

S2 Table. Best-fit models for protein-coding and non-protein-coding partitions for various gelada populations as obtained from jModeltest for the Bayesian skyline plots (BSPs)

| population/clade | protein-coding partition | non-protein-coding partition |
|------------------|--------------------------|------------------------------|
| global | HKY + I | HKY + I + G |
| central | HKY | HKY + I |
| central-1 | HKY | HKY + I |
| central-2 | F81 | F81 |
| north | HKY + I | HKY + I |
| north-1 | HKY | HKY + I |
| north-2 | HKY | F81 |
| south | F81 | F81 |