

Categories
1 < 40 My
2 40 - 65 My
3 66 - 80 My
4 > 80 My

Category	RepName	RepClass	Total Length from PAML	% of Total Length	Calculated Age ((100-%div)*Sum of Weighted Rates)		Median Age	% Div from PAML	100-% div	REV Parameter	REV Param * 100	Rate (REV Param / Median Age)	Weighted Rate (Rate * %)	Total Length	Low Age	Rate	Calc Age	High Age	Rate		
	1 L1HS	LINE/L1	1479141	0.04		9.78	20.0	98.38	1.62%	0.0087	0.8659	0.0433%	0.0016%								
	1 L1PA2	LINE/L1	3301367	0.08		12.68	20.0	97.90	2.10%	0.0111	1.1099	0.0555%	0.0046%								
	1 L1PA3	LINE/L1	7726126	0.19		19.02	20.0	96.85	3.15%	0.0182	1.8189	0.0909%	0.0177%								
	1 L1PA4	LINE/L1	7860900	0.20		25.18	20.0	95.83	4.17%	0.0255	2.5491	0.1275%	0.0252%								
	1 L1PA5	LINE/L1	6735617	0.17		30.86	20.0	94.89	5.11%	0.0332	3.3195	0.1660%	0.0281%								
	1 L1PA6	LINE/L1	4226275	0.11		40.28	20.0	93.33	6.67%	0.0488	4.8843	0.2442%	0.0259%								
	1 L1PA7	LINE/L1	8479928	0.21		44.81	20.0	92.58	7.42%	0.0588	5.8750	0.2938%	0.0626%								
		Sum	39809354									0.1459%	0.1656%								
	1 AluSc	SINE/Alu	10850671	0.07	21.71	20.0	93.13	6.87%	0.0502	5.0228	0.2511%	0.0170%									
	1 AluSg	SINE/Alu	18585896	0.12	23.32	20.0	92.62	7.38%	0.0566	5.6595	0.2830%	0.0327%									
	1 AluSg1	SINE/Alu	1461879	0.01	23.22	20.0	92.65	7.35%	0.0435	4.3492	0.2175%	0.0020%									
	1 AluSg	SINE/Alu	21510773	0.13	25.34	20.0	91.98	8.02%	0.0662	6.6246	0.3312%	0.0443%									
	1 AluSx	SINE/Alu	76883672	0.48	27.55	20.0	91.28	8.72%	0.0788	7.8763	0.3938%	0.1885%									
	1 AluY	SINE/Alu	31361475	0.20	16.21	20.0	94.87	5.13%	0.0328	3.2761	0.1638%	0.0320%									
		Sum	160654366									0.2734%	0.3165%								
	2 MER85	DNA/PiggyBac	103616	0.02	37.20	51.5	93.40	6.60%	0.0459	4.5911	0.0891%	0.0021%		40	0.11%	0.0027%	28.90	63	0.07%	0.0017%	45.52
	2 MER107	DNA/MER1_type	46311	0.01	42.78	51.5	92.41	7.59%	0.0598	5.9819	0.1162%	0.0012%		40	0.15%	0.0016%	33.23	63	0.09%	0.0010%	52.34
	2 MER75B	DNA/PiggyBac	16295	0.00	43.74	51.5	92.24	7.76%	0.0656	6.5575	0.1273%	0.0005%		40	0.16%	0.0006%	33.98	63	0.10%	0.0004%	53.52
	2 MADE1	DNA/Mariner	425365	0.10	45.77	51.5	91.88	8.12%	0.0753	7.5263	0.1461%	0.0144%		40	0.19%	0.0185%	35.55	63	0.12%	0.0117%	56.00
	2 MER30	DNA/MER1_type	619044	0.14	46.11	51.5	91.82	8.18%	0.0702	7.0190	0.1363%	0.0195%		40	0.18%	0.0251%	35.81	63	0.11%	0.0159%	56.41
	2 HSMAR1	DNA/Mariner	391221	0.09	47.69	51.5	91.54	8.46%	0.0793	7.9323	0.1540%	0.0139%		40	0.20%	0.0179%	37.04	63	0.13%	0.0114%	58.34
	2 MER75	DNA/PiggyBac	157560	0.04	48.37	51.5	91.42	8.58%	0.0854	8.5387	0.1658%	0.0060%		40	0.21%	0.0078%	37.57	63	0.14%	0.0049%	59.17
	2 Charlie3	DNA/MER1_type	246354	0.06	51.35	51.5	90.89	9.11%	0.0865	8.6541	0.1680%	0.0096%		40	0.22%	0.0123%	39.89	63	0.14%	0.0078%	62.83
	2 MER1A	DNA/MER1_type	1092346	0.25	53.21	51.5	90.56	9.44%	0.0931	9.3059	0.1807%	0.0456%		40	0.23%	0.0587%	41.33	63	0.15%	0.0373%	65.10
	2 MER30B	DNA/MER1_type	26413	0.01	59.53	51.5	89.44	10.56%	0.0769	7.6920	0.1494%	0.0009%		40	0.19%	0.0012%	46.23	63	0.12%	0.0007%	72.83
	2 MER1B	DNA/MER1_type	1204979	0.28	61.22	51.5	89.14	10.86%	0.1179	11.7869	0.2289%	0.0637%		40	0.29%	0.0820%	47.55	63	0.19%	0.0521%	74.90
		Sum	4329504			51.5						0.1511%	0.1774%			0.19%	0.2284%			0.12%	0.1450%
	2 L1PA8	LINE/L1	3607688	0.13	41.54	51.5	92.19	7.81%	0.0596	5.9570	0.1157%	0.0150%									
	2 L1PA8A	LINE/L1	1484178	0.05	49.68	51.5	90.66	9.34%	0.1056	10.5606	0.2051%	0.0109%									
	2 L1PA10	LINE/L1	3293514	0.12	51.22	51.5	90.37	9.63%	0.1120	11.2034	0.2175%	0.0257%									
	2 L1PB1	LINE/L1	6970037	0.25	53.94	51.5	89.86	10.14%	0.1013	10.1299	0.1967%	0.0492%									
	2 L1PA11	LINE/L1	2018090	0.07	55.43	51.5	89.58	10.42%	0.1107	11.0699	0.2149%	0.0156%									
	2 L1PB2	LINE/L1	1242541	0.04	63.67	51.5	88.03	11.97%	0.0750	7.5001	0.1456%	0.0065%									
	2 L1PA12	LINE/L1	1042821	0.04	69.68	51.5	86.90	13.10%	0.1116	11.1581	0.2167%	0.0081%									
	2 L1PA13	LINE/L1	4410858	0.16	63.24	51.5	88.11	11.89%	0.0864	8.6378	0.1677%	0.0265%									
	2 L1PA14	LINE/L1	1467160	0.05	60.16	51.5	88.69	11.31%	0.1094	10.9419	0.2125%	0.0112%									
	2 L1MA1	LINE/L1	2350116	0.08	63.40	51.5	88.08	11.92%	0.1188	11.8797	0.2307%	0.0194%									
		Sum	27867003									0.1923%	0.1880%								
	2 AluJb	SINE/Alu	26020029	0.49	42.13	51.5	86.93	13.07%	0.1730	17.2982	0.3359%	0.1631%									
	2 AluJo	SINE/Alu	27573827	0.51	43.81	51.5	86.41	13.59%	0.1472	14.7238	0.2859%	0.1471%									
		Sum	53593856									0.3109%	0.3102%								
	3 HSMAR2	DNA/Mariner	933536	0.04	57.08	72.0	87.87	12.13%	0.1478	14.7831	0.2053%	0.0085%		64	0.21%	0.0089%	48.08	80	0.17%	0.0071%	60.11
	3 Tigger1	DNA/MER2_type	6826233	0.30	58.96	72.0	87.47	12.53%	0.1481	14.8102	0.2057%	0.0625%		64	0.22%	0.0681%	49.66	80	0.18%	0.0545%	62.09
	3 Tigger3b	DNA/MER2_type	1949509	0.09	60.99	72.0	87.04	12.96%	0.1093	10.9349	0.1519%	0.0132%		64	0.24%	0.0205%	51.37	80	0.19%	0.0164%	64.22
	3 Tigger2	DNA/MER2_type	1389964	0.06	61.18	72.0	87.00	13.00%	0.1673	16.7320	0.2324%	0.0144%		64	0.24%	0.0146%	51.53	80	0.19%	0.0117%	64.42
	3 Tigger4(Zombi)	DNA/MER2_type	669716	0.03	61.60	72.0	86.91	13.09%	0.0999	9.9871	0.1387%	0.0041%		64	0.24%	0.0070%	51.88	80	0.19%	0.0056%	64.87
	3 MER46B	DNA/MER2_type	472270	0.02	63.20	72.0	86.57	13.43%	0.1697	16.9705	0.2357%	0.0050%		64	0.25%	0.0054%	53.23	80	0.20%	0.0043%	66.55
	3 MER44A	DNA/MER2_type	429918	0.02	63.53	72.0	86.50	13.50%	0.1303	13.0259	0.1809%	0.0035%		64	0.26%	0.0050%	53.51	80	0.21%	0.0040%	66.90
	3 Tigger2a	DNA/MER2_type	851472	0.04	63.72	72.0	86.46	13.54%	0.1673	16.7287	0.2323%	0.0088%		64	0.25%	0.0094%	53.67	80	0.20%	0.0075%	67.10
	3 Tigger3(Golem)	DNA/MER2_type	1188263	0.05	63.95	72.0	86.41	13.59%	0.1066	10.6640	0.1481%	0.0078%		64	0.25%	0.0134%	53.86	80	0.20%	0.0107%	67.34
	3 Tigger5a	DNA/MER2_type	609751	0.03	65.36	72.0	86.11	13.89%	0.1605	16.0545	0.2230%	0.0060%		64	0.26%	0.0070%	55.05	80	0.21%	0.0056%	68.83
	3 Ricksha_c	DNA/MuDr	60659	0.00	65.65	72.0	86.05	13.95%	0.1884	18.8445	0.2617%	0.0007%		64	0.26%	0.0007%	55.29	80	0.21%	0.0006%	69.13
	3 MER46A	DNA/MER2_type	548697	0.02	65.88	72.0	86.00	14.00%	0.1504	15.0371	0.2088%	0.0051%		64	0.27%	0.0065%	55.49	80	0.21%	0.0052%	69.38
	3 MER6	DNA/MER2_type	323009	0.01	66.21	72.0	85.93	14.07%	0.1453	14.5319	0.2018%	0.0029%		64	0.26%	0.0037%	55.77	80	0.21%	0.0030%	69.72
	3 MER6A	DNA/MER2_type	276121	0.01	66.92	72.0	85.78	14.22%	0.1516	15.1574	0.2105%	0.0026%		64	0.27%	0.0033%	56.36	80	0.21%	0.0026%	70.47
	3 MER44C	DNA/MER2_type	290292	0.01	68.19	72.0	85.51	14.49%	0.1498	14.9849	0.2081%	0.0027%		64	0.27%	0.0036%	57.43	80	0.22%	0.0028%	71.80
	3 Tigger7	DNA/MER2_type	902820	0.04	69.04	72.0	85.33	14.67%	0.1214	12.1417	0.1686%	0.0068%		64	0.27%	0.0110%	58.15	80	0.22%	0.0088%	72.70
	3 Ricksha_b	DNA/MuDr	33152	0.00	69.93	72.0	85.14	14.86%	0.2971	29.7063	0.4126%	0.0006%		64	0.27%	0.0004%	58.90	80	0.22%	0.0003%	73.64
	3 Tigger5	DNA/MER2_type	340690	0.02	69.98	72.0	85.13	14.87%	0.1901	19.0099	0.2640%	0.0040%		64	0.27%	0.0042%	58.94	80	0.22%	0.0033%	73.69
	3 MER44D	DNA/MER2_type	108716	0.00	70.49	72.0	85.02	14.98%	0.1796	17.9582	0.2494%	0.0012%		64	0.28%	0.0014%	59.37	80	0.23%	0.0011%	74.23
	3 Ricksha	DNA/MuDr	382688	0.02	70																

3	MER2	DNA/MER2_type	1710407	0.08	74.78	72.0	84.11	15.89%	0.2294	22.9374	0.3186%	0.0242%	64	0.31%	0.0239%	62.98	80	0.25%	0.0191%	78.74
3	MER8	DNA/MER2_type	273688	0.01	75.72	72.0	83.91	16.09%	0.1724	17.2396	0.2394%	0.0029%	64	0.32%	0.0039%	63.77	80	0.25%	0.0031%	79.73
3	MER6B	DNA/MER2_type	96871	0.00	76.33	72.0	83.78	16.22%	0.1885	18.8530	0.2618%	0.0011%	64	0.32%	0.0014%	64.29	80	0.26%	0.0011%	80.38
3	MER82	DNA/MER2_type	881362	0.04	76.42	72.0	83.76	16.24%	0.1901	19.0057	0.2640%	0.0104%	64	0.31%	0.0122%	64.37	80	0.25%	0.0097%	80.48
3	Tigger5c	DNA/MER2_type	41402	0.00	77.74	72.0	83.48	16.52%	0.2164	21.6419	0.3006%	0.0006%	64	0.31%	0.0006%	65.48	80	0.25%	0.0005%	81.86
		Sum	22476844		72.0						0.2325%	0.2125%		0.27%	0.2523%			0.22%	0.2018%	
3	L1MA2	LINE/L1	3944192	0.21	48.72	72.0	87.46	12.54%	0.1908	19.0847	0.2651%	0.0556%								
3	L1MA3	LINE/L1	4494797	0.24	50.62	72.0	86.97	13.03%	0.2171	21.7071	0.3015%	0.0721%								
3	L1PA15	LINE/L1	3823668	0.20	52.76	72.0	86.42	13.58%	0.1615	16.1536	0.2244%	0.0456%								
3	L1PA16	LINE/L1	6386304	0.34	52.87	72.0	86.39	13.61%	0.1744	17.4358	0.2422%	0.0823%								
3	L1PB3	LINE/L1	149313	0.01	56.57	72.0	85.44	14.56%	0.1581	15.8107	0.2196%	0.0017%								
		Sum	18798274								0.2505%	0.2574%								
4	MERS3	DNA	671504	0.02	65.21	115.5	83.64	16.36%	0.2118	21.1768	0.1748%	0.0030%	81	0.25%	0.0042%	45.72	150	0.13%	0.0023%	84.68
4	Tigger6b	DNA/MER2_type	30331	0.00	69.79	115.5	82.49	17.51%	0.2165	21.6507	0.1888%	0.0001%	81	0.27%	0.0002%	48.94	150	0.15%	0.0001%	90.63
4	MER96B	DNA/HAT	280967	0.01	70.39	115.5	82.34	17.66%	0.2015	20.1468	0.1899%	0.0013%	81	0.27%	0.0019%	49.36	150	0.15%	0.0010%	91.41
4	Charlie5	DNA/MER1_type	592158	0.01	71.54	115.5	82.05	17.95%	0.2322	23.2199	0.1914%	0.0029%	81	0.27%	0.0041%	50.17	150	0.15%	0.0022%	92.91
4	Tigger6	DNA/MER2_type	67173	0.00	72.74	115.5	81.75	18.25%	0.2593	25.9336	0.1952%	0.0003%	81	0.28%	0.0005%	51.01	150	0.15%	0.0003%	94.46
4	Arthur1	DNA/Tip100	887265	0.02	89.44	115.5	77.56	22.44%	0.3739	37.3894	0.2590%	0.0058%	81	0.37%	0.0083%	62.72	150	0.20%	0.0045%	116.15
4	BLACKJACK	DNA/AcHobo	516329	0.01	92.47	115.5	76.80	23.20%	0.3890	38.8990	0.2661%	0.0035%	81	0.38%	0.0049%	64.84	150	0.20%	0.0027%	120.08
4	Charlie1	DNA/MER1_type	1118724	0.03	76.52	115.5	80.80	19.20%	0.2925	29.2516	0.2098%	0.0059%	81	0.30%	0.0084%	53.66	150	0.16%	0.0046%	99.38
4	Charlie10	DNA/MER1_type	334729	0.01	87.80	115.5	77.97	22.03%	0.3577	35.7665	0.2517%	0.0021%	81	0.36%	0.0030%	61.57	150	0.19%	0.0016%	114.03
4	Charlie1a	DNA/MER1_type	930434	0.02	77.88	115.5	80.46	19.54%	0.2912	29.1224	0.2163%	0.0051%	81	0.31%	0.0072%	54.61	150	0.17%	0.0039%	101.14
4	Charlie1b	DNA/MER1_type	414776	0.01	76.80	115.5	80.73	19.27%	0.3090	30.9018	0.2149%	0.0022%	81	0.31%	0.0032%	53.86	150	0.17%	0.0017%	99.74
4	Charlie2	DNA/MER1_type	667405	0.02	93.22	115.5	76.61	23.39%	0.3500	34.9983	0.2739%	0.0046%	81	0.39%	0.0066%	65.37	150	0.21%	0.0035%	121.07
4	Charlie2a	DNA/MER1_type	323370	0.01	92.39	115.5	76.82	23.18%	0.3912	39.1168	0.2661%	0.0022%	81	0.38%	0.0031%	64.78	150	0.20%	0.0017%	119.98
4	Charlie2b	DNA/MER1_type	107055	0.00	100.96	115.5	74.67	25.33%	0.4566	45.6607	0.2989%	0.0008%	81	0.43%	0.0011%	70.79	150	0.23%	0.0006%	131.11
4	Charlie4	DNA/MER1_type	205343	0.01	86.61	115.5	78.27	21.73%	0.3326	33.2562	0.2431%	0.0013%	81	0.35%	0.0018%	60.73	150	0.19%	0.0010%	112.47
4	Charlie4a	DNA/MER1_type	501907	0.01	84.93	115.5	78.69	21.31%	0.3302	33.0236	0.2416%	0.0031%	81	0.34%	0.0044%	59.56	150	0.19%	0.0024%	110.30
4	Charlie6	DNA/MER1_type	77730	0.00	86.33	115.5	78.34	21.66%	0.3420	34.1955	0.2397%	0.0005%	81	0.34%	0.0007%	60.54	150	0.18%	0.0004%	112.11
4	Charlie7	DNA/MER1_type	815516	0.02	96.33	115.5	75.83	24.17%	0.2741	27.4065	0.2817%	0.0058%	81	0.40%	0.0083%	67.55	150	0.22%	0.0045%	125.10
4	Charlie8	DNA/MER1_type	971109	0.02	101.08	115.5	74.64	25.36%	0.4047	40.4671	0.3042%	0.0074%	81	0.43%	0.0106%	70.88	150	0.23%	0.0057%	131.26
4	Charlie9	DNA/MER1_type	171747	0.00	86.65	115.5	78.26	21.74%	0.3978	39.7826	0.2382%	0.0010%	81	0.34%	0.0015%	60.76	150	0.18%	0.0008%	112.53
4	Cheshire	DNA/MER1_type	216000	0.01	75.05	115.5	81.17	18.83%	0.3033	30.3344	0.2033%	0.0011%	81	0.29%	0.0016%	52.63	150	0.16%	0.0008%	97.46
4	FordPrefect	DNA/Tip100	154622	0.00	93.62	115.5	76.51	23.49%	0.4238	42.3752	0.2816%	0.0011%	81	0.40%	0.0016%	65.65	150	0.22%	0.0008%	121.58
4	FordPrefect_a	DNA/Tip100	40715	0.00	98.45	115.5	75.30	24.70%	0.5745	57.4525	0.3096%	0.0003%	81	0.44%	0.0005%	69.03	150	0.24%	0.0002%	127.85
4	Kanga1	DNA/TC2	513753	0.01	91.59	115.5	77.02	22.98%	0.3923	39.2319	0.2652%	0.0034%	81	0.38%	0.0049%	64.23	150	0.20%	0.0026%	118.94
4	Kanga1a	DNA/TC2	69789	0.00	96.13	115.5	75.88	24.12%	0.4197	41.9669	0.2863%	0.0005%	81	0.41%	0.0007%	67.41	150	0.22%	0.0004%	124.84
4	Kanga1b	DNA/TC2	12530	0.00	97.01	115.5	75.66	24.34%	0.3308	33.0751	0.2899%	0.0001%	81	0.41%	0.0001%	68.03	150	0.22%	0.0001%	125.98
4	Kanga1c	DNA/TC2	48501	0.00	91.67	115.5	77.00	23.00%	0.2995	29.9548	0.2651%	0.0003%	81	0.38%	0.0005%	64.28	150	0.20%	0.0002%	119.05
4	Kanga2_a	DNA/TC2	295788	0.01	97.69	115.5	75.49	24.51%	0.4191	41.9106	0.2896%	0.0022%	81	0.41%	0.0031%	68.50	150	0.22%	0.0017%	126.86
4	Looper	DNA/PiggyBac	135577	0.00	76.60	115.5	80.78	19.22%	0.3134	31.3370	0.2077%	0.0007%	81	0.30%	0.0010%	53.72	150	0.16%	0.0005%	99.48
4	MADE2	DNA/Manner	173656	0.00	76.96	115.5	80.69	19.31%	0.2325	23.2525	0.2030%	0.0009%	81	0.29%	0.0013%	53.97	150	0.16%	0.0007%	99.95
4	MARNA	DNA/Manner	473621	0.01	111.28	115.5	72.08	27.92%	0.4621	46.2095	0.3391%	0.0040%	81	0.48%	0.0058%	78.03	150	0.26%	0.0031%	144.51
4	MER102a	DNA/MER1_type	371456	0.01	106.78	115.5	73.21	26.79%	0.7259	72.5926	0.3298%	0.0031%	81	0.47%	0.0044%	74.87	150	0.25%	0.0024%	138.66
4	MER102b	DNA/MER1_type	253744	0.01	106.34	115.5	73.32	26.68%	0.6544	65.4368	0.3353%	0.0021%	81	0.48%	0.0031%	74.57	150	0.26%	0.0017%	138.10
4	MER103	DNA	670651	0.02	97.01	115.5	75.66	24.34%	0.3936	39.3616	0.2786%	0.0047%	81	0.40%	0.0067%	68.03	150	0.21%	0.0036%	125.98
4	MER104	DNA/TC2	259007	0.01	86.97	115.5	78.18	21.82%	0.2658	26.5829	0.2483%	0.0016%	81	0.35%	0.0023%	60.98	150	0.19%	0.0012%	112.94
4	MER105	DNA	93882	0.00	82.62	115.5	79.27	20.73%	0.2031	20.3145	0.2294%	0.0005%	81	0.33%	0.0008%	57.94	150	0.18%	0.0004%	107.30
4	MER106A	DNA/MER1_type	122986	0.00	82.22	115.5	79.37	20.63%	0.2191	21.9146	0.2320%	0.0007%	81	0.33%	0.0010%	57.66	150	0.18%	0.0006%	106.78
4	MER106B	DNA/MER1_type	123432	0.00	80.47	115.5	79.81	20.19%	0.2942	29.4212	0.2327%	0.0007%	81	0.33%	0.0010%	56.43	150	0.18%	0.0006%	104.50
4	MER112	DNA/MER1_type	490076	0.01	91.67	115.5	77.00	23.00%	0.3985	39.8474	0.2600%	0.0032%	81	0.37%	0.0046%	64.28	150	0.20%	0.0025%	118.05
4	MER113	DNA/MER1_type	692721	0.02	97.05	115.5	75.65	24.35%	0.3694	36.9447	0.2857%	0.0050%	81	0.41%	0.0071%	68.05	150	0.22%	0.0038%	126.04
4	MER115	DNA/Tip100	441366	0.01	105.98	115.5	73.41	26.59%	0.4234	42.3424	0.3410%	0.0038%	81	0.49%	0.0054%	74.32	150	0.26%	0.0029%	137.63
4	MER117	DNA/MER1_type	478056	0.01	111.00	115.5	72.15	27.85%	0.3323	33.2314	0.3335%	0.0040%	81	0.48%	0.0057%	77.84	150	0.26%	0.0031%	144.15
4	MER119	DNA/MER1_type	237508	0.01	78.68	115.5	80.26	19.74%	0.2916	29.1583	0.2248%	0.0013%	81	0.32%	0.0019%	55.17	150	0.17%	0.0010%	102.17
4	MER120	DNA/MER1_type	2546262	0.06	77.04	115.5	80.67	19.33%	0.1549	15.4924	0.2130%	0.0137%	81	0.30%	0.0195%	54.02	150	0.16%	0.0105%	100.05
4	MER20B	DNA/MER1_type	698406	0.02	98.33	115.5	75.33	24.67%	0.4268	42.6816	0.2948%	0.0052%	81	0.42%	0.0074%	68.95	150	0.23%	0.0040%	127.69
4	MER3	DNA/MER1_type	1387175	0.03	73.14	115.5	81.65	18.35%	0.2450	24.5037	0.1999%	0.0070%	81	0.29%	0.0100%	51.29	150	0.15%	0.0054%	94.98
4	MER33	DNA/MER1_type	1360918	0.03	72.38	115.5	81.84	18.16%	0.2498	24.9817	0.2001%	0.0069%	81	0.29%	0.0098%	50.75	150	0.15%	0.0053%	94.00
4	MER45	DNA/Tip100	49025	0.00	72.98	115.5	81.69	18.31%	0.2104	21.0447	0.2038%	0.0003%	81	0.29%	0.0004%	51.17	150	0.16%	0.0002%	94.77
4	MER45A	DNA/Tip100	333603	0.01	73.50	115.5	81.56	18.44%	0.2117	21.1660	0.2139%	0.0018%	81	0.31%	0.0026%	51.54	150	0.16%	0.0014%	95.45
4	MER45B	DNA/Tip100	333587	0.																

4 MER63D	DNA/AcHobo	87336	0.00	78.08	115.5	80.41	19.59%	0.2662	26.6203	0.2161%	0.0005%	81	0.31%	0.0007%	54.75	150	0.17%	0.0004%	101.40
4 MER69A	DNA/Tip100	117032	0.00	89.80	115.5	77.47	22.53%	0.3184	31.8414	0.2699%	0.0008%	81	0.38%	0.0011%	62.97	150	0.21%	0.0006%	116.61
4 MER69B	DNA/Tip100	99900	0.00	93.90	115.5	76.44	23.56%	0.3490	34.8979	0.2752%	0.0007%	81	0.39%	0.0010%	65.85	150	0.21%	0.0005%	121.95
4 MER81	DNA/AcHobo	283773	0.01	87.21	115.5	78.12	21.88%	0.2552	25.5163	0.2448%	0.0018%	81	0.35%	0.0025%	61.15	150	0.19%	0.0013%	113.25
4 MER91	DNA/Tip100	31000	0.00	85.25	115.5	78.61	21.39%	0.3833	38.3345	0.2348%	0.0002%	81	0.33%	0.0003%	59.78	150	0.18%	0.0001%	110.71
4 MER91A	DNA/Tip100	305336	0.01	106.70	115.5	73.23	26.77%	0.4578	45.7810	0.3501%	0.0027%	81	0.50%	0.0038%	74.82	150	0.27%	0.0021%	138.56
4 MER91B	DNA/Tip100	126250	0.00	96.97	115.5	75.67	24.33%	0.4089	40.8936	0.2814%	0.0009%	81	0.40%	0.0013%	68.00	150	0.22%	0.0007%	125.93
4 MER91C	DNA/Tip100	84000	0.00	99.76	115.5	74.97	25.03%	0.2564	25.6392	0.3182%	0.0007%	81	0.45%	0.0010%	69.96	150	0.25%	0.0005%	129.55
4 MER94	DNA/AcHobo	454469	0.01	94.38	115.5	76.32	23.68%	0.3851	38.5113	0.2692%	0.0031%	81	0.38%	0.0044%	66.18	150	0.21%	0.0024%	122.57
4 MER96	DNA/hAT	109639	0.00	82.58	115.5	79.28	20.72%	0.2393	23.9342	0.2483%	0.0007%	81	0.35%	0.0010%	57.91	150	0.19%	0.0005%	107.25
4 MER97a	DNA/MER1_type?	206908	0.01	83.78	115.5	78.98	21.02%	0.1966	19.6595	0.2324%	0.0012%	81	0.33%	0.0017%	58.75	150	0.18%	0.0009%	108.80
4 MER97b	DNA/MER1_type?	57121	0.00	83.82	115.5	78.97	21.03%	0.3207	32.0726	0.2304%	0.0003%	81	0.33%	0.0005%	58.78	150	0.18%	0.0003%	108.85
4 MER97c	DNA/MER1_type?	79852	0.00	86.61	115.5	78.27	21.73%	0.2472	24.7202	0.2378%	0.0005%	81	0.34%	0.0007%	60.73	150	0.18%	0.0004%	112.47
4 MER99	DNA	72855	0.00	82.62	115.5	79.27	20.73%	0.2403	24.0325	0.2333%	0.0004%	81	0.33%	0.0006%	57.94	150	0.18%	0.0003%	107.30
4 ORSL	DNA/Tip100	159882	0.00	76.72	115.5	80.75	19.25%	0.2592	25.9158	0.2232%	0.0009%	81	0.32%	0.0013%	53.80	150	0.17%	0.0007%	99.64
4 Trigger6a	DNA/MER2_type	249967	0.01	73.38	115.5	81.59	18.41%	0.2666	26.6555	0.1988%	0.0013%	81	0.28%	0.0018%	51.45	150	0.15%	0.0010%	95.29
4 Trigger8	DNA/MER2_type	150542	0.00	105.66	115.5	73.49	26.51%	0.2909	29.0859	0.3195%	0.0012%	81	0.46%	0.0017%	74.09	150	0.25%	0.0009%	137.22
4 Zaphod	DNA/Tip100	443135	0.01	88.16	115.5	77.88	22.12%	0.3435	34.3459	0.2517%	0.0028%	81	0.36%	0.0040%	61.82	150	0.19%	0.0022%	114.49
4 Zaphod2	DNA/Tip100	99088	0.00	87.49	115.5	78.05	21.95%	0.2072	20.7168	0.2448%	0.0006%	81	0.35%	0.0009%	61.35	150	0.19%	0.0005%	113.61
	Sum	39678104			115.5					0.2498%	0.2509%		0.3574%	0.3578%			0.1930%	0.1932%	
4 L1MA4	LINE/L1	3696430	0.38	101.12	115.5	83.81	16.19%	0.3464	34.6425	0.1623%	0.0622%	81	0.23%	0.0887%	70.92	150	0.12%	0.0479%	131.31
4 L1MA5	LINE/L1	1792586	0.19	100.56	115.5	83.90	16.10%	0.2815	28.1543	0.1588%	0.0295%	81	0.23%	0.0421%	70.52	150	0.12%	0.0227%	130.58
4 L1PA17	LINE/L1	1978616	0.21	100.44	115.5	83.92	16.08%	0.6862	68.6167	0.1635%	0.0335%	81	0.23%	0.0478%	70.43	150	0.13%	0.0258%	130.41
4 L1PB4	LINE/L1	2179785	0.23	97.94	115.5	84.32	15.68%	0.3079	30.7902	0.1544%	0.0349%	81	0.22%	0.0497%	68.68	150	0.12%	0.0269%	127.17
	Sum	9647417								0.1597%	0.1601%		0.23%	0.2283%			0.12%	0.1233%	