

Supplementary Tables

Supplementary Table S1 GenBank accession Nos. of mitochondrial DNA sequences

S.N.	Species	HVR1	HVR2	CYTB	16S rRNA
1	NPAM1	MW289040	MW289045	MW289050	MW289055
	NPAM2	MW289041	MW289046	MW289051	MW289056
	NPAM3	MW289042	MW289047	MW289052	MW289057
	NPAM4	MW289043	MW289048	MW289053	MW289058
	NPAM5	MW289044	MW289049	MW289054	MW289059
2	<i>Macaca assamensis</i> <i>assamensis</i>	KF990122	KF990122	KF990122	KF990122
3	<i>Macaca leucogenys</i>	KU564271	KU564271	KU564271	KU564271
4	<i>Macaca munzala</i> _1	KC844136	---	DQ859975	---
5	<i>Macaca munzala</i> _2	KC844141	---	DQ859976	---
6	<i>Macaca thibetana</i> _1	KJ567056	KJ567056	KJ567056	KJ567056
7	<i>Macaca thibetana</i> _2	EU294187	EU294187	EU294187	EU294187
8	<i>Macaca radiata</i>	LC225392	LC225392	LC225392	LC225392
9	<i>Macaca sinica</i>	NC037437	NC037437	NC037437	NC037437
10	<i>Macaca arctoides</i>	NC025201	NC025201	NC025201	NC025201
11	<i>Macaca mulatta</i>	KF830702	KF830702	KF830702	KF830702
12	<i>Macaca fascicularis</i>	KM851037	KM851037	KM851037	KM851037
13	<i>Macaca fuscata</i>	KM401548	KM401548	KM401548	KM401548

14	<i>Macaca silenus</i>	KM679363	KM679363	KM679363	KM679363
15	<i>Macaca leonina</i>	KP330231	KP330231	KP330231	KP330231
16	<i>Macaca hecki</i>	MT300242	MT300242	MT300242	MT300242
17	<i>Macaca nigrescens</i>	MT300236	MT300236	MT300236	MT300236
18	<i>Macaca cyclopis</i>	KM023192	KM023192	KM023192	KM023192
19	<i>Macaca nigra</i>	KP072068	KP072068	KP072068	KP072068
20	<i>Macaca maura</i>	MT300255	MT300255	MT300255	MT300255
21	<i>Macaca nemestrina</i>	NC026976	NC026976	NC026976	NC026976
22	<i>Macaca tonkeana</i>	NC025222	NC025222	NC025222	NC025222
23	<i>Macaca sylvanus</i>	KJ567054	KJ567054	KJ567054	KJ567054
24	<i>Papio hamadryas</i>	JX946201	JX946201	JX946201	JX946201

Supplementary Table S2 GenBank accession Nos. of Y-chromosomal DNA sequences

S.N.	Species	TSPY	SRY
1	NPAM	MW289061	MW289060
2	<i>Macaca assamensis assamensis</i> 1	AY224236	KT356226
3	<i>Macaca assamensis assamensis</i> 2	AF284244	AF284295
4	<i>Macaca leucogenys</i>	MW289063	MW289062
5	<i>Macaca munzala</i>	EF222279	...
6	<i>Macaca thibetana</i>	AF284276	AF284327
7	<i>Macaca radiata</i>	AF284270	AF284321
8	<i>Macaca sinica</i>	AF284233	AF284284
9	<i>Macaca arctoides</i>	AF284240	AF284291
10	<i>Macaca mulatta</i> India	AF284258	AC217136
11	<i>Macaca mulatta</i> China	AF284260	AF284311
12	<i>Macaca fascicularis</i>	AF284253	AF284301
13	<i>Macaca fuscata</i>	AF284255	AF284305
14	<i>Macaca silenus</i>	AF284237	KT356227
15	<i>Macaca leonina</i>	KT356258	KT356228
16	<i>Macaca hecki</i>	AF284256	AF284307
17	<i>Macaca nigrescens</i>	AF284268	AF284319
18	<i>Macaca cyclopis</i>	AF284245	AF284296

19	<i>Macaca ochreata</i>	AF284269	AF284320
20	<i>Macaca nigra</i>	AF284267	AF284318
21	<i>Macaca maura</i>	AF284257	AF284308
22	<i>Macaca nemestrina</i>	AF284238	AF284289
23	<i>Macaca tonkeana</i>	AF284235	AF284286
24	<i>Macaca sylvanus</i>	AF425281	AF284326
25	<i>Papio hamadryas</i>	AF284277	AF284328

Supplementary Table S3 Partition block and evolutionary model of mitochondrial

DNA data set suggested by PartitionFinder

Best partition schemes according to Greedy algorithm, analysed with BIC

Scheme Name: 4

Scheme lnL: -21202.27757

Scheme AIC: 42606.55514

Scheme AICc: 42612.5726634

Scheme BIC: 43229.5149957

Num params: 101

Num sites: 3526

Num subsets: 5

S.N.	Partition	Best model	# of nucleotides	Remarks
1	HVR1	HKY+G	493	
2	HVR2	TrN+G	480	
3	CYTB Codon 1	TrN+G	1140/3	
4	CYTB Codon 2	HKY+G	1140/3	
5	CYTB Codon 3	TrN+G	1140/3	
6	16SrRNA	TrN+G	1412	

Scheme Description in PartitionFinder format

Scheme_4 = (intron1) (intron2) (Gene1_pos1, intron3) (Gene1_pos2) (Gene1_pos3);

RaxML-style partition definitions

DNA, p1 = 1-493

DNA, p2 = 494-974

DNA, p3 = 975-2114\3, 2115-3526

DNA, p4 = 976-2114\3

DNA, p5 = 977-2114\3

Partition block and evolutionary model of Y-chromosomal data set for BI analysis

S.N.	Partition	Best model	# of nucleotides	Remarks
1	SRY	HKY+G	764	
2	TSPY	TrN+G	2203	