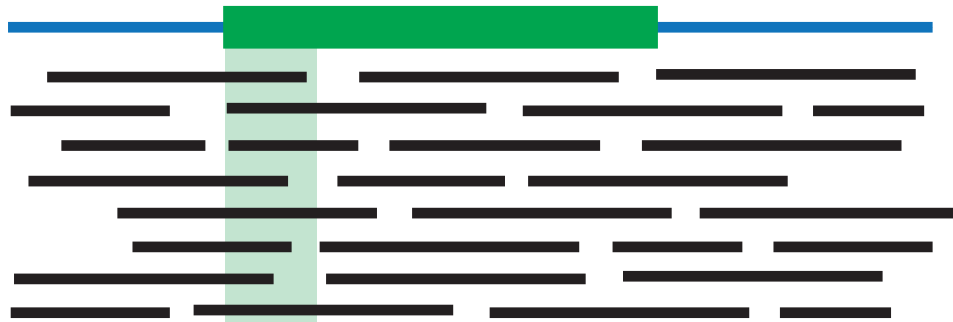


Gene



Position quality > 20
Mapping quality > 30

ATG ACG TAC GTA CGT CGG ATC

All sites

333 330 330 330 330 230 331

Nonsynonymous

000 003 003 003 003 103 002

Synonymous

ATG ACG TAC GTA CGC CGG ATC

GTA CGT CGG ATC

ATG ACG TAC GTA CGT CGC ATC

ATG ACG TAC GTA CGC CGG ATC

ATG ACG TAC GTA CGT CGG ATC

ATG ACG AAC GTA CGT CGC ATC

ATG ACG AAC GTA CGT CGG ATC

Changes

000 000 100 000 000 000 000

1 Nonsynonymous

000 000 000 000 001 001 000

2 Synonymous

$$\frac{dN}{dS} = \frac{1/45}{2/18} = 0.20$$