Table S1. Motifs loss rates computed on F3 motif subset.

Branch	Na		Rateb			70 C
	НМ	CM	НМ	CM	HM/CM	p ^c
Chimpanzee	2019	2274	5.2%	5.1%	1.0	0.938
Hominini	2019	2274	5.1%	4.3%	1.2	0.071
Denisovan	1908	2177	0.8%	0.4%	2.0	0.078
Human	1908	2177	1.9%	0.4%	4.8	5.6 10-6

^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