

Table 1
Fossil Calibration Dates Used in this Study (Myr)

Divergence	Maximal Date	Minimal Date	Reference
Monotrema/Theria	191.1	162.5	Benton and Donoghue (2007)
Didelphimorphia/Australidelphian	71.2	61.5	Benton and Donoghue (2007)
Diprotodontian/Dasyuromorphia	74	54	Drummond et al. (2006)
<i>Phascogale/Dasyurus</i>	10	24	Drummond et al. (2006)
<i>Bradypus/Dasytus</i>	Free	58	Delsuc et al. (2004)
Feliformia/Caniformia	63.8	42.8	Benton and Donoghue (2007)
<i>Equus/Rhinoceros</i>	58	54	Springer et al. (2003)
<i>Hippopotamus/Cetacea</i>	Free	52	Springer et al. (2003)
Pteropodidae/Rhinolophidae	60	43	Springer et al. (2003)
Soridae/Erinaceidae	Free	63	Springer et al. (2003)
<i>Bos/Sus</i>	65	48	Springer et al. (2003)
<i>Bos/Cervus</i>	23.8	16.4	Hassanin and Douzery (2003)
<i>Pan/Homo</i>	10	6.5	Benton and Donoghue (2007)
<i>Macaca/Homo</i>	33.9	23	Benton and Donoghue (2007)
Primates/Rodentia	100.5	61.5	Benton and Donoghue (2007)
<i>Apodemus sylvaticus/Apodemus mystacinus</i>	Free	7	Michaux et al. (2002)
<i>Gerbillus/Gerbilliscus</i>	9	7	Neumann et al. (2006)
<i>Xerus/Sciurus</i>	Free	36	Mercer and Roth (2003)
<i>Cavia/Octodon</i>	31	Free	Huchon and Douzery (2001)
<i>Mus/Rattus</i>	12.3	10	Benton and Donoghue (2007)
<i>Bolomys/Akodon</i>	5.3	3.5	Smith and Patton (1991)
<i>Neofiber/Ondatra</i>	4.3	2.2	Repenning (2001)

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