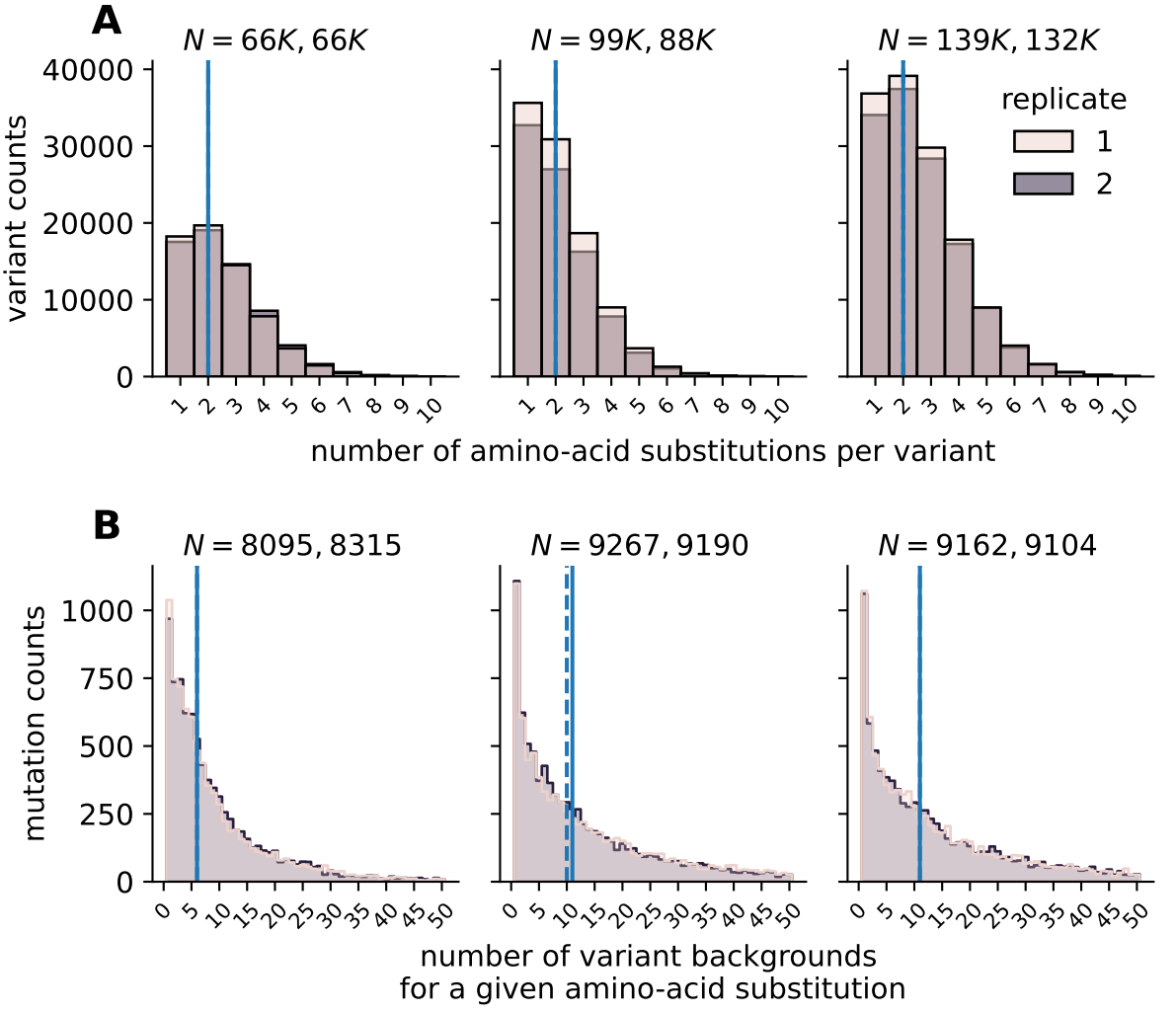
A
N = 66K, 66K
N = 99K, 88K
N = 139K, 132K
variant counts
40000
30000
20000
10000
0
replicate
1
2
1 2 3 4 5 6 7 8 9 10
number of amino-acid substitutions per variant
B
N = 8095, 8315
N = 9267, 9190
N = 9162, 9104
mutation counts
1000
750
500
250
0
0 5 10 15 20 25 30 35 40 45 50
number of variant backgrounds
for a given amino-acid substitution