

Table S10. Genome rates across primate genera.

FAMILY	GENUS	Mean Substitution Rate (x10 <sup>-4</sup> )	S.E.
Cercopithecidae			
	Allenopithecus	6.747	0.125
	Cercocebus	5.190	.
	Cercopithecus	4.923	0.201
	Chlorocebus	4.866	0.413
	Colobus	5.181	0.478
	Erythrocebus	5.451	0.317
	Lophocebus	5.444	.
	Macaca	4.595	.
	Mandrillus	4.461	0.165
	Miopithecus	4.542	.
	Nasalis	5.304	.
	Papio	4.927	.
	Piliocolobus	5.550	0.385
	Presbytis	4.639	.
	Pygathrix	5.001	0.828
	Rhinopithecus	5.177	0.226
	Semnopithecus	5.036	0.605
	Tracypithecus	4.787	0.230
Hominidae			
	Gorilla	4.82	.
	Homo	6.02	.
	Pan	5.16	1.510
	Pongo	4.729	0.735
Hylobatidae			
	Hylobates	5.885	0.744
	Nomascus	4.467	0.220
	Symphalanges	3.991	.
Atelidae			
	Alouatta	8.154	1.636
	Ateles	7.287	0.819
	Brachyteles	7.491	1.318
	Lagothrix	6.549	1.404
Cebidae			
	Aotus	7.359	1.238
	Callimico	8.141	.
	Callithrix	6.899	0.714

	Cebuella	6.970	.
	Cebus	7.501	0.999
	Leontopithecus	7.261	0.842
	Mico	8.092	2.082
	Saguinus	7.055	0.647
	Saimiri	6.859	0.804
Pitheciidae			
	Cacajao	7.278	1.052
	Callicebus	7.257	0.783
	Chiropotes	7.453	1.428
	Pithecia	7.273	0.366
Tarsiidae			.
	Tarsius	8.765	
Cheirogaleidae			
	Cheirogaleus	5.177	.
	Microcebus	6.691	1.220
	Mirza	10.717	.
Indriidae			
	Avahi	7.537	.
	Propithecus	6.131	1.063
Lemuridae			
	Eulemur	6.062	0.274
	Haplemur	9.342	4.541
	Lemur	5.154	.
	Varecia	5.771	0.697
Lepilemuridae			
	Lepilemur	6.400	0.338
Lorisidae			
	Arctocebus	9.143	.
	Loris	6.823	.
	Nycticebus	6.864	1.728
	Perodicticus	6.391	.
Galagidae			
	Galago	6.301	0.375
	Otolemur	6.925	1.354
Daubentoniidae			.
	Daubentonia	4.289	