

Supplementary Table 2 - Sequence characteristics and repeat content of chimpanzee and human MSY sequences

	X-degenerate		Ampliconic		Entire Y		without	Human Genome Average
	Chimpanzee	Human	Chimpanzee	Human	Chimpanzee	Human	X-transp. Human	
Genomic size (Mb)	8.57	8.47	14.73	10.18	25.78	22.80	19.22	
C+G (%)	39.5	39.3	40.5	40.3	40.2	39.3	39.9	41
GC content (per Mb)	17.9	16.3	12.4	11.4	14.2	13.6	13.7	10.7
Alu (per Mb)	1.4	1.9	1.6	5.9	1.4	3.4	4.0	7.3
Other (per Mb)	3.4	3.2	14.2	17.7	10.0	9.8	11.1	6.5
<u>Repeats:</u>								
SINEs (%)	10.3	10.3	7.0	7.3	7.9	8.2	8.7	13.14
LINEs (%)	29.8	30.0	20.6	18.7	22.4	26.0	23.5	20.42
Retroviral (%)	20.5	20.8	12.2	14.5	14.2	18.6	18.9	8.29
Total (%)	62.5	63.0	40.7	41.6	45.7	54.3	52.6	47.7

Genome averages derive from the following references:

Human Genome Sequencing Consortium, Initial sequencing and analysis of the human genome. Nature 409, 860-921 (2001).

Human Genome Sequencing Consortium, Finishing the euchromatic sequence of the human genome. Nature 431, 931-945 (2004).

