Human specific L1 vs Control
Integration site Threshold H2AFZ 10 100 H3K27ac 100 H4K20me1 100 H3K36me3 100 H3K4me1 100 H3K4me2 100 H3K4me3 100 H3K79me2 100 H3K9ac 100 H3K9me3 H3K27me3 100 CTCF 100 100 DNase hypersensitive sites RNA Pol2 100 100 G Quadruplexes 100 A-phased repeats Direct repeats 100 Inverted repeats Mirror repeats 100 Z DNA motifs Most conserved element 100 Features 100 Exons 100 Introns GC content 100 100 AT content 100 Mononucleotides Microsatellites di- tri- tetra-nucleotide 100 DNA transposons 100 Alu 100 MIR 100 LTR elements 10 L1 target motifs 100 L2 and L3 100 CpG islands 100 5-hydroxymethylcytosine Sperm hypomethylation 2 100 Replication origin 10 Sex-averaged recombination hotspots 100 hESC exon expression 100 hESC gene expression 100 hESC transcript expression 100 Testis expression CHH Methylation CHG Methylation 100 CPG Methylation 100 

-log10(p-value)

2

kb