**Supplementary File 4**. Table: Dataset properties, numbers of generations used and standard deviations (SD) of split frequencies achieved during Bayesian inference of ancestral sequences.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Ancestor** | **Number of sequences in alignment** | **Alignment File** | **Independent run** | **Number of generations** | **SD of split frequencies** |
| A0 | 252 | SI File S1 | 12 | 20.1M42.4M | 0.0370.023 |
| A1 | 252 | SI File S1 | 12 | 19.7M27.4M | 0.0090.007 |
| A2 | 346 | SI File S2 | 123 | 31.6M33.8M41.3M | 0.0240.0200.018 |
| A3 | 346 | SI File S2 | 12 | 29.7M37.4M | 0.0200.015 |
| A4 | 321 | SI File S3 | 12 | 44.6M30.6M | 0.0380.064 |
| A5 | 346 | SI File S2 | 123 | 19.3M28.5M35.7M | 0.0280.0170.014 |
| A6 | 346 | SI File S2 | 12 | 14.2M32.1M | 0.0470.019 |