

Competitor  
virus clones

Virus clones in the  
evolved population

a)

$Q\beta_{wt}$  +  $Q\beta_{A1746U + U3989C}$



*5 transfers*

- AZC

*5 transfers*

+ AZC

$Q\beta_{wt}$



$Q\beta_{A1746U + U3989C}$



b)

$Q\beta_{A1746U}$  +  $Q\beta_{A1746U + U3989C}$



*10 transfers*

- AZC

*10 transfers*

+ AZC

$Q\beta_{A1746U}$  +  $Q\beta_{A1746U + U3989C}$



$Q\beta_{A1746U}$  +  $Q\beta_{A1746U + U3989C}$

