

>L1 L1 Homo sapiens

 ${\tt gggggaggagccaagatggccgaataggaacagctccggtctacagctcccagcgtgagcgacgca...} {\tt >LTR10B\ ERV1} \qquad {\tt Homo\ sapiens}$ 

tgttaaatacagtaagaaattcttcttcaaaggtttagcttgtttaagtttccttgtcc...

### NGS sequence data

@HWI-ST382:154:C26DBACXX:7:1101:1297:1992 1:Y:0:ACAGTG

CONTOCTTAGGCAACCTGGTGGTCCCCCGCTCCCGGGAGGTCACCATATTGATGCCGAACTTAGTGCGGACACCCGATCGGCATAGCGCACTACA

ANDODEPHHEIDOGGIEGORIACORE CHECK CHECK THE THE THE CASCA HAND THE CHECK CHECK

(MMI-5)38271047C250BMCXX77711817129771992-119767ACA316 CCNTCCTTAGGCAACCTGGTGGTCCCCCGCTCCCGGGAGGTCACCATATTGATGCCGAACTTAGTGCGGACCCGATCGGCATAGCGCACTACAGCC

=1#2<7A<>2?<A==AA=8?8<<ABBA81:?AA;.4:4:A-.7>=>A;>8

SANSTCCCCTGCGGGGTACCTCACCTCAGCCATTGAACTCACTTCGCTGGCCGTGAGTCTGTTCCAAGCTCCGGCAAAGGAGGCATCCGCCGGGCCCC

@7#4ADDDFHHHFIIIDFDHEGIGGGGIIGGIIIACCGGI@EHIFFHE?DCAC>>@BCCCC@ACADCA<ACCB@B>@BCCBBB@?>CC@B?<BB99>I @HWI-ST3B2:154:C26DBACXX:7:1181:2859:1991 1:N:0:ACAGTG

9HWI-ST382:154:C26DBACXX:7:1191:3397:1994 1:N:0:ACAGTG

+
PR#4A7ABCD7DFBDDEFEEFG=??CFBHGCGGFGHIG9D7DHIBBFHA=C==CF=CFFHI<CHCEIHH>>AEF7)7:7?P:A:6:5A?C5>AA>:

@PAA/ABCD/DFBDDEgEEFG=Y/CFBHBCSGFGHIG9D/DHIBBFHA=C==CFFHICHCEIHH>>AEG/)/;/YE/A/6/5AYC5>AA>::
@HWI-ST382:154:C26DBACXX:7:1181:4264:1998 1:N:0:ACAGTG

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COMMANDE MARKET LETT 2 COMMENCE ACCORDING RELITED ARCCT TO CHICT DAMAGE. NO. 220 - - - ORORD DOMAS S. S. / RROCC ACCORD NO. 200 - - ORORD DOMAS S. / RROCC ACCORD NO. 200 - - ORORD DOMAS S. / RROCC NO. 200 - - ORORD NO. 200 - - OR

#### Covariates

Genotype Phenotype Quantitative traits

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## Building Index



# TPM Quantification



Statistical
Test
(Differential Expression,
GLM)



### Statistics for each element

Name	Clade	Mean Control	Mean Treatment	log2FC
MER74A	ERV3	1.21	2.20	0.86
MER57E1	ERV1	7.07	6.24	1.30
AluYd2	SINE	0.77	3.37	0.83
LTR1C1	ERV1	1.87	9.63	0.77
AluSx1	SINE	6.28	4.51	0.75
LTR27D	ERV1	2.16	8.17	0.73
AluSx	SINE	0.92	4.63	0.71
MLT-int	ERV3	7.03	2.71	0.66
MER54A	ERV3	6.15	2.30	0.52
MER65D	ERV1	1.28	0.72	0.51

### Statistics for each clade

