

| Model | #Param | BIC | AICc | lnL | Invariant | Gamma | R | Freq A | Freq T | Freq C | Freq G |
|----------|--------|--------|--------|---------|-----------|-------|-----|--------|--------|--------|--------|
| T92+I | 66 | 4445.9 | 3963.5 | -1915.4 | 0.3 | n/a | 1.4 | 0.33 | 0.33 | 0.17 | 0.17 |
| T92+G+I | 67 | 4448.4 | 3958.8 | -1912.0 | 0.0 | 0.7 | 1.5 | 0.33 | 0.33 | 0.17 | 0.17 |
| T92+G | 66 | 4450.0 | 3967.6 | -1917.4 | n/a | 1.6 | 1.3 | 0.33 | 0.33 | 0.17 | 0.17 |
| HKY+I | 68 | 4454.3 | 3957.3 | -1910.2 | 0.3 | n/a | 1.4 | 0.30 | 0.36 | 0.15 | 0.20 |
| HKY+G+I | 69 | 4455.9 | 3951.7 | -1906.4 | 0.0 | 0.7 | 1.5 | 0.30 | 0.36 | 0.15 | 0.20 |
| HKY+G | 68 | 4456.8 | 3959.9 | -1911.5 | n/a | 1.6 | 1.3 | 0.30 | 0.36 | 0.15 | 0.20 |
| TN93+I | 69 | 4459.3 | 3955.1 | -1908.1 | 0.3 | n/a | 1.4 | 0.30 | 0.36 | 0.15 | 0.20 |
| TN93+G+I | 70 | 4462.1 | 3950.6 | -1904.9 | 0.0 | 0.7 | 1.5 | 0.30 | 0.36 | 0.15 | 0.20 |
| TN93+G | 69 | 4463.0 | 3958.8 | -1910.0 | n/a | 1.6 | 1.3 | 0.30 | 0.36 | 0.15 | 0.20 |
| GTR+G+I | 73 | 4463.1 | 3929.7 | -1891.3 | 0.0 | 0.7 | 1.5 | 0.30 | 0.36 | 0.15 | 0.20 |
| GTR+G | 72 | 4465.1 | 3939.0 | -1897.0 | n/a | 1.6 | 1.3 | 0.30 | 0.36 | 0.15 | 0.20 |
| GTR+I | 72 | 4468.8 | 3942.6 | -1898.8 | 0.3 | n/a | 1.4 | 0.30 | 0.36 | 0.15 | 0.20 |
| T92 | 65 | 4491.1 | 4016.1 | -1942.6 | n/a | n/a | 1.2 | 0.33 | 0.33 | 0.17 | 0.17 |
| HKY | 67 | 4496.8 | 4007.2 | -1936.2 | n/a | n/a | 1.2 | 0.30 | 0.36 | 0.15 | 0.20 |
| GTR | 71 | 4502.8 | 3984.0 | -1920.5 | n/a | n/a | 1.1 | 0.30 | 0.36 | 0.15 | 0.20 |
| TN93 | 68 | 4503.2 | 4006.2 | -1934.7 | n/a | n/a | 1.2 | 0.30 | 0.36 | 0.15 | 0.20 |
| K2+G | 65 | 4510.7 | 4035.6 | -1952.4 | n/a | 0.9 | 1.4 | 0.25 | 0.25 | 0.25 | 0.25 |
| K2+G+I | 66 | 4520.0 | 4037.7 | -1952.4 | 0.0 | 0.9 | 1.4 | 0.25 | 0.25 | 0.25 | 0.25 |
| K2+I | 65 | 4520.4 | 4045.4 | -1957.3 | 0.3 | n/a | 1.3 | 0.25 | 0.25 | 0.25 | 0.25 |
| K2 | 64 | 4545.9 | 4078.2 | -1974.7 | n/a | n/a | 1.2 | 0.25 | 0.25 | 0.25 | 0.25 |
| JC+G | 64 | 4554.2 | 4086.5 | -1978.9 | n/a | 0.9 | 0.5 | 0.25 | 0.25 | 0.25 | 0.25 |
| JC+I | 64 | 4562.1 | 4094.4 | -1982.8 | 0.3 | n/a | 0.5 | 0.25 | 0.25 | 0.25 | 0.25 |
| JC+G+I | 65 | 4563.5 | 4088.5 | -1978.9 | 0.0 | 0.9 | 0.5 | 0.25 | 0.25 | 0.25 | 0.25 |
| JC | 63 | 4585.5 | 4125.0 | -1999.1 | n/a | n/a | 0.5 | 0.25 | 0.25 | 0.25 | 0.25 |