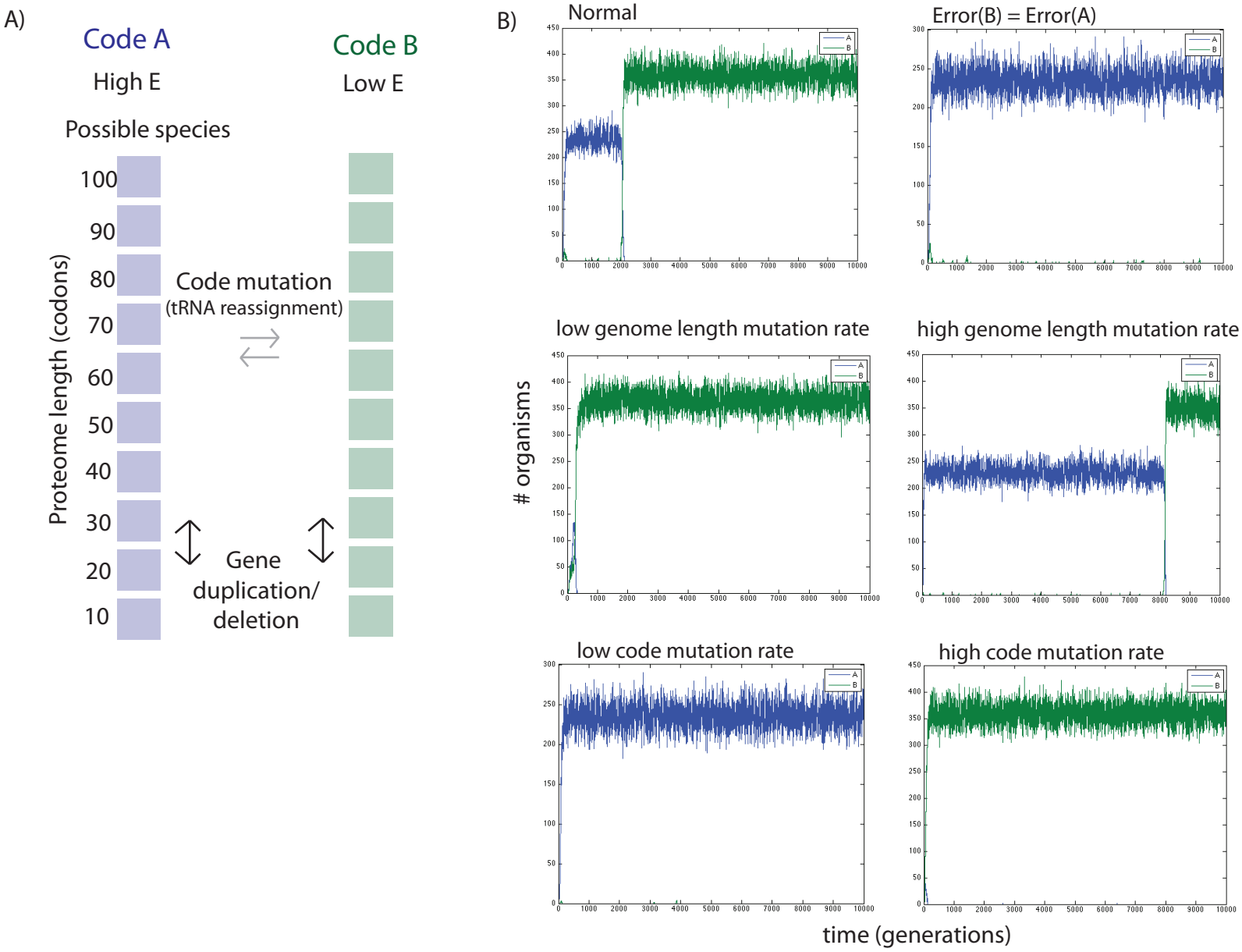
A)
Code A
High E
Code B
Low E
Possible species
Proteome length (codons)
100
90
80
70
60
50
40
30
20
10
Code mutation
(tRNA reassignment)
Gene
duplication/
deletion
B)
Normal
Error(B) = Error(A)
low genome length mutation rate
high genome length mutation rate
low code mutation rate
high code mutation rate
organisms
time (generations)
A
B