

Species	Mutation Rate	$N_e$	Mutation Rate Citation	$N_e$ Citation	Category
Human	1.20E-08	1.00E+04	Jónsson et al. 2017	Keinan and Clark 2012	Primate
Chimp	1.27E-08	1.10E+04	Besenbacher et al. 2019	Prado-Martinez et al. 213	Primate
Orangutan	1.66E-08	2.68E+04	Besenbacher et al. 2019	Prado-Martinez et al. 213	Primate
Green Monkey	9.40E-09	1.20E+04	Pfeifer 2017a	Pfeifer 2017b	Primate
Macaque	7.30E-09	7.99E+04	Bergeron et al. 2020	Xue et al. 2017	Primate
Mouse Lemur	1.64E-08	4.10E+04	Campbell et al. 2020	Campbell et al. 2020	Primate
Wolf	4.50E-09	9.62E+03	Koch et al. 2019	Silva et al. 2020	Non-Primate Mammal
Mouse	5.40E-09	7.50E+04	Uchimara et al. 2015	Phifer-Rixley et al. 2012	Non-Primate Mammal
Platypus	7.00E-09	2.00E+04	Martin et al. 2018	Martin et al. 2018	Non-Primate Mammal
Cow	9.70E-09	3.70E+04	Harland et al. 2017	Li and Kim 2015	Non-Primate Mammal
Flycatcher	4.60E-09	3.00E+05	Smeds et al. 2016	Nadachowska-Brzyska 2016	Bird
Herring	2.00E-09	4.00E+05	Feng et al. 2017	Feng et al. 2017	Fish
Bee	6.80E-09	4.73E+05	Yang et al. 2015	Yang et al. 2015	Insect
Butterfly	2.90E-09	2.00E+06	Keightley et al. 2015	Keightley et al. 2015	Insect
Fly	2.80E-09	1.40E+06	Keightley et al. 2014	Keightley et al. 2014	Insect

**Table 1: Pedigree-based estimates of the *de novo* mutation rate with reference to effective population size ( $N_e$ ). Data are illustrated in Figure 2.**