

Allele age (generations)

T>C/T>G

T>C/T>G at nonTpG

T>C (TpG/nonTpG)

Population

CEU
CHB
YRI

(66500,3e+06]

(42100,66500]

(28600,42100]

(19900,28600]

(13700,19900]

(9040,13700]

(5520,9040]

(3130,5520]

(1720,3130]

(860,1720]

(425,860]

(233,425]

(124,233]

(55,124]

(0,55]

DNM 2019

4.0

4.2

4.4

4.6

4.0

4.1

4.2

4.3

4.4

0.35

0.40

0.45

0.50

0.55

0.60

Mutation Ratios