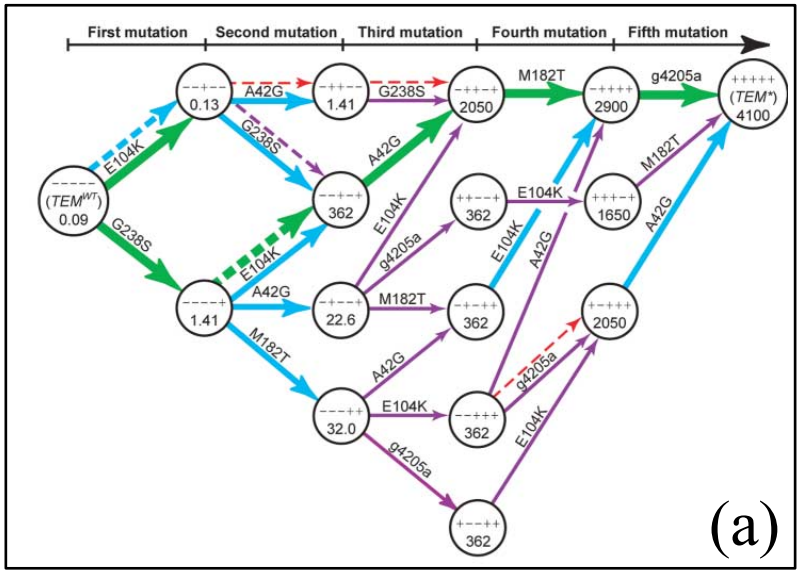
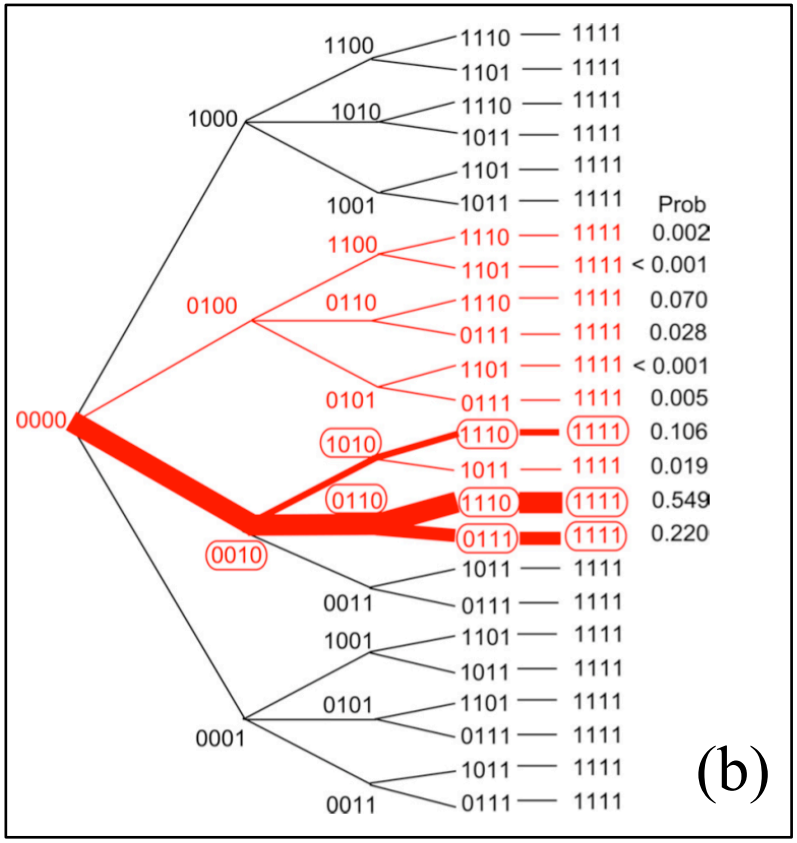
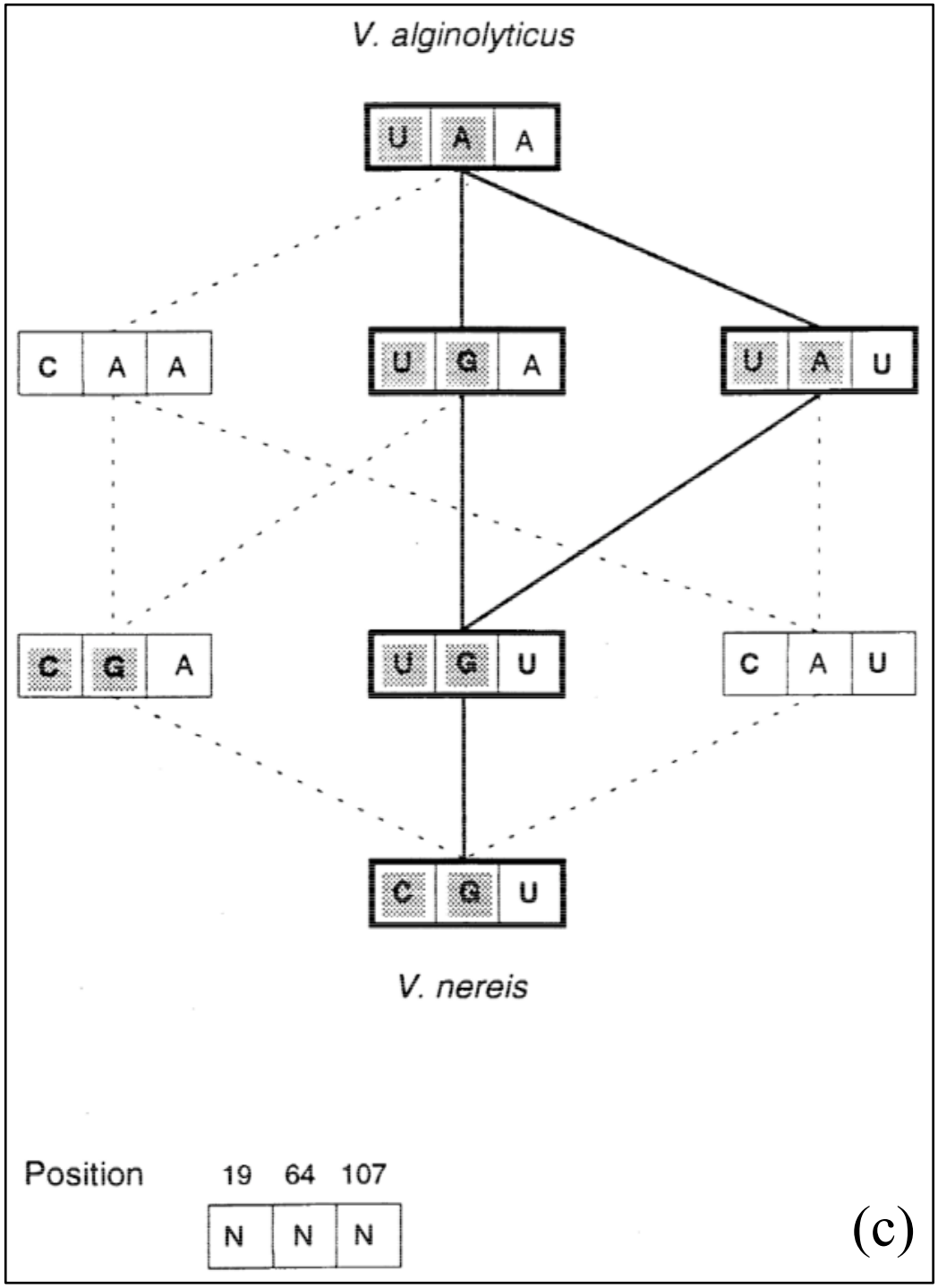

First mutation
Second mutation
Third mutation
Fourth mutation
Fifth mutation
(TEM^WT)
0.09
0.13
1.41
2050
2900
(TEM*)
4100
362
1650
22.6
32.0
E104K
G238S
A42G
M182T
g4205a
(a)


1000
1100
1010
1001
0100
0110
0101
0010
0000
0001
0011
1110
1101
1011
1111
0111
Prob
0.002
< 0.001
0.070
0.028
< 0.001
0.005
0.106
0.019
0.549
0.220
(b)


V. alginolyticus
U A A
C A A
U G A
U A U
C G A
U G U
C A U
C G U
V. nereis
Position
19 64 107
N N N
(c)