**Table S2:** Rates of evolution (nucleotide substitution rate per year) for significant clades and lineages

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| --- | --- | --- |
| **Lineage** | **n** | **Rate** **substitutions/ site/ year (95% HPD)** |
| RABV (South and Central America) | 183 | 6.11E-4 (3.56E-4 - 8.85E-4) |
| Canine variant  | 32 | 5.89E-4 (1.50E-4 - 1.05E-3) |
| Bat variant  | 151 | 6.33E-4 (2.22E-4 - 1.16E-3) |
| Trinidad I | 12 | 5.24E-4 (1.66E-4 - 9.44E-4) |
| Trinidad IIa | 2 | 5.62E-4 (1.94E-4 - 9.91E-4) |
| Trinidad IIb | 23 | 6.24E-4 (2.08E-4 - 1.16E-3) |
| Group I (*Myotis* spp) | 5 | 5.97E-4 (2.32E-4 - 1.08E-3) |
| Group II(*Lasiurus, Molossus* spp) | 4 | 7.41E-4 (2.66E-4 - 1.37E-3) |
| Group III (*Tadarida braziliensis* spp) | 4 | 4.35E-4 (1.81E-4 - 7.29E-4) |
| Group IV (*Desmodus rotundus*) | 138 | 8.16E-4 (2.87E-4 - 1.53E-3) |