TABLE S2

Element	St0/Inactive	St1/Active	St0 enrich	St0 p-value	St0 adj p-value	St1 enrich	St1 p-value	St1 adj p-value
Num_Gencode_TxStarts	582 (0.215)	2127 (0.785)	-0.615	0	0	0.778	0	0
Num_mRNA_5'Ends	905 (0.196)	3710 (0.804)	-0.649	0	0	0.82	0	0
Num_Spliced.EST_5'Ends	15386 (0.118)	115334 (0.882)	-0.789	0.0002	0.000582	0.998	0.0002	0.000582
EST_Ovr	9286375 (0.488)	9740560 (0.512)	-0.126	0.003	0.006	0.159	0.0006	0.00128
CpG.UCSC_Isl_Ovr	70669 (0.187)	306758 (0.813)	-0.665	0	0	0.84	0	0
RptMskr_Ovr	7226249 (0.547)	5992974 (0.453)	-0.021	0.112	0.112	0.026	0.0965	0.09961
RptMskr_DNA_Ovr	486621 (0.599)	326141 (0.401)	0.072	0.0495	0.06092	-0.092	0.0299	0.04556
RptMskr_LINE.L1_Ovr	2693944 (0.657)	1404172 (0.343)	0.177	0.0003	0.000738	-0.224	0.0003	0.000738
RptMskr_LINE.L2_Ovr	594843 (0.596)	403953 (0.404)	0.067	0.0695	0.07413	-0.084	0.0583	0.0691
RptMskr_LTR_Ovr	1343976 (0.654)	711430 (0.346)	0.171	0.0005	0.001143	-0.216	0.0001	0.000356
RptMskr_SINE.ALU_Ovr	1245502 (0.329)	2540590 (0.671)	-0.411	0	0	0.519	0	0
SimpRep_Ovr	298001 (0.431)	392732 (0.569)	-0.227	0.0034	0.0064	0.287	0.0045	0.008
MSA_strict_Ovr	345332 (0.484)	368664 (0.516)	-0.134	0.0654	0.07217	0.169	0.0456	0.05990
MSA_moderate_Ovr	730247 (0.499)	732779 (0.501)	-0.106	0.0653	0.07217	0.134	0.0422	0.05871
MSA_loose_Ovr	1789584 (0.514)	1695177 (0.486)	-0.08	0.0367	0.05338	0.101	0.0219	0.03504
MSA_non.exonic_Ovr	606933 (0.679)	286796 (0.321)	0.163	0.0468	0.05990	-0.229	0.0184	0.03099