Table S2. Motifs loss rates computed on F1 motif subset.

Branch	Na		Rateb			C
	НМ	СМ	НМ	СМ	HM/CM	p ^c
Chimpanzee	5474	5314	6.4%	5.8%	1.1	0.209
Hominini	5474	5314	5.3%	4.3%	1.2	0.024
Denisovan	5185	5084	1.1%	0.7%	1.6	0.036
Human	5185	5084	1.8%	0.5%	3.6	5.7 10-10

^a Intact motif count at ancestral node of the branch (cf. Figure 1)

^b Motif loss rate along the branch

 $^{^{\}rm c}$ P-value of proportion test comparing HM $\it vs.$ CM loss rates along the branch