

	HAR1	HAR2	HAR3	HAR4	HAR5
Chromosome	chr20	chr2	chr7	chr16	chr12
Start	61,203,891	23,655,6008	1,979,165	71,686,758	844,433
Length	187 bp	155 bp	295 bp	463 bp	418 bp
<i>Human Differences</i>					
W → S	23	11	10	6	4
S → W	0	0	0	3	1
neither	2	1	1	2	3
Human:Chimp	12.97	23.08	26.62	37.53	12.79

Table S9. Details of phastCons elements containing HAR1-HAR5. Coordinates are from hg17 human genome assembly (build 35). Human differences gives the number of bases that do not match the human-chimp-macaque consensus ancestral sequence. The human:chimp ratio is the estimated substitutions rate per million years in human compared to chimp. Rates are estimated using the method described in Siepel *et al*³⁸. with the CONS model as prior (Text S1).