

Table S5. Demographic and selection parameter estimates for pCNEs and dCNEs using putatively neutrally evolving standard sequences offset from the CNEs by 200, 500 and 1000bp. Estimates are obtained for non-CpG-prone sites only using rat as an outgroup.

| Site Class | Neutral reference offset (bp) | N_2/N_1 | t_2/N_1 | $N_e s$ | β | α (rat) | ω_a (rat) |
|-------------------|--------------------------------------|-----------------------------|-----------------------------|---------------------------|---------------------------|----------------------------------|------------------------------------|
| dCNE | 200 | 3.07 | 1.55 | -39.9 | 0.153 | 0.150 | 0.0742 |
| dCNE | 500 | 2.79 | 1.55 | -30.8 | 0.194 | 0.204 | 0.0937 |
| dCNE | 1000 | 2.79 | 1.77 | -32.2 | 0.204 | 0.230 | 0.104 |
| pCNE | 200 | 2.79 | 1.33 | -103 | 0.101 | 0.139 | 0.0796 |
| pCNE | 500 | 2.79 | 1.76 | -81.4 | 0.120 | 0.177 | 0.0968 |
| pCNE | 1000 | 2.79 | 1.88 | -77.6 | 0.126 | 0.184 | 0.0991 |