|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Crown node** | **Single-clock tree**(mean and 95% HPD) | **Multi-Clock tree**(mean and 95% HPD) | **Genomic estimate** [ref 9: Fig. S1] | **Fossil-based dating** [Ref 6: Tab. 1] |
| Mammals | 195.62(177.36-215.12) | 204.05(192.46-214.6) | ~173 | 166.2 |
| Monotremes | 44.78(14.41-68.74) | 60.84(40.26-75.46) | ~56 | 20 |
| Marsupials | 56.61(40.21-80.56) | 44.9(32.1-61.59) | ~76 | 64.85 |
| Placentals | 127.71(114.3-143.64) | 164.85(154.42, 177.16) | ~89 | 64.85 |
| Afrotheria | 102.05(87.56-116.34) | 149.75(140.92- 163.31) | ~70 | 64.85 |
| Xenarthra | 84.78(68.56-106.89) | 125.86(103.89-146.76) | ~69 | 58.3 |
| Euarchontoglires | 115.08(103.94-131.71) | 149.41(137.39-163.86) | ~76 | 64.85 |
| Laurasiatheria | 117.06(103.19-134.89) | 157.58(147.83-166.51) | ~76 | 64.85 |

**File\_C12**. Comparison of divergence dates obtained from the single-clock and multi-clock analyses, and two previous studies [6,9]. Numerical dates were not published in [9] so approximate dates were retrieved from a detailed time-tree (Figure S1) and are thus shown as estimated (e.g. ~56).