

Supplementary Table 2 - Lineage-specific repetitive element integrations into X-degenerate sequences of chimpanzee and human Y chromosomes

Repetitive Element	Chimpanzee	Human
AluY	21	9
AluYa5	0	28
AluYa8	0	1
AluYb8	0	7
AluYb9	0	1
AluYc2	2	2
AluYd3a1	1	0
AluYd8	0	2
AluYe5	0	2
All Alu's	24	52
L1	1	0
L1HS	0	2
L1P	0	1
L1PA2	13	4
All L1's	14	7
CERV1*	18	0
CERV2	3	0
HERV9	1	1
HERV-K	1	0
All ERV's	23	1
Grand totals	61	60
Summed length of sequence (bp)	192523	56494

Repeat content analyzed using RepeatMasker (<http://repeatmasker.genome.washington.edu>).

*Six of the CERV1 elements are solo-LTRs, which represent integrations of full-length elements followed by LTR-LTR recombination resulting in deletion of the internal seq