

Table S1. Divergence times of artiodactyls in Mya based on the tree in Fig.1 and the LRMD model.

Split	nt		aa	
	age	s.d.	age	s.d.
<i>B. taurus</i> A / <i>B. taurus</i> H	0.082	±0.033	0.226	±0.131
<i>B. taurus</i> A / <i>B. taurus</i> FC3	0.423	±0.083	0.103	±0.101
<i>B. indicus</i> H / <i>B. indicus</i> M	0.197	±0.053	0.155	±0.155
<i>B. taurus</i> H1 / <i>B. indicus</i>	0.648	±0.095	0.647	±0.405
<i>B. taurus</i> / <i>B. indicus</i>	1.997	±0.143	1.695	±0.504
<i>B. taurus</i> + <i>B. indicus</i> / <i>B. grunniens</i>	9.401	±0.503	5.168	±1.114
<i>Bo s/ Bubalus</i>	21.71	±0.609	16.48	±1.927
<i>Ovis</i> / <i>Ammotragus</i>	14.25	±0.623	9.161	±1.635
<i>Capra</i> / <i>Ammotragus</i> + <i>Ovis</i>	15.67	±0.673	12.17	±1.557
<i>Deers</i> / <i>cattle</i> + <i>sheep</i>	31.64	±0.695	30.51	±2.424
<i>Bos</i> + <i>Bubalus</i> / <i>Ovis</i> + <i>Capra</i> + <i>Ammotragu</i> (cal)	28.00	±0.001	21.90	±1.846
<i>Ruminatia</i> / <i>Cetacea</i> (cal)	60.00	±0.001	60.00	±0.000
<i>Physeter macrocephalus</i> / <i>Balaenoptera musculus</i> (cal)	30.00	±0.001	30.00	±0.001
<i>Cetacea</i> / <i>Hippopotamus</i> (cal)	52.11	±0.001	54.00	±0.001
<i>Cervus nippon taiouanus</i> / <i>Cervus elaphus</i>	6.357	±0.439	5.430	±0.814
<i>Rangifer tarandus</i> / <i>Cervus</i> + <i>Elaphodus</i> + <i>Muntiacs</i>	20.26	±0.873	(9.392)±1.029	
<i>Cervus</i> / <i>Elaphodus</i> + <i>Muntiacus</i>	17.23	±0.870	(11.20)±1.186	
<i>Elaphodus</i> / <i>Muntiacus</i>	15.43	±0.842	n.d.	± n.d.

Table S1 (continued)

<i>M. reevesi</i> / <i>M. muntjak</i> + <i>M. muntjak</i>	6.977 ±0.482	6.658 ±0.941
<i>M. muntjak</i> / <i>M. crinifrons</i>	5.039 ±0.400	3.969 ±0.756
Sus / all other	70.97 ±1.452	64.75 ±3.896
<i>S. scrofa</i> SWE landrace-1 / <i>S. scrofa</i> SWE wild boar	0.403 ±0.477	0.183 ±0.138
<i>S. scrofa</i> SWE landrace-1 + <i>S. scrofa</i> SWE wild boar/ <i>Sus</i>	2.248 ±0.550	(2.091)±0.498
<i>S. scrofa</i> Italian wild boar / remaining <i>S. scrofa</i>	1.979 ±0.478	(1.224)±0.365
<i>S. scrofa</i> Chinese Meishan / <i>S. scrofa</i> SWE landrace-2)	0.315 ±0.112	0.627 ±0.415

Note – (cal) = calibration point. SWE = Swedish. / indicates the split. Values are shown in brackets, when the aa tree topology differs above that node. No values are given (n.d.), when the node has been differently recovered by the aa analysis.