>ENSF00000000094	10	O75891	ALDH1L1	2BW0_A
>ENSF00000001911	2	P50542	PEX5	1FCH_A
>ENSF00000000172	7	P22607	FGFR3	1RY7_B
>ENSF00000000172	7	P22455	FGFR4	1QCT_B
>ENSF00000000172	7	P21802	FGFR2	1DJS_A
>ENSF00000000172	7	P07949	RET	1XPD_A
>ENSF00000000172	7	P11362	FGFR1	1AGW_A
>ENSF00000000309	12	P57735	RAB25	2OIL_A
>ENSF00000000309	12	Q8WUD1	RAB2B	2A5J_A
>ENSF00000000309	12	P62491	RAB11A	1OIV_A
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>ENSF00000000309	12	Q15907	RAB11B	2F9L_A
>ENSF00000000309	12	Q16674	RAB4B	1HJD_A
>ENSF00000000309	12	P20338	RAB4A	1YU9_A
>ENSF00000000309	12	P61106	RAB14	1Z0F_A
>ENSF00000001830	2	P84103	SFRS3	2I2Y_A
>ENSF00000001830	2	Q16629	SFRS7	2HVZ_A
>ENSF00000002434	2	P20823	HNF1A	1IC8_A
>ENSF00000002434	2	P35680	HNF1B	2DA6_A
>ENSF00000000070	18	P05120	SERPINB2	1BY7_A
>ENSF00000000070	18	P01008	SERPINC1	1ANT_I
>ENSF00000000070	18	P36952	SERPINB5	1WZ9_A
>ENSF00000000070	18	P05121	SERPINE1	1A7C_A
>ENSF00000001912	2	O76003	TXNL2	2DIY_A
>ENSF00000000492	6	P35813	PPM1A	1A6Q_A
>ENSF00000000492	6	O75688	PPM1B	2P8E_A
>ENSF00000003224	2	Q8IWT3	PARC	2JUF_A
>ENSF00000003224	2	Q14999	CUL7	2JNG_A
>ENSF00000000430	9	P31946	YWHAB	2BQ0_A
>ENSF00000000430	9	P27348	YWHAQ	2BTP_A
>ENSF00000000430	9	P63104	YWHAZ	1IB1_A
>ENSF00000000430	9	Q04917	YWHAH	2C63_A
>ENSF00000000430	9	P62258	YWHAE	2BR9_A
>ENSF00000000430	9	P31947	SFN	1YWT_A
>ENSF00000000430	9	P61981	YWHAG	2B05_A
>ENSF00000002923	2	P47813	EIF1AX	1D7Q_A
>ENSF00000001509	3	Q6P587	FAHD1	1SAW_A
>ENSF00000003448	2	Q15466	NR0B2	1YUC_C
>ENSF00000001062	3	O60711	LPXN	1X3H_A
>ENSF00000001062	3	P49023	PXN	1KKY_A
>ENSF00000000100	20	Q9Y5Y6	ST14	1EAW_A
>ENSF00000000100	20	P05981	HPN	1O5E_H
>ENSF00000000100	20	Q9UL52	TMPRSS11E	2OQ5_A
>ENSF00000001198	3	Q01844	EWSR1	2CPE_A
>ENSF00000001552	2	P11177	PDHB	1NI4_B
>ENSF00000001552	2	P21953	BCKDHB	1DTW_B
>ENSF00000001283	4	P08253	MMP2	1CK7_A

>ENSF00000001283	4	P14780	MMP9	1GKC_A
>ENSF00000000963	4	P21731	TBXA2R	1LBN_A
>ENSF00000003029	2	P02760	AMBP	1BIK_A
>ENSF00000001445	4	P98177	FOXO4	1E17_A
>ENSF00000000691	5	Q9GZU7	CTDSP1	1T9Z_A
>ENSF00000000691	5	O15194	CTDSPL	2HHL_A
>ENSF00000000691	5	O14595	CTDSP2	2Q5E_A
>ENSF00000001537	4	Q92826	HOXB13	2CRA_A
>ENSF00000000307	7	P43686	PSMC4	2DVW_B
>ENSF00000002120	2	P30153	PPP2R1A	1B3U_A
>ENSF00000002051	3	P62877	RBX1	1LDJ_B
>ENSF00000002051	3	Q9UBF6	RNF7	2ECL_A
>ENSF00000001695	6	Q01081	U2AF1	1JMT_A
>ENSF00000001608	3	Q9NR80	ARHGEF4	2DX1_A
>ENSF00000008895	2	P56279	TCL1A	1JSG_A
>ENSF00000008895	2	P56278	MTCP1	1A1X_A
>ENSF00000001461	3	P12111	COL6A3	1KNT_A
>ENSF00000000220	10	P02794	FTH1	1FHA_A
>ENSF00000000220	10	P02792	FTL	2FFX_J
>ENSF00000000220	10	Q8N4E7	FTMT	1R03_A
>ENSF00000000283	27	P68431	HIST1H2AG	2B2T_D
>ENSF00000000283	27	P16104	H2AFX	2D31_C
>ENSF00000000283	27	P28001	HIST1H2AE	2CV5_C
>ENSF00000000283	27	P62805	HIST1H4A	2CV5_B
>ENSF00000000283	27	P0C0S5	H2AFZ	1F66_C
>ENSF00000001024	3	P01375	TNF	1A8M_A
>ENSF00000001024	3	P01374	LTA	1TNR_A
>ENSF00000000433	8	O00212	RHOD	2J1L_A
>ENSF00000000433	8	P62745	RHOB	2FV8_A
>ENSF00000000433	8	P08134	RHOC	1Z2C_A
>ENSF00000000433	8	P61586	RHOA	1A2B_A
>ENSF00000000433	8	P61587	RND3	1M7B_A
>ENSF00000000433	8	Q92730	RND1	2CLS_A
>ENSF00000000033	24	Q14204	DYNC1H1	2BOR_A
>ENSF00000002890	2	Q07960	ARHGAP1	1AM4_A
>ENSF00000000807	7	P30556	AGTR1	1ZV0_B

>ENSF00000000089	9	P23470	PTPRG	2H4V_A
>ENSF00000000089	9	P10586	PTPRF	1LAR_A
>ENSF00000000089	9	Q13332	PTPRS	2FH7_A
>ENSF00000000089	9	P43378	PTPN9	2PA5_A
>ENSF00000000089	9	P23468	PTPRD	1X5Z_A
>ENSF00000000089	9	P08575	PTPRC	1YGR_A
>ENSF00000000717	6	P10646	TFPI	1ADZ_A
>ENSF00000000717	6	Q96NZ8	WFIKKN1	2DDI_A
>ENSF00000000717	6	P48307	TFPI2	1ZR0_B
>ENSF00000001085	3	Q9UI43	FTSJ2	2NYU_A
>ENSF00000003420	3	Q9BW30	TPPP3	2JRF_A
>ENSF00000002544	2	P00367	GLUDP5	1L1F_A
>ENSF00000002322	4	Q86XN8	MEX3D	2DGR_A
>ENSF00000001137	2	Q15811	ITSN1	1KI1_B
>ENSF00000001137	2	Q9NZM3	ITSN2	1J3T_A
>ENSF00000000678	3	P02545	LMNA	1IFR_A
>ENSF00000000885	4	P60604	UBE2G2	2CYX_A
>ENSF00000000885	4	P62253	UBE2G1	2AWF_A
>ENSF00000000885	4	P49427	CDC34	2OB4_A
>ENSF00000000353	5	O95718	ESRRB	1LO1_A
>ENSF00000000353	5	P11474	ESRRA	1XB7_A
>ENSF00000000353	5	Q92731	ESR2	1L2J_A
>ENSF00000000353	5	P03372	ESR1	1A52_A
>ENSF00000000353	5	P62508	ESRRG	1KV6_A
>ENSF00000001640	3	P43354	NR4A2	1OVL_A
>ENSF00000001640	3	P22736	NR4A1	2GBD_A
>ENSF00000000905	4	O15409	FOXP2	2A07_F
>ENSF00000002789	2	Q9UKK6	NXT1	1JKG_A
>ENSF00000001351	3	O00213	APBB1	2E45_A
>ENSF00000001426	4	Q05195	MXD1	1E91_B
>ENSF00000000129	13	P62158	CALM1	1AJI_A
>ENSF00000000129	13	P63316	TNNC1	1AP4_A
>ENSF00000000129	13	P62158	CALM3	1AJI_A
>ENSF00000000129	13	Q9NZT1	CALML5	2B1U_A
>ENSF00000000129	13	P27482	CALML3	1GGZ_A
>ENSF00000000129	13	P41208	CETN2	1M39_A

>ENSF00000003216	2	P57075	UBASH3A	2CRN_A
>ENSF00000003216	2	Q8TF42	STS-1	2CPW_A
>ENSF00000000078	21	Q9BZ11	ADAM33	1R54_A
>ENSF00000000078	21	Q13443	ADAM9	1M1V_A
>ENSF00000000157	23	Q99958	FOXC2	1D5V_A
>ENSF00000003953	4	P61024	CKS1B	1BUH_B
>ENSF00000003953	4	P33552	CKS2	1CKS_A
>ENSF00000000500	6	Q7L2E3	DHX30	2DB2_A
>ENSF00000000500	6	Q9H6S0	YTHDC2	2YU6_A
>ENSF00000003164	2	Q96BM9	ARL8A	1ZD9_A
>ENSF00000003164	2	Q9NVJ2	ARL8B	2AL7_A
>ENSF00000000448	8	P36894	BMPR1A	1ES7_B
>ENSF00000000448	8	P36897	TGFBR1	1B6C_B
>ENSF00000001183	5	P07910	HNRPC	1TXP_A
>ENSF00000001183	5	P07910	HNRPCL1	1TXP_A
>ENSF00000001183	5	Q9UKM9	RALY	1WF1_A
>ENSF00000000700	5	P68106	FKBP1B	1C9H_A
>ENSF00000000700	5	P62942	FKBP1A	1A7X_A
>ENSF00000000700	5	Q02790	FKBP4	1N1A_A
>ENSF00000000700	5	Q13451	FKBP5	1KT0_A
>ENSF00000000913	8	P15289	ARSA	1AUK_A
>ENSF00000000913	8	P08842	STS	1P49_A
>ENSF00000004199	2	Q9H3N1	TXNDC1	1X5E_A
>ENSF00000002047	2	Q07912	TNK2	1CF4_B
>ENSF00000001034	3	P48163	ME1	2AW5_A
>ENSF00000001034	3	P23368	ME2	1DO8_A
>ENSF00000000837	6	P47712	PLA2G4A	1BCI_A
>ENSF00000000894	4	P49758	RGS6	2ES0_A
>ENSF00000000894	4	P49802	RGS7	2A72_A
>ENSF00000001151	15	Q99490	CENTG1	2BMJ_A
>ENSF00000004305	3	Q99967	CITED2	1P4Q_A
>ENSF00000002742	2	Q13257	MAD2L1	1DUJ_A
>ENSF00000000555	4	Q9BPX1	HSD17B14	1YDE_A
>ENSF00000001767	3	P49137	MAPKAPK2	1KWP_A
>ENSF00000000136	6	Q9TQB0	HLA-DPA1	1SYV_C
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>ENSF00000000779	6	Q14209	E2F2	1N4M_C
>ENSF00000000779	6	Q01094	E2F1	1H24_E
>ENSF00000000779	6	Q16254	E2F4	1CF7_A
>ENSF00000000571	7	P25098	ADRBK1	1BAK_A
>ENSF00000000571	7	P43250	GRK6	2ACX_A
>ENSF00000000421	8	O15119	TBX3	1H6F_A
>ENSF000000001060	3	Q07157	TJP1	2H2B_A
>ENSF00000000111	14	P29320	EPHA3	2QO9_A
>ENSF00000000111	14	P54762	EPHB1	2EAO_A
>ENSF00000000111	14	P29322	EPHA8	1UCV_A
>ENSF00000000111	14	P29323	EPHB2	1B4F_A
>ENSF00000000111	14	P29317	EPHA2	1MQB_A
>ENSF00000000111	14	P54760	EPHB4	2BBA_A
>ENSF00000000280	8	Q9UKU7	ACAD8	1RX0_A
>ENSF00000000280	8	P26440	IVD	1IVH_A
>ENSF00000000280	8	P45954	ACADSB	2JIF_A
>ENSF00000000280	8	P49748	ACADVL	2UXW_A
>ENSF00000000280	8	P11310	ACADM	1EGC_A
>ENSF000000001582	3	Q16854	DGUOK	2OCP_A
>ENSF000000001582	3	P27707	DCK	1P5Z_B
>ENSF00000000063	17	P02708	CHRNA1	1Y5P_B
>ENSF00000000063	17	P43681	CHRNA4	2GVT_A
>ENSF00000000063	17	Q04844	CHRNE	2DF9_A
>ENSF00000000063	17	P17787	CHRNA2	2GVT_B
>ENSF00000000063	17	P30926	CHRNA4	2ASG_B
>ENSF000000002006	2	Q9H2G2	SLK	2J51_A
>ENSF000000002006	2	O94804	STK10	2J7T_A
>ENSF000000000367	5	P23415	GLRA1	1MOT_A
>ENSF000000000434	7	Q9NQU5	PAK6	2C30_A
>ENSF000000000434	7	Q13153	PAK1	1F3M_A
>ENSF000000000434	7	Q9P286	PAK7	2F57_A
>ENSF000000000434	7	O96013	PAK4	2BVA_A
>ENSF000000001772	2	P08579	SNRPA	1A9N_B
>ENSF000000001772	2	P09012	SNRPA	1AUD_A
>ENSF000000002493	2	O15169	AXIN1	1DK8_A
>ENSF000000002591	2	Q8WZ73	RFFL	1Y02_A

>ENSF00000000446	7	P47736	RAP1GAP	1SRQ_A
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>ENSF00000002009	3	P52757	CHN2	1XA6_A
>ENSF00000002039	3	P05412	JUN	1A02_J
>ENSF00000000137	10	Q9HCK8	CHD8	2CKA_A
>ENSF00000000137	10	Q9P2D1	CHD7	2CKC_A
>ENSF00000000137	10	O14646	CHD1	2B2T_A
>ENSF00000000137	10	Q14839	CHD4	1MM2_A
>ENSF00000000557	8	P14384	CPM	1UWY_A
>ENSF00000000557	8	P15169	CPN1	2NSM_A
>ENSF00000000133	15	P13928	ANXA8	1W3W_A
>ENSF00000000133	15	P08133	ANXA6	1M9I_A
>ENSF00000000133	15	P12429	ANXA3	1AI_A
>ENSF00000000133	15	P07355	ANXA2P3	1W7B_A
>ENSF00000000133	15	P08758	ANXA5	1ANW_A
>ENSF00000000133	15	P04083	ANXA1	1AIN_A
>ENSF00000000133	15	P13928	ANXA8L2	1W3W_A
>ENSF00000002103	3	P78417	GSTO1	1EEM_A
>ENSF00000001107	3	P35398	RORA	1N83_A
>ENSF00000002543	3	Q7Z698	SPRED2	2JP2_A
>ENSF00000002259	3	P35236	PTPN7	1ZC0_A
>ENSF00000002259	3	P54829	PTPN5	2BIJ_A
>ENSF00000002259	3	Q15256	PTPRR	2A8B_A
>ENSF00000000381	8	O75582	RPS6KA5	1VZO_A
>ENSF00000003570	2	P28845	HSD11B1	1XU7_A
>ENSF00000001169	4	Q9H4M7	PLEKHA4	1UPQ_A
>ENSF00000001169	4	Q9Y2H5	PLEKHA6	2D9Y_A
>ENSF00000001169	4	Q9HAU0	PLEKHA5	2DKP_A
>ENSF00000001675	3	O75909	CCNK	2I53_A
>ENSF00000001675	3	O60583	CCNT2	2IVX_A
>ENSF00000001675	3	O60563	CCNT1	2PK2_A
>ENSF00000004688	2	Q08380	LGALS3BP	1BY2_A
>ENSF00000001166	3	P15336	ATF2	1BHI_A
>ENSF00000001358	4	P50607	TUB	1S31_A
>ENSF00000001358	4	O00294	TULP1	2FIM_A
>ENSF00000000961	2	Q13363	CTBP1	1MX3_A

>ENSF00000000961	2	P56545	CTBP2	2OME_A
>ENSF00000000253	2	P06276	BCHE	1EHO_A
>ENSF00000000253	2	P22303	ACHE	1B41_A
>ENSF00000000260	13	P60953	CDC42	1A4R_A
>ENSF00000000260	13	P60763	RAC3	2C2H_A
>ENSF00000000260	13	P63000	RAC1	1E96_A
>ENSF00000000260	13	P17081	RHOQ	2ATX_A
>ENSF00000000260	13	P15153	RAC2	1DS6_A
>ENSF00000001279	4	Q99418	PSCD2	1PBV_A
>ENSF00000001279	4	Q15438	PSCD1	1BC9_A
>ENSF00000007957	2	P04090	RLN2	6RLX_A
>ENSF00000001615	4	Q96A58	RERG	2ATV_A
>ENSF00000001973	9	Q9Y3E5	PTRH2	1Q7S_A
>ENSF00000006397	2	P11441	UBL4A	2DZI_A
>ENSF00000000728	6	Q9P232	CNTN3	1WJ3_A
>ENSF00000000728	6	Q02246	CNTN2	2OM5_A
>ENSF00000000728	6	Q12860	CNTN1	2EE2_A
>ENSF00000000178	7	Q8WZ42	TTN	1BPV_A
>ENSF00000000178	7	Q5VST9	OBSCN	1V1C_A
>ENSF00000000178	7	O75147	OBSL1	2CPC_A
>ENSF00000003202	2	O43819	SCO2	2RLI_A
>ENSF00000003202	2	O75880	SCO1	1WP0_A
>ENSF00000000576	6	P14649	MYL6B	1OE9_B
>ENSF00000001197	5	P40424	PBX1	1B72_B
>ENSF00000001692	2	P51659	HSD17B4	1IKT_A
>ENSF00000000982	4	Q9UNA1	ARHGAP26	1UGV_A
>ENSF00000000293	7	Q9Y259	CHKB	2IG7_A
>ENSF00000000293	7	P43155	CRAT	1NM8_A
>ENSF00000000293	7	P28329	CHAT	2FY2_A
>ENSF00000003126	2	O14958	CASQ2	2V0Q_A
>ENSF00000000184	2	P02042	HBB	1SHR_B
>ENSF00000000184	2	P69892	HBG2	1FDH_G
>ENSF00000001385	2	Q9Y4J8	DTNA	2E5R_A
>ENSF00000000803	4	Q9BRR9	ARHGAP9	2P0D_A
>ENSF00000003187	2	Q8IZP6	RNF113B	2CSY_A
>ENSF00000003681	2	P33316	DUT	1Q5H_A

>ENSF00000000243	12	O15492	RGS16	2BT2_A
>ENSF00000000243	12	P57771	RGS8	2IHD_A
>ENSF00000000243	12	Q9NS28	RGS18	2DLV_A
>ENSF00000000243	12	Q08116	RGS1	2BV1_A
>ENSF00000000243	12	P41220	RGS2	2AF0_A
>ENSF00000000243	12	O15539	RGS5	2CRP_A
>ENSF00000000243	12	P49795	RGS19	1CMZ_A
>ENSF00000000243	12	Q9UGC6	RGS17	1ZV4_X
>ENSF00000000243	12	P49796	RGS3	2F5Y_A
>ENSF00000002811	3	Q01524	DEFA6	1ZMQ_A
>ENSF00000002811	3	Q01523	DEFA5	1ZMP_A
>ENSF00000009630	2	P47992	XCL1	1J8I_A
>ENSF00000000688	3	P36873	PPP1CC	1IT6_A
>ENSF00000000688	3	P62140	SPDYA	1S70_A
>ENSF00000001209	3	P32322	PYCR1	2GER_A
>ENSF00000000723	5	P07996	THBS1	1LSL_A
>ENSF00000000723	5	P35442	THBS2	1YO8_A
>ENSF00000001294	3	P78563	ADARB1	1ZY7_A
>ENSF00000001294	3	P55265	ADAR	1QBJ_A
>ENSF00000002286	2	Q9Y2H6	FNDC3A	1WK0_A
>ENSF00000000881	2	Q04637	EIF4G1	1LJ2_C
>ENSF00000000881	2	O43432	EIF4G3	1HU3_A
>ENSF00000003689	2	P41182	BCL6	1R28_A
>ENSF00000000531	6	Q04724	TLE1	1GXR_A
>ENSF00000001009	3	P10276	RARA	1DKF_B
>ENSF00000001009	3	P10826	RARB	1HRA_A
>ENSF00000001009	3	P13631	RARG	1EXA_A
>ENSF00000000294	6	P36222	CHI3L1	1HJV_A
>ENSF00000000294	6	Q13231	CHIT1	1GUV_A
>ENSF00000004227	3	Q92585	MAML1	2F8X_M
>ENSF00000002341	4	Q92956	TNFRSF14	1JMA_B
>ENSF00000002341	4	P36941	LTBR	1RF3_B
>ENSF00000002341	4	O75509	TNFRSF21	2DBH_A
>ENSF00000001923	2	Q9BX63	BRIP1	1T29_B
>ENSF00000000344	9	Q15746	MYLK	2CQV_A
>ENSF00000000344	9	P53355	DAPK1	1IG1_A

>ENSF00000000344	9	O43293	DAPK3	1YRP_A
>ENSF00000000344	9	Q9UIK4	DAPK2	1WMK_A
>ENSF00000002205	2	Q9H5I1	SUV39H2	2R3A_A
>ENSF00000000247	2	P47989	XDH	2CKJ_A
>ENSF00000000262	9	Q9HAQ2	KIF9	2NR8_A
>ENSF00000000262	9	Q02224	CENPE	1T5C_A
>ENSF00000000262	9	P52732	KIF11	1I16_A
>ENSF00000003022	2	O94868	FCHSD2	2DL5_A
>ENSF00000001694	3	P51149	RAB7A	1T91_A
>ENSF00000001694	3	P51151	RAB9A	1WMS_A
>ENSF00000001694	3	Q9NP90	RAB9B	2OCB_A
>ENSF00000001683	3	Q00839	HNRNPU	1ZRJ_A
>ENSF00000001540	3	Q9UHL0	DDX25	2G2J_A
>ENSF00000001313	3	P49763	PGF	1FZV_A
>ENSF00000001313	3	P15692	VEGFA	1BJ1_V
>ENSF00000001334	6	O14901	KLF11	1PO4_A
>ENSF00000003947	3	P50502	ST13	1UZZ_A
>ENSF00000001760	2	P30419	NMT1	1RXT_A
>ENSF00000003714	3	Q9UHG0	DCDC2	2DNF_A
>ENSF00000001345	4	P52848	NDST1	1NST_A
>ENSF00000001158	3	P06737	PYGL	1EM6_A
>ENSF00000001158	3	P11217	PYGM	1Z8D_A
>ENSF00000000149	18	Q9NPD8	UBE2T	1YH2_A
>ENSF00000000149	18	Q16763	UBE2S	1ZDN_A
>ENSF00000000149	18	O00762	UBE2C	1I7K_A
>ENSF00000000149	18	P62837	UBE2D3	1UR6_A
>ENSF00000000149	18	P51668	UBE2D1	2C4P_A
>ENSF00000000149	18	P61086	HIP2	1YLA_A
>ENSF00000000149	18	P61088	UBE2N	1J7D_B
>ENSF00000000149	18	P63146	UBE2B	1JAS_A
>ENSF00000000149	18	Q96LR5	UBE2E2	1Y6L_A
>ENSF00000000149	18	P62837	UBE2D2	1UR6_A
>ENSF00000000149	18	P51965	UBE2E1	1XR9_C
>ENSF00000002639	2	Q9Y259	CPT1B	2IG7_A
>ENSF00000002639	2	P35790	CHKA	2CKO_A
>ENSF00000000345	5	P51532	SMARCA4	2GRC_A

>ENSF00000001308	3	P51114	FXR1	2CPQ_A
>ENSF00000001308	3	Q06787	FMR1	2BKD_N
>ENSF00000000471	10	P09237	MMP7	1MMP_A
>ENSF00000000471	10	O60882	MMP20	2JSD_A
>ENSF00000000471	10	P22894	MMP8	1A85_A
>ENSF00000000471	10	P09238	MMP10	1Q3A_A
>ENSF00000000471	10	P03956	MMP1	1AYK_A
>ENSF00000000471	10	P08254	MMP3	1B3D_A
>ENSF00000000471	10	P39900	MMP12	1JIZ_A
>ENSF00000000471	10	P45452	MMP13	1EUB_A
>ENSF00000002974	2	Q9C026	TRIM9	2DB8_A
>ENSF00000001723	3	Q99683	MAP3K5	2CLQ_A
>ENSF00000001289	2	Q09472	EP300	1L3E_B
>ENSF00000001289	2	Q92793	CREBBP	1JSP_B
>ENSF00000004235	3	P25490	YY1	1UBD_C
>ENSF00000008626	2	Q99584	S100A13	1YUR_A
>ENSF00000000726	3	Q14739	LBR	2DIG_A
>ENSF00000000793	5	Q9UNL4	ING4	2JMQ_A
>ENSF00000000793	5	Q9NXR8	ING3	1X4I_A
>ENSF00000000630	6	Q9P218	COL20A1	2DKM_A
>ENSF00000003088	2	P22087	FBL	2IPX_A
>ENSF00000002194	2	P21397	MAOA	1H8Q_A
>ENSF00000002194	2	P27338	MAOB	1GOS_A
>ENSF00000001019	3	Q9BYJ4	TRIM6	2EGP_A
>ENSF00000001563	3	Q96T66	NMNAT3	1NUP_A
>ENSF00000001563	3	Q9HAN9	NMNAT1	1GZU_A
>ENSF00000000074	21	P06870	KLK1	1SPJ_A
>ENSF00000000074	21	P07288	KLK3	1PFA_A
>ENSF00000000074	21	P35030	PRSS3	1H4W_A
>ENSF00000000074	21	Q9Y5K2	KLK4	2BDG_A
>ENSF00000000074	21	Q9Y337	KLK5	2PSX_A
>ENSF00000000074	21	Q92876	KLK6	1GVL_A
>ENSF00000000074	21	P07477	PRSS1	1FXY_A
>ENSF00000001595	3	Q9NZN5	ARHGEF12	1TXD_A
>ENSF00000001595	3	Q92888	ARHGEF1	1IAP_A
>ENSF00000001595	3	O15085	ARHGEF11	1HTJ_F

>ENSF00000000447	8	Q12809	KCNH2	1BYW_A
>ENSF00000005307	2	Q7Z6J2	GRASP	2PNT_A
>ENSF00000000833	5	P37288	AVPR1A	1YTV_M
>ENSF00000000135	11	P68363	TUBA1B	2E4H_B
>ENSF00000002124	2	Q02818	NUCB1	1SNL_A
>ENSF000000014479	2	P59665	DEFA1	1DFN_A
>ENSF000000014479	2	P59666	DEFA3	1ZMH_A
>ENSF000000033070	2	P59665	DEFA1	1DFN_A
>ENSF00000001635	2	P21554	CNR1	1LVQ_A
>ENSF00000000805	6	Q9NQ69	LHX9	2DMQ_A
>ENSF00000001792	2	Q16769	QPCT	1MOI_A
>ENSF000000006702	2	P13727	PRG2	1H8U_A
>ENSF00000000242	8	P35228	NOS2A	1NSI_A
>ENSF00000000242	8	P16435	POR	1B1C_A
>ENSF00000000242	8	P29474	NOS3	1M9J_A
>ENSF000000001480	3	Q9Y6F1	PARP3	2PA9_A
>ENSF000000001480	3	P09874	PARP1	1UK0_A
>ENSF000000002993	2	Q9NYJ8	MAP3K7IP2	2DAE_A
>ENSF000000003419	3	Q9H9Z2	LIN28	2CQF_A
>ENSF000000000948	4	Q15365	PCBP1	1WVN_A
>ENSF000000000948	4	Q15366	PCBP2	2AXY_A
>ENSF000000003057	3	Q9HAP6	LIN7B	2DKR_A
>ENSF000000006465	2	Q8IYN6	FAM100B	2DZL_A
>ENSF000000000923	4	Q96PQ0	SORCS2	1WGO_A
>ENSF000000001061	3	Q5VZF2	MBNL2	2E5S_A
>ENSF000000007804	2	P62140	SPDYA	1S70_A
>ENSF000000000288	19	P61328	FGF12	1Q1U_A
>ENSF000000000288	19	P08620	FGF4	1IJT_A
>ENSF000000000288	19	P31371	FGF9	1G82_A
>ENSF000000000288	19	O15520	FGF10	1NUN_A
>ENSF000000000143	13	P07384	CAPN1	1ZCM_A
>ENSF000000000143	13	P20807	CAPN3	1Y9V_A
>ENSF000000000143	13	Q6MZZ7	CAPN13	2I7A_A
>ENSF000000000143	13	O14815	CAPN9	1ZIV_A
>ENSF000000000143	13	P17655	CAPN2	1KFU_L
>ENSF000000000143	13	P04632	CAPNS1	1KFU_S

>ENSF00000001379	2	Q01085	TIAL1	1X4G_A
>ENSF00000001699	2	P39060	COL18A1	1BNL_A
>ENSF00000000227	9	Q8NFP9	LOC730471	1MI1_A
>ENSF00000000227	9	P50851	LRBA	1T77_A
>ENSF00000000694	3	Q9H3D4	TP63	1RG6_A
>ENSF00000000694	3	O15350	TP73	1COK_A
>ENSF00000000694	3	P04637	TP53	1A1U_A
>ENSF00000001866	2	P07602	PSAP	1M12_A
>ENSF00000001627	3	Q8N4X5	AFAP1L2	2COF_A
>ENSF00000000386	9	Q14653	IRF3	1J2F_A
>ENSF00000000386	9	Q96EP0	RNF31	2CT7_A
>ENSF00000000386	9	Q15306	IRF4	2DLL_A
>ENSF00000000379	6	Q9BZ29	DOCK9	1WG7_A
>ENSF00000000685	7	Q9UJ78	ZMYM5	2DAS_A
>ENSF00000000584	4	P20929	NEB	1ARK_A
>ENSF00000000869	4	P51800	CLCNKA	2PFI_A
>ENSF00000000403	10	P62166	FREQ	1G8I_A
>ENSF00000000403	10	O95843	GUCA1C	2GGZ_A
>ENSF00000000403	10	P35243	RCVRN	2D8N_A
>ENSF00000000682	5	O60573	EIF4E2	2JGB_A
>ENSF00000000682	5	P06730	EIF4E	1IPB_A
>ENSF00000002560	2	O95433	AHSA1	1X53_A
>ENSF00000002401	3	Q16674	RAB4B	1HJD_A
>ENSF00000003703	2	Q15772	SPEG	1U2H_A
>ENSF00000003703	2	Q5VST9	OBSCN	1V1C_A
>ENSF00000000368	9	P00709	LALBA	1A4V_A
>ENSF00000000368	9	P61626	LYZ	133L_A
>ENSF00000001949	2	Q9HBX9	RXFP1	2JM4_A
>ENSF00000001142	4	Q15646	OASL	1WH3_A
>ENSF00000005489	5	Q15544	TAF11	1BH8_B
>ENSF00000001346	3	P32930	OCM	1TTX_A
>ENSF00000001346	3	P20472	PVALB	1RJV_A
>ENSF00000001301	4	P27918	CFP	1W0R_A
>ENSF00000000799	4	Q00722	PLCB2	2FJU_B
>ENSF00000001986	2	P17812	CTPS	2C5M_A
>ENSF00000002412	2	P14543	NID1	1NDX_A

>ENSF000000002153	3	Q8IZ41	RASEF	2PMY_A
>ENSF00000000392	9	Q9NTZ6	RBM12	1WEL_A
>ENSF00000000277	10	O75351	VPS4B	1WR0_A
>ENSF00000000277	10	Q9UN37	VPS4A	1YXR_A
>ENSF000000004712	2	Q8WUN7	UBTD2	1TTN_A
>ENSF00000000385	4	P01243	CSH1	1Z7C_A
>ENSF00000000385	4	P01241	GH1	1A22_A
>ENSF00000000753	6	P56178	DLX5	2DJN_A
>ENSF00000000739	7	P26885	FKBP2	2PBC_A
>ENSF000000003474	2	O00560	SDCBP	1N99_A
>ENSF00000000642	6	Q12933	TRAF2	1CA4_A
>ENSF00000000642	6	Q13114	TRAF3	1FLK_A
>ENSF00000000642	6	Q9Y4K3	TRAF6	1LB4_A
>ENSF000000005415	2	P54252	ATXN3	1YZB_A
>ENSF000000001916	2	P15374	UCHL3	1UCH_A
>ENSF000000001916	2	P09936	UCHL1	2ETL_A
>ENSF000000000924	5	P49759	CLK1	1Z57_A
>ENSF000000000924	5	P49761	CLK3	2EU9_A
>ENSF000000000797	5	Q04756	HGFAC	1YBW_A
>ENSF000000000797	5	P00749	PLAU	1C5W_A
>ENSF000000000797	5	P00750	PLAT	1A5H_A
>ENSF000000000436	5	Q9BWD1	ACAT2	1WL4_A
>ENSF000000000436	5	P09110	ACAA1	2IHK_A
>ENSF000000000436	5	P24752	ACAT1	2F2S_A
>ENSF000000002334	3	P52799	EFNB2	2HLE_B
>ENSF000000000601	5	P08709	F7	1BF9_A
>ENSF000000000601	5	P00742	F10	1C5M_D
>ENSF000000000601	5	P04070	PROC	1AUT_C
>ENSF000000000601	5	P00740	F9	1CFH_A
>ENSF000000000776	4	Q6H8Q1	ABLIM2	1V6G_A
>ENSF000000000776	4	Q08495	EPB49	1QZP_A
>ENSF000000000776	4	O94929	ABLIM3	1UJS_A
>ENSF000000001162	5	P50391	PPYR1	2IK5_@
>ENSF000000001162	5	P25929	NPY1R	2F1U_A
>ENSF000000001162	5	P49146	NPY2R	2IK3_@
>ENSF000000000113	10	P00790	PGA4	1FLH_A

>ENSF00000000113	10	P00797	REN	1BBS_A
>ENSF00000000113	10	P07339	CTSD	1LYA_A
>ENSF00000000113	10	P14091	CTSE	1LCG_A
>ENSF00000000113	10	P20142	PGC	1AVF_A
>ENSF00000001465	15	P62805	HIST1H4A	2CV5_B
>ENSF00000001465	15	P62805	HIST4H4	2CV5_B
>ENSF00000001465	15	P62805	HIST4H4	2CV5_B
>ENSF00000002119	2	Q86U06	RBM23	2CQ4_A
>ENSF00000002119	2	Q14498	RBM39	2JRS_A
>ENSF00000001533	3	O43566	RGS14	2JNU_A
>ENSF00000001533	3	O43665	RGS10	2DLR_A
>ENSF00000000378	5	P12532	CKMT1B	1QK1_A
>ENSF00000000378	5	P12532	CKMT1A	1QK1_A
>ENSF00000000378	5	P06732	CKM	1I0E_A
>ENSF00000000378	5	P17540	CKMT2	2GL6_A
>ENSF00000000574	6	Q00169	PITPNA	1UW5_A
>ENSF00000000190	9	P02730	SLC4A1	1BH7_A
>ENSF00000000488	4	P05093	CYP17A1	2C17_A
>ENSF00000000488	4	P05177	CYP1A2	2HI4_A
>ENSF00000001080	5	O15162	PLSCR1	1Y2A_P
>ENSF00000001314	3	P30305	CDC25B	1CWR_A
>ENSF00000001314	3	P30304	CDC25A	1C25_A
>ENSF00000001806	3	P46937	YAP1	1JMQ_A
>ENSF00000002918	2	Q96RQ9	IL4I1	2I8H_@
>ENSF00000001174	3	O94851	MICAL2	2E9K_A
>ENSF00000001174	3	Q8TDZ2	MICAL1	1WYL_A
>ENSF00000004081	2	Q8TB52	FBXO30	2YRE_A
>ENSF00000001932	2	Q14247	CTTN	1X69_A
>ENSF00000000674	6	P09211	GSTP1	10GS_A
>ENSF00000000674	6	Q03013	GSTM4	4GTU_A
>ENSF00000000674	6	P09488	GSTM1	1GTU_A
>ENSF00000000674	6	P21266	GSTM3	3GTU_B
>ENSF00000003587	3	Q9BZR6	RTN4R	1OZN_A
>ENSF00000000720	3	Q59FN5	RYS1	2BCX_B
>ENSF00000000984	4	O00746	NME4	1EHW_A
>ENSF00000000984	4	P15531	NME1	1JXV_A

>ENSF00000000984	4	Q13232	NME3	1ZS6_A
>ENSF00000000200	12	P18075	BMP7	1BMP_A
>ENSF00000000200	12	P12643	BMP2	1ES7_A
>ENSF00000000200	12	P43026	GDF5	1WAQ_A
>ENSF00000002872	2	P00966	ASS1	2NZ2_A
>ENSF00000000786	6	Q13489	BIRC3	2UVL_A
>ENSF00000000786	6	Q13490	BIRC2	1QBH_A
>ENSF00000000786	6	Q96P09	BIRC8	1XB0_A
>ENSF00000000786	6	P98170	BIRC4	1C9Q_A
>ENSF00000000786	6	Q96CA5	BIRC7	1OXN_A
>ENSF00000001908	3	P21673	#####	2B3U_A
>ENSF00000001908	3	Q96F10	#####	2BEI_A
>ENSF00000001421	6	Q9UBU9	NXF1	1FO1_A
>ENSF00000000904	7	Q5VV41	ARHGEF16	1X6B_A
>ENSF00000003129	4	P07225	PROS1	1Z6C_A
>ENSF00000003129	4	Q14393	GAS6	1H30_A
>ENSF00000000822	3	Q96QZ7	MAGI1	2Q9V_A
>ENSF00000000822	3	Q86UL8	MAGI2	1UEP_A
>ENSF00000001433	3	Q9H2H8	PPIL3	1XYH_A
>ENSF00000001433	3	Q9Y3C6	PPIL1	1XWN_A
>ENSF00000001433	3	Q96BP3	PPWD1	2A2N_A
>ENSF00000000610	5	Q15796	SMAD2	1DEV_A
>ENSF00000000610	5	P84022	SMAD3	1MHD_A
>ENSF00000000610	5	Q15797	SMAD1	1KHU_A
>ENSF00000000153	12	Q96JP2	MYO15B	2DLP_A
>ENSF00000001424	6	O43298	ZBTB43	2CSH_A
>ENSF00000001819	2	P23258	TUBG1	1Z5V_A
>ENSF000000004471	2	Q9H706	FAM59A	2DKZ_A
>ENSF00000001922	4	Q8IX15	PPP1R3E	2ECC_A
>ENSF00000003437	3	Q86UW6	N4BP2	2D9I_A
>ENSF00000001160	3	Q16836	HADH	1F0Y_A
>ENSF00000000772	5	O15075	DCLK1	1MFW_A
>ENSF00000000772	5	O43602	DCX	1MJD_A
>ENSF00000002554	3	P37840	SNCA	1XQ8_A
>ENSF00000000839	4	O95486	SEC24A	2NUP_B
>ENSF00000001444	3	Q16760	DGKD	1R79_A

>ENSF00000002219	2	Q9Y376	CAB39	1UPK_A
>ENSF00000002972	3	O14933	UBE2L6	1WZV_A
>ENSF00000002972	3	P68036	UBE2L3	1C4Z_D
>ENSF00000000397	9	P48436	SOX9	1S9M_A
>ENSF00000000485	5	Q03518	TAP1	1JJ7_A
>ENSF00000003072	2	P53365	ARFIP2	1I49_A
>ENSF00000001508	2	Q14914	LTB4DH	1ZSV_A
>ENSF00000001443	3	Q9ULL8	SHROOM4	2EDP_A
>ENSF00000001180	4	Q9HC62	SENP2	1TGZ_A
>ENSF00000001180	4	Q9P0U3	SENP1	2CKG_A
>ENSF00000000955	7	O14792	HS3ST1	1ZRH_A
>ENSF00000000955	7	Q9Y662	HS3ST3B1	1T8T_A
>ENSF00000000955	7	Q9Y663	HS3ST3A1	1T8T_A
>ENSF00000002653	3	Q9Y5J3	HEY1	2DB7_A
>ENSF00000003884	2	P45381	ASPA	2I3C_A
>ENSF00000001128	3	P30085	CMPK	1TEV_A
>ENSF00000001128	3	Q9Y6K8	AK5	2BWJ_A
>ENSF00000001128	3	P00568	AK1	1Z83_A
>ENSF00000004424	2	P52298	NCBP2	1H2T_Z
>ENSF00000000637	8	P14778	IL1R1	1G0Y_R
>ENSF00000000637	8	Q9NZN1	IL1RAPL1	1T3G_A
>ENSF00000003215	4	O95989	NUDT3	2FVV_A
>ENSF00000003259	2	O75865	TRAPPC6A	2C0J_B
>ENSF00000003259	2	Q86SZ2	TRAPPC6B	2BJN_A
>ENSF00000001231	4	P83110	HTRA3	2P3W_A
>ENSF00000001231	4	O43464	HTRA2	1LCY_A
>ENSF00000001231	4	Q92743	HTRA1	2JOA_A
>ENSF00000001448	4	P17676	CEBPB	1GTW_A
>ENSF00000000578	5	P46063	RECQL	2V1X_A
>ENSF00000000578	5	Q14191	WRN	2AXL_A
>ENSF00000000706	3	P16473	TSHR	1XUM_A
>ENSF00000000706	3	P22888	LHCGR	1LUT_A
>ENSF00000000706	3	P23945	FSHR	1XUN_A
>ENSF00000003597	2	P05305	EDN1	1EDN_A
>ENSF00000000442	9	P11215	ITGAM	1A8X_A
>ENSF00000000442	9	P20702	ITGAX	1N3Y_A

>ENSF00000000442	9	P56199	PELO	1PT6_A
>ENSF00000000442	9	P20701	ITGAL	1CQP_A
>ENSF00000000442	9	P17301	ITGA2	1AOX_A
>ENSF00000005002	2	Q9UKX7	NUP50	2EC1_A
>ENSF00000001275	2	Q8WWM9	CYGB	1UMO_A
>ENSF00000001275	2	P02144	MB	2MM1_A
>ENSF00000000044	11	P08107	HSPA1B	1HJO_A
>ENSF00000002038	2	O60341	AOF2	2COM_A
>ENSF00000000747	3	P13674	P4HA1	1TJC_A
>ENSF00000000469	6	Q14103	HNRPD	1HD0_A
>ENSF00000000469	6	Q96EP5	DAZAP1	2DGS_A
>ENSF00000000929	3	Q01196	RUNX1	1CMO_A
>ENSF00000001974	3	P15822	HIVEP1	1BBO_A
>ENSF00000001284	5	P39687	ANP32A	2JE0_A
>ENSF00000002339	3	Q9UPT8	C19orf7	2CQE_A
>ENSF00000000191	9	P04275	VWF	1AO3_A
>ENSF00000001103	5	P99999	CYCS	1J3S_A
>ENSF00000001898	3	Q92843	BCL2L2	1MK3_A
>ENSF00000001898	3	Q07817	BCL2L1	1BXL_A
>ENSF00000001898	3	P10415	BCL2	1G5M_A
>ENSF00000001492	4	P78310	CXADR	1EAJ_A
>ENSF00000001736	2	O43426	SYNJ1	1W80_P
>ENSF00000001736	2	O15056	SYNJ2	1UFW_A
>ENSF00000000954	7	Q9BYE7	PCGF6	2DJB_A
>ENSF00000000954	7	P35226	BMI1	2H0D_A
>ENSF00000001751	2	Q9Y678	COPG	1R4X_A
>ENSF00000001632	3	Q8IZU9	KIRREL3	2CRY_A
>ENSF00000001341	3	P52655	GTF2A1	1NVP_B
>ENSF00000001402	2	Q9H9B1	EHMT1	2IGQ_A
>ENSF00000001402	2	Q96KQ7	EHMT2	2O8J_A
>ENSF00000001462	4	P08476	INHBA	1NYS_B
>ENSF00000000429	8	Q96RT1	ERBB2IP	1MFG_A
>ENSF00000000429	8	Q14160	SCRIB	1UJU_A
>ENSF00000001389	5	P14598	NCF1	1GD5_A
>ENSF00000001389	5	P14598	NCF1C	1GD5_A
>ENSF00000001389	5	Q5TCZ1	SH3PXD2A	2DNU_A

>ENSF00000000625	6	P08151	GLI1	2GLI_A
>ENSF00000000821	4	P28347	TEAD1	2HZD_A
>ENSF00000000699	6	O43390	HNRPR	2DK2_A
>ENSF00000000699	6	O60506	SYNCRIP	2DGU_A
>ENSF00000000699	6	Q9NQ94	ACF	2CPD_A
>ENSF00000002724	2	P04080	CSTB	1STF_I
>ENSF00000002724	2	P01040	CSTA	1CYU_A
>ENSF00000000605	3	P45379	TNNT2	1J1D_B
>ENSF00000002249	4	P63167	DYNLL1	1CMI_A
>ENSF00000004521	2	Q8WXH5	SOCS4	2IZV_A
>ENSF00000001754	2	Q8NI35	INADL	1VF6_A
>ENSF00000001754	2	O75970	MPDZ	2FCF_A
>ENSF00000000286	14	P17931	LGALS3	1A3K_A
>ENSF00000000286	14	Q9UHV8	LGALS13	1F87_A
>ENSF00000000286	14	Q05315	CLC	1G86_A
>ENSF00000000286	14	P47929	LGALS7	1BKZ_A
>ENSF00000000286	14	P56470	LGALS4	1X50_A
>ENSF00000000864	5	Q15119	PDK2	2BTZ_A
>ENSF00000000864	5	Q15120	PDK3	1Y8N_A
>ENSF00000000944	4	O75928	PIAS2	2ASQ_B
>ENSF00000000944	4	O75925	PIAS1	1V66_A
>ENSF000000003344	2	Q9NTZ6	RBM12	1WEL_A
>ENSF00000000689	3	P11532	DMD	1DXX_A
>ENSF00000000689	3	P46939	UTRN	1BHD_A
>ENSF00000000455	8	P12259	F5	1CZS_A
>ENSF00000000455	8	P00450	CP	1KCW_A
>ENSF00000000455	8	P00451	F8	1CFG_A
>ENSF00000001665	12	P54278	PMS2	1EA6_A
>ENSF00000002258	2	O43278	SPINT1	1YC0_I
>ENSF00000001548	3	Q13625	TP53BP2	1YCS_B
>ENSF00000000279	10	P32246	CCR1	1Y5D_A
>ENSF00000000279	10	P41597	CCR2	1KAD_A
>ENSF00000000279	10	P51681	CCR5	1ND8_A
>ENSF00000002700	2	P18509	ADCYAP1	1GEA_A
>ENSF00000001270	2	P13591	NCAM1	2E3V_A
>ENSF00000001270	2	O15394	NCAM2	2DOC_A

>ENSF00000000650	4	P33765	ADORA3	1OEA_A
>ENSF00000000650	4	P29274	ADORA2A	1MMH_1
>ENSF00000002502	2	O95747	OXSRI	2V3S_A
>ENSF00000002433	2	P16152	CBRI	1WMA_A
>ENSF00000002433	2	O75828	CBR3	2HRB_A
>ENSF00000001047	5	P23193	TCEA1	1TFI_A
>ENSF00000001076	3	P20226	TBP	1C9B_B
>ENSF00000003769	2	Q9Y5W5	WIF1	2D3J_A
>ENSF00000001822	3	O94885	SASH1	2DL0_A
>ENSF00000000830	3	Q9BZ95	WHSC1L1	2DAQ_A
>ENSF00000001936	2	Q9UIF8	BAZ2B	2E7O_A
>ENSF00000003694	2	P50876	RNF144A	1WIM_A
>ENSF00000000239	5	P05997	COL5A2	1A9A_B
>ENSF00000000239	5	P02452	COL1A1	1Q7D_A
>ENSF00000000239	5	P02458	COL2A1	1U5M_A
>ENSF00000004314	2	P68402	PAFAH1B2	1VYH_A
>ENSF00000001395	3	Q9NQ75	C20orf32	2CRE_A
>ENSF00000001395	3	P56945	BCAR1	1WYX_A
>ENSF00000000651	4	P27540	ARNT	1D7G_C
>ENSF00000005426	2	P31785	IL2RG	1ILL_G
>ENSF00000008442	2	P40337	VHL	1LM8_V
>ENSF00000001531	3	Q8TDY4	DDEFL1	2B0O_E
>ENSF00000001531	3	Q9ULH1	DDEF1	2DA0_A
>ENSF00000000928	2	Q8TD84	DSCAML1	1VA9_A
>ENSF00000001127	2	Q14671	PUM1	1IB2_A
>ENSF00000005059	3	P12694	TMEM91	1DTW_A
>ENSF00000001297	4	O14745	SLC9A3R1	1G9O_A
>ENSF00000001297	4	Q86UT5	PDZD3	2V90_A
>ENSF00000001297	4	Q15599	SLC9A3R2	2HE4_A
>ENSF00000001604	3	Q16775	HAGH	1QH3_A
>ENSF00000002519	2	Q9Y5Z0	BACE2	2EWY_A
>ENSF00000002519	2	P56817	BACE1	1FKN_A
>ENSF00000000727	4	Q9BY41	HDAC8	1T64_A
>ENSF00000000727	4	Q13547	HDAC1	1TYI_A
>ENSF00000002845	2	P05230	FGF1	1AXM_A
>ENSF00000002845	2	P09038	FGF2	1BAS_A

>ENSF00000000607	7	P10398	ARAF	1WXM_A
>ENSF00000000607	7	P04049	RAF1	1C1Y_B
>ENSF00000000607	7	P15056	BRAF	1UWH_A
>ENSF00000001991	2	Q8NDI1	EHBP1	2D89_A
>ENSF00000002235	3	P00374	DHFR	1BOZ_A
>ENSF00000000112	5	P15814	IGLL1	2H32_B
>ENSF00000000112	5	P12018	VPREB1	2H32_A
>ENSF00000003693	2	Q8IY57	YAF2	2D9G_A
>ENSF00000000497	7	P15291	B4GALT1	2AE7_A
>ENSF00000001738	3	O60729	CDC14C	1OHC_A
>ENSF00000001614	6	P29466	CASP1	1BMQ_A
>ENSF00000001614	6	P57730	ICEBERG	1DGN_A
>ENSF00000001674	4	Q9Y618	NCOR2	1KKQ_E
>ENSF00000001317	3	Q9Y2K5	R3HDM2	1WHR_A
>ENSF00000000592	6	Q00535	CDK5	1H4L_A
>ENSF00000001453	4	P32969	RPL9P7	2CQL_A
>ENSF00000001453	4	P32969	RPL9	2CQL_A
>ENSF00000002621	2	Q15678	PTPN14	2BZL_A
>ENSF00000000981	3	Q13133	NR1H3	1UHL_B
>ENSF00000000981	3	P55055	NR1H2	1P8D_A
>ENSF00000000981	3	Q96RI1	NR1H4	1OSH_A
>ENSF00000000966	2	O75643	ASCC3L1	2Q0Z_X
>ENSF00000003283	2	P25942	CD40	1CDF_A
>ENSF00000000910	3	P16109	SELP	1FSB_A
>ENSF00000000910	3	P14151	SELL	1KJB_A
>ENSF00000000910	3	P16581	SELE	1ESL_A
>ENSF00000000419	6	P05164	MPO	1CXP_A
>ENSF00000001876	2	P31350	RRM2	2UW2_A
>ENSF00000000775	5	Q9NNW7	TXNRD2	1W1E_A
>ENSF00000000775	5	Q16881	TXNRD1	1W1C_A
>ENSF00000000775	5	P00390	GSR	1ALG_A
>ENSF00000000624	6	P22897	MRC1	1EGG_A
>ENSF00000002093	2	Q9Y6Y1	CAMTA1	2CXK_A
>ENSF00000000629	5	Q9H227	GBA3	2E9L_A
>ENSF00000000847	4	P49407	ARRB1	2IV8_P
>ENSF00000000847	4	P36575	ARR3	1XEH_A

>ENSF000000001795	2	Q15436	SEC23A	2NUP_A
>ENSF000000000009	4	Q29703	HLA-DRB5	1HQR_B
>ENSF000000000009	4	P01911	HLA-DRB1	1YMM_B
>ENSF000000000156	10	P28702	RXRB	1H9U_A
>ENSF000000000156	10	P48443	RXRG	2GL8_A
>ENSF000000000156	10	P19793	RXRA	1BY4_A
>ENSF000000000156	10	P41235	HNF4A	1PZL_A
>ENSF000000000156	10	Q14541	HNF4G	1LV2_A
>ENSF000000001257	4	O00499	BIN1	1MUZ_A
>ENSF000000001257	4	P49418	AMPH	1KY7_P
>ENSF000000020302	3	P13928	ANXA8	1W3W_A
>ENSF000000020302	3	P13928	ANXA8L2	1W3W_A
>ENSF000000000970	5	P67809	YBX1	1H95_A
>ENSF000000001924	3	Q96JM7	L3MBTL3	1WJQ_A
>ENSF000000001924	3	Q9Y468	L3MBTL	1OYX_A
>ENSF000000000479	6	Q9NZM1	FER1L3	2DMH_A
>ENSF000000002082	2	P17706	PTPN2	1L8K_A
>ENSF000000002082	2	P18031	PTPN1	1A5Y_A
>ENSF000000001001	2	O14786	NRP1	1KEX_A
>ENSF000000000782	3	Q07869	PPARA	1I7G_A
>ENSF000000000782	3	Q03181	PPARD	1GWX_A
>ENSF000000000782	3	P37231	PPARG	1FM6_D
>ENSF000000001524	2	P00751	CFB	1DLE_A
>ENSF000000001524	2	P06681	C2	2I6Q_A
>ENSF000000004612	2	O75629	CREG1	1XHN_A
>ENSF000000000798	6	P22670	RFX1	1DP7_P
>ENSF000000002937	2	P16333	NCK1	2CI8_A
>ENSF000000002937	2	O43639	NCK2	1U5S_A
>ENSF000000000816	6	P63027	VAMP2	1F83_B
>ENSF000000003192	3	Q9HBW1	LRRC4	2DL9_A
>ENSF000000001053	3	O94813	SLIT2	2V70_A
>ENSF000000002586	3	Q14188	TFDP2	1CF7_B
>ENSF000000002586	3	Q14186	TFDP1	2AZE_A
>ENSF000000001304	4	P16035	TIMP2	1BR9_A
>ENSF000000001304	4	P01033	TIMP1	1D2B_A
>ENSF000000007127	2	Q9NZD2	GLTP	1SWX_A

>ENSF00000001797	2	Q14155	ARHGEF7	1BY1_A
>ENSF00000001797	2	Q15052	ARHGEF6	1UJY_A
>ENSF00000003324	2	Q15078	CDK5R1	1H4L_D
>ENSF00000001530	3	Q9NXW2	DNAJB12	2CTP_A
>ENSF00000002148	3	P35568	IRS1	1IRS_A
>ENSF00000001541	4	Q15911	ZFHX3	2DA2_A
>ENSF00000000267	4	P32245	MC4R	2IQP_A
>ENSF00000000792	4	Q02080	MEF2B	1N6J_A
>ENSF00000000792	4	Q02078	MEF2A	1C7U_A
>ENSF00000000335	6	Q02846	GUCY2D	1AWL_A
>ENSF00000002909	4	P10082	PYY	2DEZ_A
>ENSF00000002909	4	P01303	NPY	1QFA_A
>ENSF00000000614	4	P28827	PTPRM	1RPM_A
>ENSF00000000614	4	Q15262	PTPRK	2C7S_A
>ENSF00000000614	4	O14522	PTPRT	2OOQ_A
>ENSF00000000711	4	P26378	ELAVL4	1FXL_A
>ENSF00000003724	2	Q9UIK5	TMEFF2	2FMW_A
>ENSF00000000687	5	O75843	JPH4	2E9G_A
>ENSF00000000687	5	O43747	AP1G1	1IU1_A
>ENSF00000001900	4	O75843	JPH4	2E9G_A
>ENSF00000002691	4	P21359	NF1	1NF1_A
>ENSF00000004538	2	Q9HBU1	BARX1	2DMT_A
>ENSF00000001256	4	Q99653	CHP	2E30_A
>ENSF00000001256	4	P63098	WDR92	1AUI_B
>ENSF00000001256	4	O43745	LOC63928	2BEC_A
>ENSF00000004895	3	P54274	TERF1	1BA5_A
>ENSF00000003653	2	Q9UKG1	APPL1	2ELA_A
>ENSF00000001880	2	Q9Y4X5	ARIH1	1WD2_A
>ENSF00000000831	3	Q13303	KCNAB2	1ZSX_A
>ENSF00000002072	2	Q9ULJ8	PPP1R9A	1WF8_A
>ENSF00000001648	3	Q9UK17	KCND3	1S1G_A
>ENSF00000001010	10	P08519	LPA	1I71_A
>ENSF00000001010	10	P00747	PLG	1B2I_A
>ENSF00000001010	10	P26927	MST1	2ASU_A
>ENSF00000001010	10	P14210	HGF	1BHT_A
>ENSF00000001965	2	Q92830	GCN5L2	1F68_A

>ENSF00000001965	2	Q92831	PCAF	1CM0_A
>ENSF00000001570	4	O75608	LYPLA1	1FJ2_A
>ENSF00000001033	3	P46940	IQGAP1	1X0H_A
>ENSF00000002045	4	Q99828	CIB1	1DGU_A
>ENSF00000000956	3	P51795	CLCN5	2J9L_A
>ENSF00000001732	3	Q9Y4K1	AIM1	2DAD_A
>ENSF00000001609	9	P01034	CST3	1G96_A
>ENSF00000001609	9	P28325	CST5	1RN7_A
>ENSF00000000983	5	Q14896	MYBPC3	1GXE_A
>ENSF00000000983	5	Q14324	MYBPC2	2E7C_A
>ENSF00000000983	5	Q00872	MYBPC1	1X44_A
>ENSF00000001490	5	Q96DU3	SLAMF6	2IF7_A
>ENSF00000001490	5	Q9UIB8	CD84	2PKD_A
>ENSF00000002685	2	Q5JST6	EFHC2	2Z13_A
>ENSF00000001979	2	Q16773	CCBL1	1W7L_A
>ENSF00000001506	3	P16562	CRISP2	2CQ7_A
>ENSF00000000308	4	P09104	ENO2	1TE6_A
>ENSF00000002943	3	P35080	PFN2	1D1J_A
>ENSF00000002943	3	P07737	PFN1	1AWI_A
>ENSF00000001463	3	Q15788	NCOA1	1FM6_B
>ENSF00000001463	3	Q9Y6Q9	NCOA3	1KBH_A
>ENSF00000001463	3	Q15596	NCOA2	1GWQ_C
>ENSF00000002895	3	P40261	NNMT	2IIP_A
>ENSF00000002895	3	O95050	INMT	2A14_A
>ENSF00000002895	3	P11086	PNMT	1HNN_A
>ENSF00000000656	5	O43396	TXNL1	1GH2_A
>ENSF00000000656	5	P10599	TXN	1AIU_A
>ENSF00000001167	4	P29558	RBMS1	1X5O_A
>ENSF00000001167	4	Q15434	RBMS2	1X4E_A
>ENSF00000000363	2	P35558	PCK1	1KHB_A
>ENSF00000002973	2	O43741	PRKAB2	2F15_A
>ENSF00000002104	3	Q9UPQ7	PDZRN3	1UHP_A
>ENSF00000001746	4	Q06323	PSME1	1AVO_A
>ENSF00000001143	6	P18283	GPX2	2HE3_A
>ENSF00000001143	6	P07203	GPX1	2F8A_A
>ENSF00000001143	6	O75715	GPX5	2I3Y_A

>ENSF00000000552	8	O95136	EDG5	1ZTI_A
>ENSF00000000552	8	O95977	EDG6	2DCO_A
>ENSF000000004073	2	O75569	PRKRAP1	2DIX_A
>ENSF000000004073	2	Q15633	TARBP2	2CPN_A
>ENSF000000002716	2	P20132	SDS	1P5J_A
>ENSF000000000875	3	Q86VW2	SLC26A10	2RGN_B
>ENSF000000000875	3	O75962	TRIO	1NTY_A
>ENSF000000001387	4	Q12929	EPS8	2E8M_A
>ENSF000000001387	4	Q8TE67	EPS8L3	1WXT_A
>ENSF000000001387	4	Q9H6S3	EPS8L2	1WWU_A
>ENSF000000004229	2	Q96IU4	ABHD14B	1IMJ_A
>ENSF000000001227	3	Q9NWB1	A2BP1	2ERR_A
>ENSF000000001227	3	O43251	RBM9	2CQ3_A
>ENSF000000001749	2	O14732	IMPA2	2CZH_A
>ENSF000000001749	2	P29218	IMPA1	1AWB_A
>ENSF000000000524	8	P16233	PNLIP	1GPL_A
>ENSF000000000524	8	P54317	PNLIPRP2	2OXE_A
>ENSF000000002246	2	P35914	HMGCL	2CW6_A
>ENSF000000000457	7	P22413	ENPP1	2YS0_A
>ENSF000000001849	5	Q9UM07	PADI4	1WD8_A
>ENSF000000000462	6	Q92879	CUGBP1	2CPZ_A
>ENSF000000000462	6	Q9BZC1	BRUNOL4	2DGP_A
>ENSF000000000462	6	P06865	BRUNOL6	1QBC_A
>ENSF000000000462	6	Q8N6W0	BRUNOL5	2DNH_A
>ENSF000000000462	6	Q5SZQ8	TNRC4	2DNO_A
>ENSF000000001322	4	Q16647	PTGIS	2IAG_A
>ENSF000000001952	2	Q9ULU8	CADPS	1WI1_A
>ENSF000000004855	2	Q9BPZ3	PAIP2	1JGN_B
>ENSF000000005461	2	Q15370	TCEB2	1LM8_B
>ENSF000000000850	3	P05067	APP	1AAP_A
>ENSF000000001717	2	P35222	CTNNB1	1G3J_A
>ENSF000000000749	4	Q13427	PPIG	2GW2_A
>ENSF000000000749	4	P30414	NKTR	2HE9_A
>ENSF000000000437	7	Q02318	CYP27A1	1MFX_A
>ENSF000000001303	3	Q9UPY8	MAPRE3	1WYO_A
>ENSF000000001303	3	Q15691	MAPRE1	1PA7_A

>ENSF00000003529	2	Q16658	FSCN1	1DFC_A
>ENSF00000001598	2	Q8WUM4	PDCD6IP	2OEV_A
>ENSF00000006039	3	O75531	BANF1	1CI4_A
>ENSF00000001807	3	P55199	ELL	2DOA_A
>ENSF00000001807	3	O00472	ELL2	2E5N_A
>ENSF00000001336	3	P38935	IGHMBP2	1MSZ_A
>ENSF00000001336	3	Q92900	UPF1	2GJK_A
>ENSF00000000751	3	P11926	ODC1	1D7K_A
>ENSF00000001119	5	P24534	EEF1B2	1B64_A
>ENSF00000002648	2	O95671	ASMTL	2P5X_A
>ENSF00000001458	3	P03952	KLKB1	2ANW_A
>ENSF00000001458	3	P03951	F11	1XX9_A
>ENSF00000004883	4	O00168	FXVD7	2J1I_A
>ENSF00000002200	6	Q9BZM4	ULBP3	1KCG_C
>ENSF00000003158	3	P61081	UBE2M	1TT5_E
>ENSF00000003158	3	Q969M7	UBE2F	2EDI_A
>ENSF00000000120	5	O75832	PSMD10	1QYM_A
>ENSF00000000120	5	P16157	ANK1	1N11_A
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>ENSF00000000360	6	P02462	COL4A1	1LI1_A
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>ENSF00000000251	8	P07333	CSF1R	2I0V_A
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>ENSF00000000251	8	P16234	PDGFRA	1GQ5_-
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>ENSF00000000251	8	P17948	FLT1	1FLT_X
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>ENSF00000002030	3	O00425	IGF2BP3	2E44_A
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>ENSF00000004383	2	Q10588	BST1	1ISF_A
>ENSF00000004383	2	P28907	CD38	1YH3_A
>ENSF00000001106	2	P31153	MAT2A	2P02_A
>ENSF00000001106	2	Q00266	MAT1A	2OBV_A
>ENSF00000001242	3	A0FGR8	FAM62B	2DMG_A

>ENSF00000001825	2	P78540	ARG2	1PQ3_A
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>ENSF00000000359	7	P36507	MAP2K2	1S9I_A
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>ENSF00000001745	3	O60284	ST18	2CS8_A
>ENSF00000001931	5	Q9UFD9	KIAA1666	2EGE_A
>ENSF00000001931	5	O15034	RIMBP2	1WIE_A
>ENSF00000001679	2	P62995	SFRS10	2CQC_A
>ENSF00000002601	2	P19878	NCF2	1E96_B
>ENSF00000002719	3	O00268	TAF4	1H3O_A
>ENSF00000002481	2	Q9HBL8	NMRAL1	2EXX_A
>ENSF00000002628	4	P42773	CDKN2C	1BU9_A
>ENSF00000002628	4	P55273	CDKN2D	1BD8_A
>ENSF00000002628	4	P42771	CDKN2A	1A5E_A
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>ENSF00000000426	7	P29972	AQP1	1FQY_A
>ENSF00000000114	15	P11509	CYP2A7	1Z10_A
>ENSF00000000114	15	P11712	CYP2C9	1OG2_A
>ENSF00000000114	15	Q16696	CYP2A13	2P85_A
>ENSF00000000114	15	P10632	CYP2C8	1PQ2_A
>ENSF000000007221	3	Q16611	BAK1	1BXL_B
>ENSF00000000383	5	P55210	CASP7	1F1J_A
>ENSF00000000383	5	Q14790	CASP8	1F9E_A
>ENSF00000000383	5	P55212	CASP6	1MI9_A
>ENSF00000000383	5	P42574	CASP3	1CP3_A
>ENSF00000002283	3	Q9Y624	F11R	1NBQ_A
>ENSF00000000155	16	Q14126	DSG2	2YQG_A
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>ENSF00000001237	3	P53041	PPP5C	1A17_A
>ENSF00000000417	5	Q12967	RALGDS	1RAX_A
>ENSF00000001851	3	P13693	TPT1	1YZ1_A
>ENSF00000003450	2	O75367	H2AFY	1U35_C
>ENSF00000000760	6	P22692	IGFBP4	1WQJ_B
>ENSF00000000760	6	P24592	IGFBP6	1RMJ_A
>ENSF00000000760	6	P08833	IGFBP1	1ZT3_A

>ENSF00000000760	6	P18065	IGFBP2	2H7T_A
>ENSF00000000760	6	P24593	IGFBP5	1BOE_A
>ENSF00000000618	4	P27487	DPP4	1J2E_A
>ENSF00000000618	4	Q12884	FAP	1Z68_A
>ENSF00000000618	4	P42658	DPP6	1XFD_A
>ENSF00000001591	3	Q16698	DECR1	1W6U_A
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>ENSF00000000261	5	P04746	AMY2A	1B2Y_A
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>ENSF00000004889	2	P43490	PBEF1	2GVG_A
>ENSF00000000422	6	Q05193	DNM1	1DYN_A
>ENSF00000003896	2	O00512	BCL9	2GL7_C
>ENSF00000003275	2	O75154	RAB11FIP3	2D7C_C
>ENSF00000004644	2	P04234	CD3D	1XIW_B
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>ENSF00000001117	4	Q8WYN0	ATG4A	2FUY_A
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>ENSF00000003461	2	Q9NX07	TRSPAP1	2DHG_A
>ENSF00000003854	2	O94760	DDAH1	2JAI_A
>ENSF00000002547	2	P22415	USF1	1AN4_A
>ENSF00000003348	2	Q9BV86	C9orf32	2EX4_A
>ENSF00000001250	4	O60609	GFRA3	2GH0_A
>ENSF00000000540	8	P08047	SP1	1SP1_A
>ENSF000000011044	2	Q00994	NGFRAP1	1SA6_A
>ENSF00000003327	2	Q9NWW6	C9orf95	2P0E_A
>ENSF00000002053	2	Q86Y82	STX12	2DNX_A
>ENSF00000003481	2	Q9Y692	GMEB1	1OQJ_A
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>ENSF00000007186	2	Q9HD89	RETN	1LV6_A
>ENSF00000002718	2	P49902	NT5C2	2J2C_A
>ENSF00000002523	2	O15344	MID1	2DQ5_A

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>ENSF00000000572	2	Q03164	MLL	2AGH_C
>ENSF00000000076	3	P24928	POLR2A	2GHQ_D
>ENSF00000002300	3	Q9P2J2	IGSF9	1V5J_A
>ENSF00000001342	6	P07738	BPGM	1T8P_A
>ENSF00000001342	6	P18669	PGAM1	1LJD_A
>ENSF00000003763	2	Q6UW63	KDELC1	2DI7_A
>ENSF00000001470	4	Q96AZ6	ISG20	1WLJ_A
>ENSF00000000671	3	O75369	FLNB	2DI8_A
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>ENSF00000000671	3	P21333	FLNA	2AAV_A
>ENSF00000000179	2	P01106	MYC	1A93_A
>ENSF00000001811	2	P42566	EPS15	1C07_A
>ENSF00000002561	2	O75436	VPS26A	2FAU_A
>ENSF00000002567	4	Q16543	CDC37	1US7_B
>ENSF00000001370	3	O14965	AURKA	1MQ4_A
>ENSF00000001365	3	P52907	CAPZA1	1MQ1_C
>ENSF00000001893	2	Q8N2K1	UBE2J2	2F4W_A
>ENSF00000002622	2	Q5VV43	KIAA0319	2E7M_A
>ENSF00000002437	2	Q9H5P4	PDZD7	2EEH_A
>ENSF00000002437	2	Q9P202	DFNB31	1UEZ_A
>ENSF00000000931	3	Q9HCK4	ROBO2	1UEM_A
>ENSF00000003695	2	Q9H3U1	UNC45A	2DBA_A
>ENSF00000001953	16	P25713	MT3	2F5H_A
>ENSF00000001953	16	P02795	MT2A	1MHU_A
>ENSF00000001096	3	P33176	KIF5B	1BG2_A
>ENSF00000001040	3	Q92506	HSD17B8	2PD6_A
>ENSF00000001040	3	Q99714	HSD17B10	1F67_A
>ENSF00000000868	4	P32119	PRDX2	1QMV_A
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>ENSF00000004529	2	Q99496	RNF2	2H0D_B
>ENSF00000001015	3	P26639	TARS	1WWT_A
>ENSF00000000843	2	P11413	G6PD	1QKI_A
>ENSF00000001265	5	P28676	GCA	1F4O_A
>ENSF00000001265	5	P30626	SRI	1JUO_A

>ENSF00000001397	2	Q06124	PTPN11	2SHP_A
>ENSF00000001397	2	P29350	PTPN6	1FPR_A
>ENSF00000002666	2	Q06330	RBPJ	2F8X_C
>ENSF00000001247	2	Q13285	NR5A1	1YOW_A
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>ENSF00000000591	4	Q99259	GAD1	2OKJ_A
>ENSF00000000591	4	Q05329	GAD2	1ES0_B
>ENSF00000003543	2	P12645	BMP3	2QCQ_A
>ENSF00000000389	5	P52789	HK2	2NZT_A
>ENSF00000000389	5	P35557	GCK	1GLK_A
>ENSF00000000389	5	P19367	HK1	1CZA_N
>ENSF00000001302	3	Q9UKW4	VAV3	2D86_A
>ENSF00000001302	3	P15498	VAV1	2CRH_A
>ENSF00000001302	3	P52735	VAV2	2DLZ_A
>ENSF00000002771	3	Q99469	STAC	2DL4_A
>ENSF00000002771	3	Q96MF2	STAC3	2DB6_A
>ENSF00000004623	2	Q8WV99	ZFAND2B	1X4V_A
>ENSF00000001676	2	P68400	CSNK2A1P	1JWH_A
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>ENSF00000000959	3	Q08209	PPP3CA	1AUI_A
>ENSF00000002618	2	Q9UMY4	SNX12	2CSK_A
>ENSF00000003633	2	Q14849	STARD3	1EM2_A
>ENSF00000002647	2	Q9NQL2	RRAGD	2Q3F_A
>ENSF00000001666	2	Q15910	EZH2	2C6V_A
>ENSF00000001820	2	O60315	ZEB2	2DA7_A
>ENSF00000001820	2	P37275	ZEB1	2E19_A
>ENSF00000001004	3	P23526	AHCY	1A7A_A
>ENSF00000001580	2	Q9Y490	TLN1	1SYQ_B
>ENSF00000002781	2	O43586	PSTPIP1	2DIL_A
>ENSF00000001245	2	Q13976	PRKG1	1ZXA_A
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>ENSF00000000865	4	Q15399	TLR1	1FYV_A
>ENSF00000000865	4	O60603	TLR2	1FYW_A
>ENSF00000007451	2	O94992	HEXIM1	2GD7_A
>ENSF00000003392	2	P15927	RPA2	1DPU_A
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>ENSF00000001347	2	P14735	IDE	2G47_A
>ENSF00000001748	3	P63208	SKP1A	1FQV_B
>ENSF00000003873	3	P18510	IL1RN	1ILR_1
>ENSF00000001473	2	P35354	PTGS2	1V0X_A
>ENSF00000002026	2	Q96GD0	SH3BP1	2CFR_A
>ENSF00000000413	6	P04629	NTRK1	1HE7_A
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>ENSF00000000641	2	P10619	CTSA	1IVY_A
>ENSF00000002772	4	Q8WVN8	UBE2Q2	1ZUO_A
>ENSF00000002754	2	Q9H0Z9	RBM38	2CQD_A
>ENSF00000005750	2	P05452	CLEC3B	1HTN_A
>ENSF00000004852	2	Q9UIY3	RWDD2A	2DAW_A
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>ENSF00000002912	2	Q9H0P0	NT5C3	2CN1_A
>ENSF00000000523	6	P11766	ADH5	1M6H_A
>ENSF00000000523	6	P07327	ADH1A	1HSO_A
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>ENSF00000000523	6	P40394	ADH7	1AGN_A
>ENSF00000001498	3	P27986	PIK3R1	1A0N_A
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>ENSF00000002798	2	O14776	TCERG1	2DK7_A
>ENSF00000000535	5	P08684	CYP3A4	1TQN_A
>ENSF00000006473	2	Q9ULZ3	PYCARD	1UCP_A
>ENSF00000006473	2	Q8WXC3	PYDC1	2HM2_Q
>ENSF00000004728	2	P51580	TPMT	2BZG_A
>ENSF00000000109	15	P16662	UGT2B7	2O6L_A
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>ENSF00000002852	6	P98161	PKD1	1B4R_A
>ENSF00000001790	2	Q15084	PDIA6	1X5D_A
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>ENSF00000000872	3	P30084	ECHS1	2HW5_A
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>ENSF00000003944	3	O95365	ZBTB7A	2IF5_A
>ENSF00000000313	13	P06734	FCER2	1HLI_A
>ENSF00000000313	13	Q9NNX6	CD209	1K9I_A
>ENSF00000000313	13	Q9H2X3	CLEC4M	1K9J_A
>ENSF00000000313	13	P07306	ASGR1	1DV8_A
>ENSF00000003704	3	Q9P104	DOK5	1J0W_A
>ENSF00000002016	3	Q969Q1	TRIM63	2D8U_A
>ENSF00000002897	2	O15105	SMAD7	2DJY_B
>ENSF00000003225	2	P11245	NAT2	2PFR_A
>ENSF00000003225	2	P18440	NAT1	2DSS_@
>ENSF00000002292	4	Q5T4W7	ARTN	2ASK_A
>ENSF00000000912	4	P53671	LIMK2	1X6A_A
>ENSF00000003044	2	Q9HB21	PLEKHA1	1EAZ_A
>ENSF00000001083	8	Q12923	PTPN13	1D5G_A
>ENSF00000003988	2	P53999	SUB1	1PCF_A
>ENSF00000001244	2	Q14289	PTK2B	2FO6_X
>ENSF00000001244	2	Q05397	PTK2	1K04_A
>ENSF00000002917	2	Q9UIV1	CNOT7	2D5R_A
>ENSF00000001306	3	Q06455	RUNX1T1	1WQ6_A
>ENSF00000003445	2	P55008	AIF1	2D58_A
>ENSF00000001956	4	P13598	ICAM2	1ZXQ_A
>ENSF00000001956	4	P05362	ICAM1	1D3E_I
>ENSF00000001956	4	P32942	ICAM3	1T0P_B
>ENSF00000002335	7	P08236	GUSB	1BHG_A
>ENSF00000004568	2	P07902	IL11RA	1R3A_A
>ENSF00000002797	3	O76054	SEC14L2	1O6U_A
>ENSF00000001091	4	P20849	COL9A1	2UUR_A
>ENSF00000000692	6	Q9Y5S1	TRPV2	2F37_A
>ENSF00000001976	5	P05451	REGL	1LIT_A

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>ENSF00000004904	2	Q9ULZ2	BRDG1	1X1F_A
>ENSF00000001917	2	P08559	PDHA1	1NI4_A
>ENSF00000004228	2	Q9HCJ3	RAVER2	1WG1_A
>ENSF00000000731	7	P18054	ALOX12	2ABU_A
>ENSF00000000731	7	P09917	ALOX5	2ABV_A
>ENSF00000000731	7	P16050	ALOX15	2ABT_A
>ENSF00000001271	3	P54750	PDE1A	1LXQ_A
>ENSF00000001271	3	Q01064	PDE1B	1LXR_A
>ENSF00000001271	3	Q14123	PDE1C	1LXS_A
>ENSF00000001029	4	P51460	INSL3	2H8B_A
>ENSF00000001029	4	O60674	JAK2	2B7A_A
>ENSF00000008632	2	P17096	HMGA1	2EZD_A
>ENSF00000001335	4	P35221	CTNNA1	1H6G_A
>ENSF00000001090	4	Q9UIJ7	AK3	1ZD8_A
>ENSF00000001090	4	P27144	AK3L2	2AR7_A
>ENSF00000001090	4	P54819	AK2	2C9Y_A
>ENSF00000001039	4	P60033	CD81	1G8Q_A
>ENSF00000003432	2	Q5VUG0	SFMBT2	1WJR_A
>ENSF00000000452	7	P42224	STAT1	1BF5_A
>ENSF00000000452	7	P42226	STAT6	1OJ5_B
>ENSF00000001442	3	Q0JRZ9	FCHO2	2V0O_A
>ENSF00000002804	3	P27169	PON1	1V04_A
>ENSF00000000632	4	Q9UKM7	MAN1B1	1FMI_A
>ENSF00000001972	2	Q16849	PTPRN	2I1Y_A
>ENSF00000000986	3	P54619	PRKAG1	2UV4_A
>ENSF00000002469	3	Q63HK5	TSHZ3	2DMI_A
>ENSF00000005220	2	Q96PD4	IL17F	1JPY_A
>ENSF00000001415	2	Q02297	NRG1	1HAE_A
>ENSF00000001737	2	Q13596	SNX1	2I4K_A
>ENSF00000002363	2	O75460	ERN1	2HZ6_A
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>ENSF00000008440	2	P30046	DDT	1DPT_A
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>ENSF00000002367	3	P78356	PIP4K2B	1BO1_A
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>ENSF00000002122	2	P53582	METAP1	2B3H_A
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>ENSF00000000292	9	P28482	MAPK1	1PME_A
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>ENSF00000004793	2	Q96L94	SNX22	2ETT_A
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>ENSF00000007487	2	Q9H074	LOC645139	1JH4_B
>ENSF00000003557	2	Q9NPD3	EXOSC4	2NN6_B
>ENSF00000003557	2	Q5RKV6	EXOSC6	2NN6_F
>ENSF00000001374	4	Q96JY6	PDLIM2	2PA1_A
>ENSF00000001374	4	P50479	PDLIM4	2EEG_A
>ENSF00000001374	4	O00151	PDLIM1	1X62_A
>ENSF00000002494	3	O14508	SOCS2	2C9W_A
>ENSF00000001810	2	Q01518	CAP1	1K8F_A
>ENSF00000001179	2	P10828	THRB	1BSX_A
>ENSF00000001179	2	P10827	THRA	1NAV_A
>ENSF00000002905	2	Q96JH8	FLJ10324	1UM1_A
>ENSF00000002276	3	P14324	FDPS	1YQ7_A
>ENSF00000002313	2	Q92859	NEO1	1X5F_A
>ENSF00000002411	3	O14492	SH2B2	1Q2H_A
>ENSF00000006405	2	Q9UBQ5	EIF3K	1RZ4_A
>ENSF00000003320	3	P49773	HINT1	1AV5_A
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>ENSF00000000946	6	Q5JSP0	FGD3	2COC_A
>ENSF00000003535	3	Q9NSY2	STARD5	2R55_A

>ENSF00000000613	4	Q9UL18	EIF2C1	1SI2_A
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>ENSF00000000665	4	P25440	BRD2	1X0J_A
>ENSF00000000665	4	Q15059	BRD3	2E7N_A
>ENSF00000004622	2	Q9H4P4	RNF41	2FZP_A
>ENSF00000001363	4	P06748	LOC440577	2P1B_A
>ENSF00000001755	4	Q07108	CD69	1E87_A
>ENSF00000002944	2	P04053	DNTT	2COE_A
>ENSF00000002944	2	Q9NP87	POLM	2DUN_A
>ENSF00000003171	2	P46109	CRKL	2BZX_A
>ENSF00000003171	2	P46108	CRK	1JU5_A
>ENSF00000002623	2	Q9H6Z4	RANBP3	2CRF_A
>ENSF00000000777	5	Q96J92	WNK4	2V3S_C
>ENSF00000003624	2	P83876	TXNL4A	1PQN_A
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>ENSF00000001149	4	Q8WXI2	CNKSR2	2EAN_A
>ENSF00000001149	4	Q969H4	CNKSR1	1WWV_A
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>ENSF00000000439	6	Q08493	PDE4C	1LXU_A
>ENSF00000000439	6	Q08499	PDE4D	1E9K_A
>ENSF00000000439	6	Q13946	PDE7A	1ZKL_A
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>ENSF00000003546	2	P41212	ETV6	1JI7_A
>ENSF00000001939	2	Q9Y295	DRG1	2EKI_A
>ENSF00000001046	3	P15923	TCF3	1HLH_A
>ENSF00000000586	3	Q16512	PKN1	1CXZ_B
>ENSF00000003732	3	Q13888	GTF2H2	1Z60_A
>ENSF00000002720	3	Q9NPB6	PARD6A	1WMH_B
>ENSF00000000743	4	P55036	PSMD4	1P9C_A
>ENSF00000000652	3	P05062	ALDOB	1QO5_A
>ENSF00000000652	3	P09972	ALDOC	1XFB_A
>ENSF00000000652	3	P04075	ALDOA	1ALD_A
>ENSF00000001990	2	Q8NEZ4	LOC642678	2YSM_A
>ENSF00000002008	2	Q92973	TNPO1	1QBK_B
>ENSF00000005473	2	P50224	GIYD1	1CJM_A
>ENSF00000005473	2	P50224	GIYD1	1CJM_A

>ENSF00000004043	2	P09661	SNRPA1	1A9N_A
>ENSF00000002236	2	P24864	CCNE1	1W98_B
>ENSF00000001305	3	Q96GD0	SH3BP1	2CFR_A
>ENSF00000003861	2	Q93062	RBPM5	1BNY_A
>ENSF00000003952	2	Q96T88	UHRF1	2FAZ_A
>ENSF00000003952	2	Q96PU4	UHRF2	1WY8_A
>ENSF00000002195	3	Q9NR31	LOC646260	2GAO_A
>ENSF00000001638	2	Q9UBU8	MORF4	2AQL_A
>ENSF00000002303	2	P09486	SPARC	1BMO_A
>ENSF00000001514	2	O15151	MDM4	2CR8_A
>ENSF00000001514	2	Q00987	MDM2	1RV1_A
>ENSF00000003034	3	Q9Y239	NOD1	2B1W_A
>ENSF00000002278	3	Q9NZ01	GPSN2	2DZJ_A
>ENSF00000000507	5	P63010	AP2B1	1E42_A
>ENSF00000001942	2	Q16222	UAP1	1JV1_A
>ENSF00000003272	2	P52594	HRB	2D9L_A
>ENSF00000001657	3	P02768	ALB	1AO6_A
>ENSF00000006551	2	Q14019	COTL1	1T2L_A
>ENSF00000001639	3	Q99697	PITX2	1YZ8_P
>ENSF00000007273	2	P35754	GLRX	1B4Q_A
>ENSF00000002605	2	O95405	ZFYVE9	1DEV_B
>ENSF00000003147	4	O95154	AKR7A3	2CLP_A
>ENSF00000003147	4	O43488	AKR7A2	2BP1_A
>ENSF00000000395	5	P43246	MSH2	2O8B_A
>ENSF00000000395	5	P52701	MSH6	2GFU_A
>ENSF00000004779	2	Q15185	PTGES3	1EJF_A
>ENSF00000001280	5	P55795	HNRPH2	1WEZ_A
>ENSF00000001280	5	P52597	HNRPF	2HGL_A
>ENSF00000002471	2	P33240	CSTF2	1P1T_A
>ENSF00000004237	2	P22105	TNXB	2CUH_A
>ENSF00000002819	4	Q9P126	CLEC1B	2C6U_A
>ENSF00000000949	4	Q96SI9	STRBP	2DMY_A
>ENSF00000001554	2	O14529	CUTL2	1WH6_A
>ENSF00000001567	2	Q96ST3	SIN3A	1PO4_B
>ENSF00000001476	2	Q8TEU7	RAPGEF6	2D93_A
>ENSF00000003166	2	Q8TEU7	RAPGEF6	2D93_A

>ENSF00000003182	2	O14867	BACH1	2IHC_A
>ENSF00000002304	2	Q9UGP5	POLL	1NZP_A
>ENSF00000002304	2	P06746	POLB	1BPX_A
>ENSF00000000522	4	Q92823	NRCAM	1UEN_A
>ENSF00000003365	2	O43617	TRAPPC3	1SZ7_A
>ENSF00000002087	3	P17213	BPI	1BP1_A
>ENSF00000000855	6	P32455	GBP1	1DG3_A
>ENSF00000003032	3	P78380	OLR1	1YPO_A
>ENSF00000001394	3	O14994	SYN3	2P0A_A
>ENSF00000001141	5	Q7Z3K3	POGZ	2E72_A
>ENSF00000000980	9	Q9H0R8	GABARAPL3	2R2Q_A
>ENSF00000000980	9	O95166	GABARAP	1GNU_A
>ENSF00000000980	9	Q9GZQ8	MAP1LC3B	1V49_A
>ENSF00000002372	3	Q9Y6X8	ZHX2	2DMP_A
>ENSF00000002372	3	Q9UKY1	ZHX1	2ECB_A
>ENSF00000002372	3	Q9H4I2	ZHX3	2DA5_A
>ENSF00000001946	2	P11387	TOP1	1A31_A
>ENSF00000001007	3	P36969	GPX4	2GS3_A
>ENSF00000001007	3	Q96SL4	GPX7	2P31_A
>ENSF00000000985	5	P15813	CD1D	1ZT4_A
>ENSF00000000985	5	P06126	CD1A	1ONQ_A
>ENSF00000000985	5	P29016	CD1B	1GZP_A
>ENSF00000001204	2	P07332	FES	1WQU_A
>ENSF00000001400	2	P12268	IMPDH2	1B3O_A
>ENSF00000001400	2	P20839	IMPDH1	1JCN_A
>ENSF00000000863	5	P53350	PLK1	1Q4K_A
>ENSF00000001356	2	P52272	HNRPM	2DGV_A
>ENSF00000000330	6	P23141	CES1	1MX1_A
>ENSF00000001705	2	P30622	CLIP1	2CP5_A
>ENSF00000001705	2	Q9UDT6	CLIP2	2CP2_A
>ENSF00000005634	2	P02778	CXCL10	1LV9_A
>ENSF00000003184	2	Q96ME7	ZNF512	2CTD_A
>ENSF00000003184	2	Q96KM6	ZNF512B	2GQJ_A
>ENSF00000001881	2	Q16832	DDR2	2Z4F_A
>ENSF00000000866	2	P07814	EPRS	1FYJ_A
>ENSF00000001199	2	P10636	MAPT	1I8H_A

>ENSF00000001193	2	P07686	HEXB	1NOU_A
>ENSF00000001193	2	P06865	BRUNOL6	1QBC_A
>ENSF00000002460	2	P09601	HMOX1	1N3U_A
>ENSF00000002460	2	P30519	HMOX2	2Q32_A
>ENSF00000001293	2	Q12904	SCYE1	1E7Z_A
>ENSF00000001293	2	P54577	YARS	1N3L_A
>ENSF00000002790	2	Q5T0T0	#####	2D8S_A
>ENSF00000001919	3	Q9BYX2	TBC1D2	2DHK_A
>ENSF00000000553	3	Q96SB4	SRPK1	1WAK_A
>ENSF00000001818	2	Q9NRG1	PRTFDC1	2JBH_A
>ENSF00000001818	2	P00492	HPRT1	1BZY_A
>ENSF00000001401	3	P15848	ARSB	1FSU_A
>ENSF00000002088	2	P05162	LGALS2	1HLC_A
>ENSF00000002088	2	P09382	LGALS1	1GZW_A
>ENSF00000000773	4	O60307	MAST3	1V9V_A
>ENSF00000001859	3	O95057	DIRAS1	2GF0_A
>ENSF00000000926	2	P01343	IGF1	1B9G_A
>ENSF00000000926	2	P01344	IGF2	1GF2_A
>ENSF00000000366	6	P14555	PLA2G2A	1AYP_A
>ENSF00000000366	6	P39877	PLA2G5	2GHN_A
>ENSF00000002142	2	O15530	PDPK1	1H1W_A
>ENSF00000001868	2	O95340	PAPSS2	2AX4_A
>ENSF00000001868	2	O43252	PAPSS1	1X6V_A
>ENSF00000001975	4	Q9H0J9	PARP12	2PQF_A
>ENSF00000000634	5	Q13241	KLRD1	1B6E_A
>ENSF00000000634	5	P26718	KLRC4	1HYR_A
>ENSF00000003117	2	P19883	FST	2B0U_C
>ENSF00000003580	2	Q8NHQ8	RASSF8	2CS4_A
>ENSF00000001791	3	P16444	DPEP1	1ITQ_A
>ENSF00000002658	2	P25054	APC	1DEB_A
>ENSF00000004763	2	Q15369	TCEB1	1LM8_C
>ENSF00000004458	2	Q13569	TDG	1WYW_A
>ENSF00000003026	2	Q15011	HERPUD1	1WGD_A
>ENSF00000005338	2	Q9UMR5	EGFL8	1PJA_A
>ENSF00000000621	4	P00533	EGFR	1DNQ_A
>ENSF00000000621	4	P21860	ERBB3	1M6B_A

>ENSF00000000621	4	P04626	ERBB2	1N8Z_C
>ENSF00000000621	4	Q15303	ERBB4	2AHX_A
>ENSF00000001863	2	O60658	PDE8A	1LHQ_A
>ENSF00000001645	3	Q8WX93	PALLD	2DM2_A
>ENSF00000001041	9	P10145	IL8	1ICW_A
>ENSF00000001041	9	P09341	CXCL1	1MGS_A
>ENSF00000001041	9	P02776	PF4	1DN3_A
>ENSF00000001041	9	P02775	PPBP	1F9P_A
>ENSF00000001041	9	P19875	CXCL2	1QNK_A
>ENSF00000000593	4	P27797	CALR	2CLR_C
>ENSF00000003706	2	Q93088	BHMT	1LT7_A
>ENSF00000000441	5	P01024	C3	1C3D_A
>ENSF00000000441	5	P01031	C5	1CFA_A
>ENSF00000000441	5	P0C0L4	C4A	1HZF_A
>ENSF00000001902	3	P28324	ELK4	1BC7_C
>ENSF00000001902	3	P19419	ELK1	1DUX_C
>ENSF00000002151	4	P41218	MNDA	2DBG_A
>ENSF00000002151	4	Q16666	IFI16	2OQ0_A
>ENSF00000002043	2	P54725	RAD23A	1DV0_A
>ENSF00000002043	2	P54727	RAD23B	1P1A_A
>ENSF00000004515	2	P61326	MAGOH	1P27_A
>ENSF00000002057	2	P21675	TAF1	1EQF_A
>ENSF00000001066	2	P14618	PKM2	1T5A_A
>ENSF00000001066	2	P30613	PKLR	1LIU_A
>ENSF00000001368	3	Q99963	SH3GL3	2EW3_A
>ENSF00000001368	3	Q99962	SH3GL2	1X03_A
>ENSF00000003598	2	P49711	CTCF	1X6H_A
>ENSF00000001422	2	Q71RC2	LARP4	2CQK_A
>ENSF00000002405	3	Q13838	BAT1	1T5I_A
>ENSF00000002064	2	O14497	ARID1A	1RYU_A
>ENSF00000002064	2	Q8NFD5	ARID1B	2CXY_A
>ENSF00000001340	5	P09210	GSTA2	1AGS_A
>ENSF00000001340	5	P08263	GSTA1	1GSD_A
>ENSF00000001340	5	Q16772	GSTA3	1TDI_A
>ENSF00000001340	5	O15217	GSTA4	1GUL_A
>ENSF00000001432	2	P46100	ATRX	2JM1_A

>ENSF00000002741	2	P14902	INDO	2D0T_A
>ENSF00000003205	3	Q96P11	NSUN5	2B9E_A
>ENSF00000001203	3	Q15642	TRIP10	2CT4_A
>ENSF00000001203	3	Q96RU3	FNBP1	2EFL_A
>ENSF000000012969	3	P78358	CTAG1A	2BNR_C
>ENSF000000012969	3	P78358	CTAG1A	2BNR_C
>ENSF000000012969	3	O75638	CTAG2	2BNQ_C
>ENSF00000001194	2	O75874	IDH1	1T09_A
>ENSF00000000708	2	P21695	GPD1	1WPQ_A
>ENSF00000000708	2	Q8N335	GPD1L	2PLA_A
>ENSF00000000993	7	P08603	CFH	1FHC_A
>ENSF00000003780	2	Q96DZ5	CLIP3	2CP0_A
>ENSF00000001228	2	P14920	DAO	2DU8_A
>ENSF00000005213	2	Q16637	SMN1	1G5V_A
>ENSF00000004518	2	Q13526	PIN1	1F8A_B
>ENSF00000002020	4	Q16853	AOC3	1PU4_A
>ENSF00000004030	2	Q9NP97	DYNLRB1	1Z09_A
>ENSF00000001495	2	Q15819	UBE2V2	1J74_A
>ENSF00000001495	2	Q13404	Kua-UEV	2A4D_A
>ENSF00000000791	4	P67775	PPP2CA	2IAE_C
>ENSF00000003491	2	Q9Y294	ASF1A	1TEY_A
>ENSF00000003417	2	Q8WU20	FRS2	1XR0_B
>ENSF00000003053	2	Q9Y3D8	TAF9	1RKB_A
>ENSF00000000774	4	Q9BZX2	UCK2	1UDW_A
>ENSF00000000774	4	Q9HA47	UCK1	2JEO_A
>ENSF00000002183	2	Q15542	TAF5	2NXP_A
>ENSF00000003390	2	Q92585	MAML1	2F8X_M
>ENSF00000007851	2	Q9BQ50	TREX2	1Y97_A
>ENSF00000001821	2	P21399	ACO1	2B3X_A
>ENSF00000001122	3	Q8IXJ6	SIRT2	1J8F_A
>ENSF00000001454	3	P14061	HSD17B1	1A27_A
>ENSF00000004808	2	O15496	PLA2G10	1LE6_A
>ENSF00000000057	3	P04406	GAPDH	1U8F_O
>ENSF00000001841	2	P02743	APCS	1GYK_A
>ENSF00000001841	2	P02741	CRP	1B09_A
>ENSF00000003931	3	Q13541	EIF4EBP1	1WKW_B

>ENSF00000002165	2	P12081	HARS	1X59_A
>ENSF00000002046	2	P19174	PLCG1	1HSQ_A
>ENSF00000002916	2	P23588	EIF4B	1WI8_A
>ENSF00000001955	4	P23497	SP100	1H5P_A
>ENSF00000002173	2	Q9Y3R0	GRIP1	2JIL_A
>ENSF00000002173	2	Q9C0E4	GRIP2	1V62_A
>ENSF00000006072	2	Q9UHD0	IL19	1N1F_A
>ENSF00000001258	4	P29353	SHC1	1MIL_A
>ENSF00000002105	2	P20393	NR1D1	1A6Y_A
>ENSF00000002105	2	Q14995	NR1D2	2V7C_A
>ENSF00000005655	2	Q96S90	LYSMD1	2DJP_A
>ENSF00000001802	2	Q8IYB5	SMAP1	2CRR_A
>ENSF00000001802	2	Q8WU79	SMAP1L	2IQJ_A
>ENSF00000002240	2	P08686	CYP21A2	2GEG_C
>ENSF00000001330	3	Q01658	DR1	1JFI_B
>ENSF00000001330	3	P25208	NFYB	1N1J_A
>ENSF00000003280	2	Q6NXG1	RBM35A	2DHA_A
>ENSF00000002584	2	Q86VP6	CAND1	1U6G_C
>ENSF00000000581	3	P04000	OPN1LW	1KPX_A
>ENSF00000000581	3	P04001	OPN1MW	1KPW_A
>ENSF00000000581	3	P04001	OPN1MW2	1KPW_A
>ENSF00000002202	2	O60281	ZNF292	1X3C_A
>ENSF00000002501	2	Q8TEY7	USP33	2UZG_A
>ENSF00000002793	2	Q8NBJ7	SUMF2	1Y4J_A
>ENSF00000002793	2	Q8NBK3	SUMF1	1Y1E_X
>ENSF00000009303	3	O95944	NCR2	1HKF_A
>ENSF00000005640	3	P02724	GYPA	1AFO_A
>ENSF00000002600	2	Q9BXS1	IDI2	2PNY_A
>ENSF00000002600	2	Q13907	IDI1	2DHO_A
>ENSF00000002894	2	O00401	WASL	2FF3_C
>ENSF00000002894	2	P42768	WAS	1CEE_B
>ENSF00000002243	2	Q01581	HMGCS1	2P8U_A
>ENSF00000001855	2	Q13838	BAT1	1T5I_A
>ENSF00000001504	2	P54646	PRKAA2	2H6D_A
>ENSF00000002157	2	P02675	FGB	1FZA_B
>ENSF00000002157	2	P02679	FGG	1DUG_A

>ENSF00000002525	2	P15559	NQO1	1D4A_A
>ENSF00000002525	2	P16083	NQO2	1QR2_A
>ENSF00000001266	2	P34897	SHMT2	2A7V_A
>ENSF00000001266	2	P34896	SHMT1	1BJ4_A
>ENSF00000002197	2	P40189	IL6ST	1BJ8_A
>ENSF00000001641	4	Q4G0P3	HYDIN	2E6J_A
>ENSF00000002585	2	P28749	RBL1	1H28_E
>ENSF00000004609	2	P04062	GBA	1OGS_A
>ENSF00000011046	2	Q92837	FRAT1	1GNG_X

B. *A. thaliana*

Family name	Family size	Swiss prot ID	ORF	PDB ID	Chain length
Calcium Dependent Protein Kinase	34	Q06850	At5g04870	2AAO_A	166
SBP-box family of putative plant transcription factors	16	Q9S7A9	At1g53160	1UL4_A	81
SBP-box family of putative plant transcription factors	16	Q9S7P5	At3g60030	1WJ0_A	58
SBP-box family of putative plant transcription factors	16	Q8S9G8	At5g18830	1UL5_A	86
AtStrIII	4	Q8GY31	At5g03455	1T3K_A	132
AtStrVI	5	Q39129	At5g66040	1TQ1_A	119
AtStrII	2	Q9M158	At4g01050	1VEE_A	121
PP2C-type phosphatases	6	P46014	At5g19280	1MZK_A	134
Profilin	5	Q42449	At2g19760	1A0K_A	131
Cellulose Synthase; AtCesA	10	Q9SWW6	At5g17420	1WEO_A	80
WRKY Transcription Factor; Group I	16	Q9XI90	At1g13960	1WJ2_A	71
WRKY Transcription Factor; Group I	16	Q9SI37	At2g04880	2AYD_A	76
Plant U-box protein (PUB) Class II	30	Q8VZ40	At3g54850	1T1H_A	73
Cyclic nucleotide gated channel family	20	O82226	At2g23980	1WGP_A	124
Putative ethylene receptor; ERS2 family	5	P49333	At1g66340	1DCF_A	136
Putative tropinone reductase	8	Q9ASX2	At1g07440	1XQ1_A	266

family					
Chlorophyll a/b-binding protein family	17	Q9SY97	At1g61520	2O01_3	165
Chlorophyll a/b-binding protein family	17	Q01667	At3g54890	2O01_1	187
AtCIPKs	25	Q9LDI3	At5g35410	2EHB_D	143
AtCBLs (Calcineurin B-like Calcium Sensor Proteins)	10	O81223	At5g24270	1V1F_A	222
AtCBLs (Calcineurin B-like Calcium Sensor Proteins)	10	Q8LAS7	At5g55990	1UHN_A	189
EF-hand containing proteins:Group II	47	Q7G188	At4g26700	1PXY_A	501
EF-hand containing proteins:Group IV	54	Q9SRP5	At3g03410	1TIZ_A	66
Class III peroxidase	73	Q42578	At5g06720	1PA2_A	305
Class III peroxidase	73	Q39034	At5g19890	1QGJ_B	300
CAD (Cinnamyl alcohol dehydrogenase)	9	O49482	At4g34230	2CF5_A	357
basic region leucine zipper (bZIP) Transcription Factor	75	O24646	At5g11260	2OQQ_A	40
Phi family	13	P46422	At4g02520	1BX9_A	211
Zeta family	2	Q9ZVQ3	At2g02390	1E6B_A	221
Ketoacyl-CoA thiolase	3	Q56WD9	At2g33150	2C7Y_B	404
Acyl-CoA Oxidase	6	Q96329	At3g51840	2IX5_D	436
Acyl-CoA Oxidase	6	O65202	At4g16760	1W07_A	659
Oxo-Phytodienoic Acid Reductase (OPR)	5	Q8LAH7	At1g76680	1VJI_A	372
Oxo-Phytodienoic Acid Reductase (OPR)	5	Q9FUP0	At2g06050	1Q45_A	391
Allene Oxide Cyclase	4	Q9LS03	At3g25760	1ZVC_A	188
Allene Oxide Cyclase	4	Q9LS02	At3g25770	1Z8K_A	192
Mitochondrial Ketoacyl-ACP Synthase	1	Q8L3X9	At2g04540	1W0I_B	431
Sulfolipid Biosynthesis Protein	1	O48917	At4g33030	1QRR_A	394
Response Regulator: B- Type	12	O49397	At4g31920	1IRZ_A	64
Glycosyltransferase- Family 1	82	Q9M156	At4g01070	2VCH_A	480
ZHD subfamily	14	Q9SB61	At4g24660	1WH7_A	67
ZHD subfamily	14	Q9FKP8	At5g65410	1WH5_A	67
Alfin-like Transcription Factor Family	7	O81488	At5g26210	1WE9_A	51

AP2-EREBP Transcription Factor Family	136	O80337	At4g17500	2GCC_A	70
EIL Transcription Factor Family	6	O23116	At1g73730	1WIJ_A	127
NAC Transcription Factor Family	94	Q9C932	At1g52890	1UT4_A	168
RAV Transcription Factor Family	11	Q9ZWM9	At1g13260	1WID_A	117

C. C. elegans

Ensembl ID	Family size	Swiss prot ID	ORF	PDB ID	Chain length
>ENSF00000000175	9	P52013	F31C3.1	1H0P_A	182
>ENSF00000000175	9	P52011	Y75B12B.5	1DYW_A	173
>ENSF00000000129	19	O16305	T21H3.3	1OOJ_A	149
>ENSF00000000885	3	P34477	F58A4.10	1PZV_A	164
>ENSF00000000735	2	O01479	C06A5.7	1PGV_A	196
>ENSF00000007563	23	O01829	C55C2.2	1ROW_A	109
>ENSF00000007563	23	Q23246	ZC168.6	1M1S_A	107
>ENSF00000004011	42	P53017	Y59E9AR.1	1GRW_A	127
>ENSF00000001177	36	Q09596	R03D7.6	1ZL9_A	207
>ENSF00000000149	6	P52478	C35B1.1	1Q34_A	163
>ENSF00000000017	9	P10983	T04C12.6	1D4X_A	375
>ENSF00000018629	2	P34707	T19E7.2	1SKN_P	84
>ENSF00000002961	2	Q11176	C04F6.4	1NR0_A	611

D. D. melanogaster

Ensembl ID	Family size	Swiss prot ID	ORF	PDB ID	Chain length
>ENSF00000002249	2	Q24117	CG6998	1RHW_A	89
>ENSF00000000052	11	P07207	CG3936	1OT8_A	238
>ENSF00000000180	4	Q9Y0H4	CG4244	1TK7_A	81
>ENSF00000000180	4	Q9VVI3	CG7555	2EZ5_W	41
>ENSF00000000129	21	P62152	CG8472	1MXE_A	149
>ENSF00000001268	5	P05205	CG8409	1KNA_A	60

>ENSF00000000061	25	P02299	CG33866	1KNA_P	16
>ENSF00000003800	5	Q9VF36	CG18505	1URR_A	102
>ENSF00000000156	7	P20153	CG4380	1HG4_A	279
>ENSF00000000564	5	O02193	CG3025	2BUD_A	88
>ENSF00000001332	6	Q10714	CG8827	1J36_A	602
>ENSF00000000768	8	Q24451	CG18802	1PS3_A	1045
>ENSF00000000281	6	P00334	CG3481	1MG5_A	256
>ENSF00000000656	5	Q9V429	CG31884	1XW9_A	98
>ENSF00000007512	13	O97148	CG6936	1FJR_A	195
>ENSF00000000846	3	P06601	CG6716	1PDN_C	128
>ENSF00000000670	2	P09052	CG3506	2DB3_A	424
>ENSF00000000294	16	Q9V3D4	CG4475	1JND_A	420
>ENSF00000001248	4	Q8MQJ9	CG10719	1Q7F_A	282
>ENSF00000000017	9	P10987	CG4027	1N58_A	376
>ENSF00000000383	6	Q9XYF4	CG8091	2FP3_A	315
>ENSF00000000897	13	Q9GNK5	CG4432	1Z6I_A	166
>ENSF00000000897	13	Q8SXQ7	CG4437	2F2L_A	111
>ENSF00000000897	13	Q8INK6	CG14704	1OHT_A	215
>ENSF00000000897	13	Q9VYX7	CG11709	1S2J_A	203
>ENSF00000000897	13	Q9VXN9	CG8995	2CB3_A	173
>ENSF00000002182	2	P06602	CG2328	1JGG_A	60
>ENSF00000001617	2	P02836	CG9015	1HDD_C	60
>ENSF00000000345	2	Q24368	CG8625	1OFC_X	301
>ENSF00000000613	2	Q9VUQ5	CG7439	1VYN_A	139
>ENSF00000000786	2	Q24306	CG12284	1JD4_A	123
>ENSF00000002354	9	Q9U405	CG33133	1PZW_A	80
>ENSF00000002611	5	Q05783	CG17950	1E7J_A	74
>ENSF00000002611	5	Q05344	CG4817	1WXL_A	70
>ENSF00000001754	3	Q24008	CG3504	1IHJ_A	97
>ENSF00000000161	4	P13395	CG1977	2SPC_A	107
>ENSF00000000161	4	Q00963	CG5870	1DRO_@	122
>ENSF00000015594	7	P41964	CG10810	1MYN_@	44
>ENSF00000000427	4	P09089	CG1046	1KZ2_A	16
>ENSF00000003956	2	P49847	CG32211	1TAF_B	70
>ENSF00000004961	2	P09081	CG1034	1ZQ3_P	67
>ENSF00000000216	4	P02835	CG2047	1FTZ_@	69

>ENSF00000000461	3	P22808	CG6172	1NK2_P	76
>ENSF00000000652	2	P07764	CG6058	1FBA_A	361
>ENSF00000014835	2	Q27415	CG7917	1NLQ_A	108
>ENSF00000001428	2	P39769	CG18412	1KW4_A	76