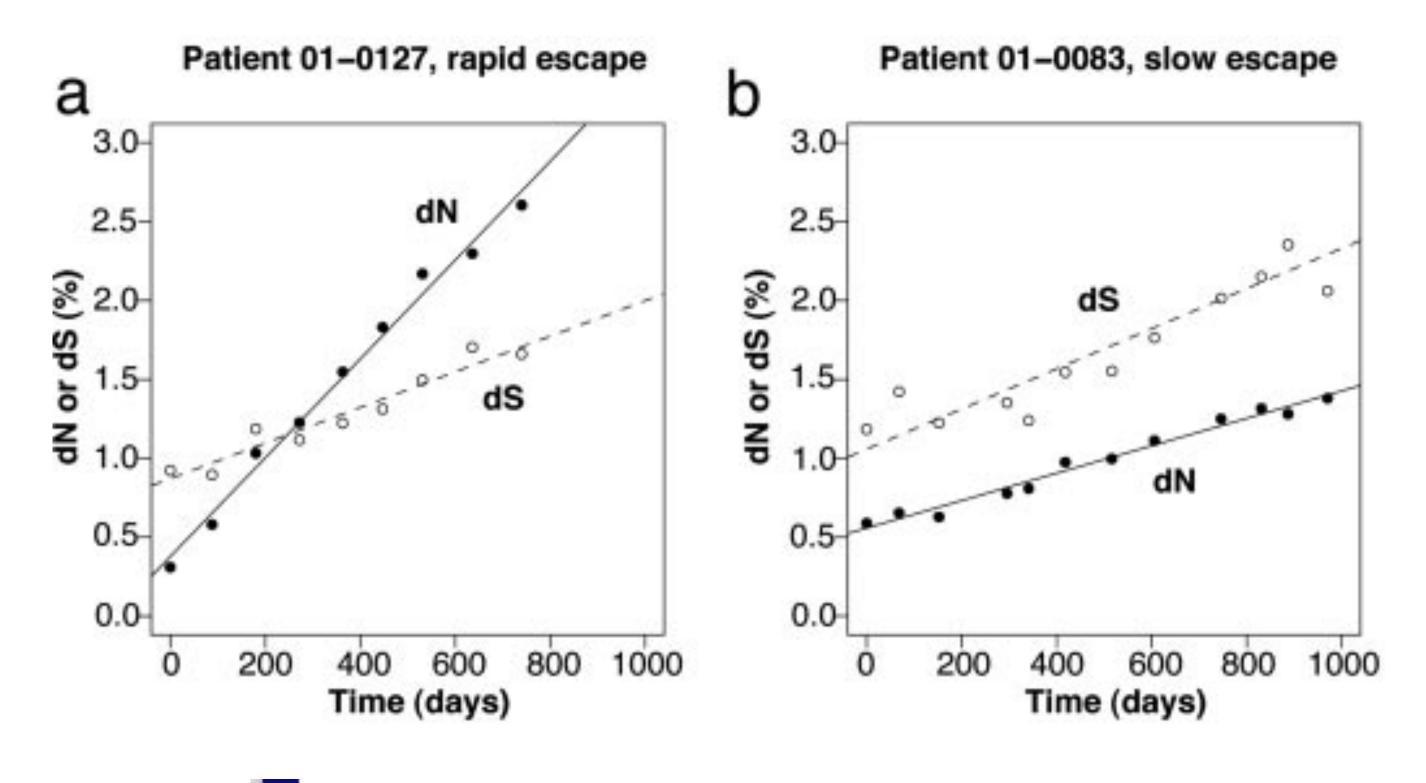
## An example of mean dN/dS utility

## a 12-C regions V regions gp120 10 8 Sp/Np 6 Rate of escape

Slow (S) and Rapid (R)

## The extent of immune selection pressure drives intra-host evolution in HIV-1



Neutralizing antibody responses drive the evolution of human immunodeficiency virus type 1 envelope during recent HIV infection

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## But upon closer look, this pattern is highly variable both across a gene and through time.

