

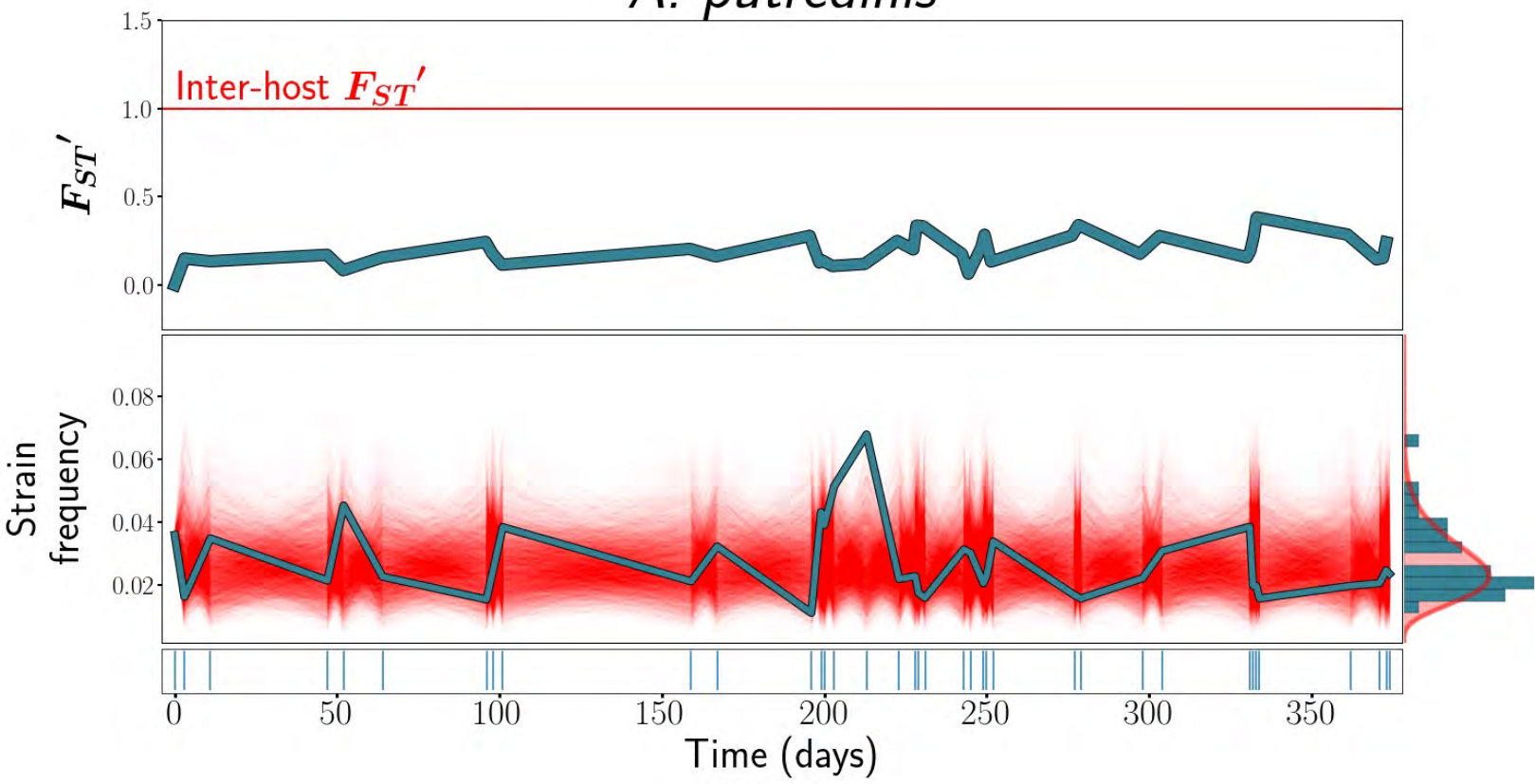
# S4 Text

$F_{ST}$ , strain frequency, and strain abundance dynamics plots for all species analyzed, for host *an*. These plots are analogous to Main Text Figure 1. When only a single strain was detected, only  $F_{ST}$  and strain abundance dynamics plots, but no strain frequency plot, is included.

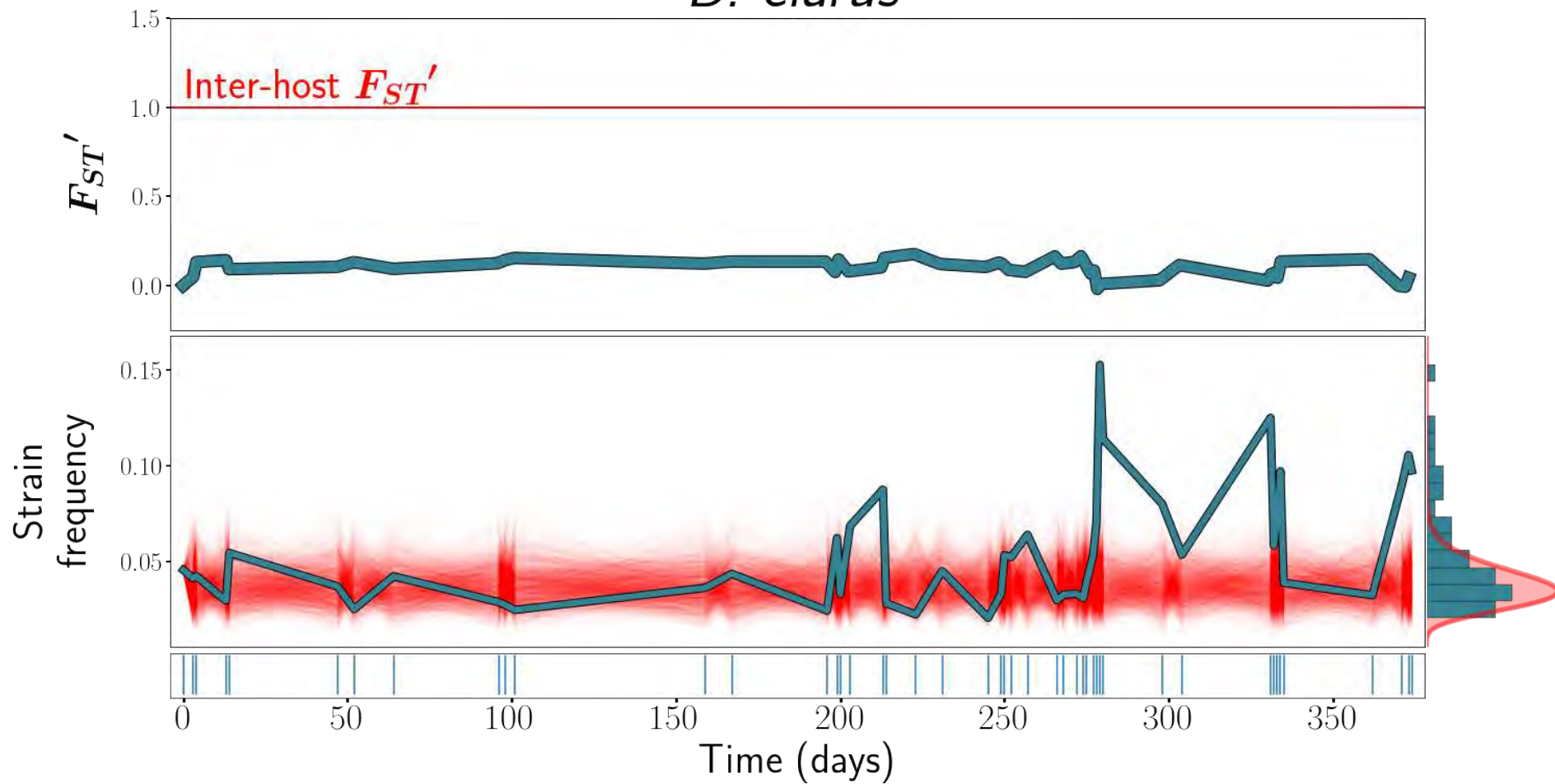
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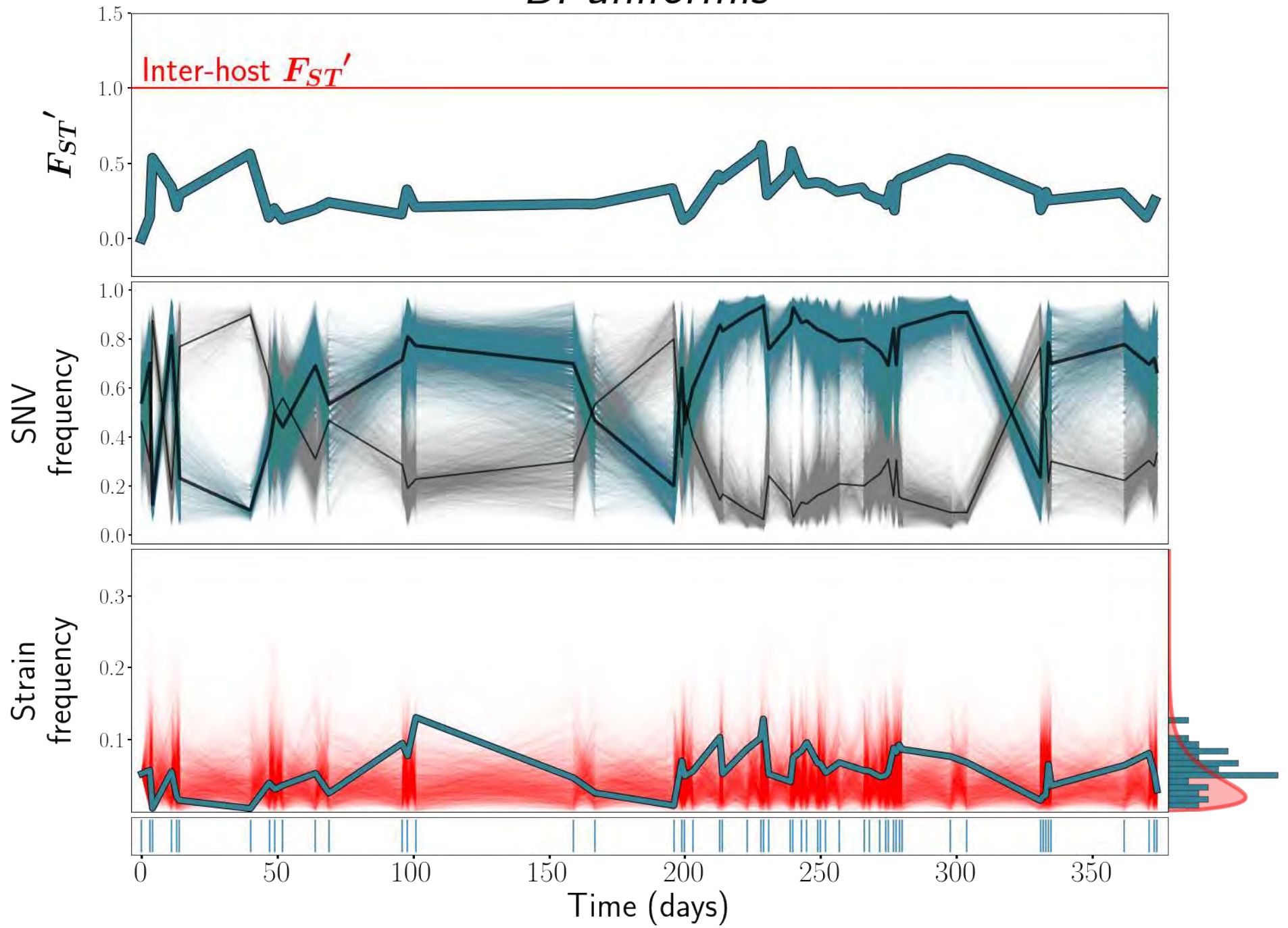
*A. putredinis*



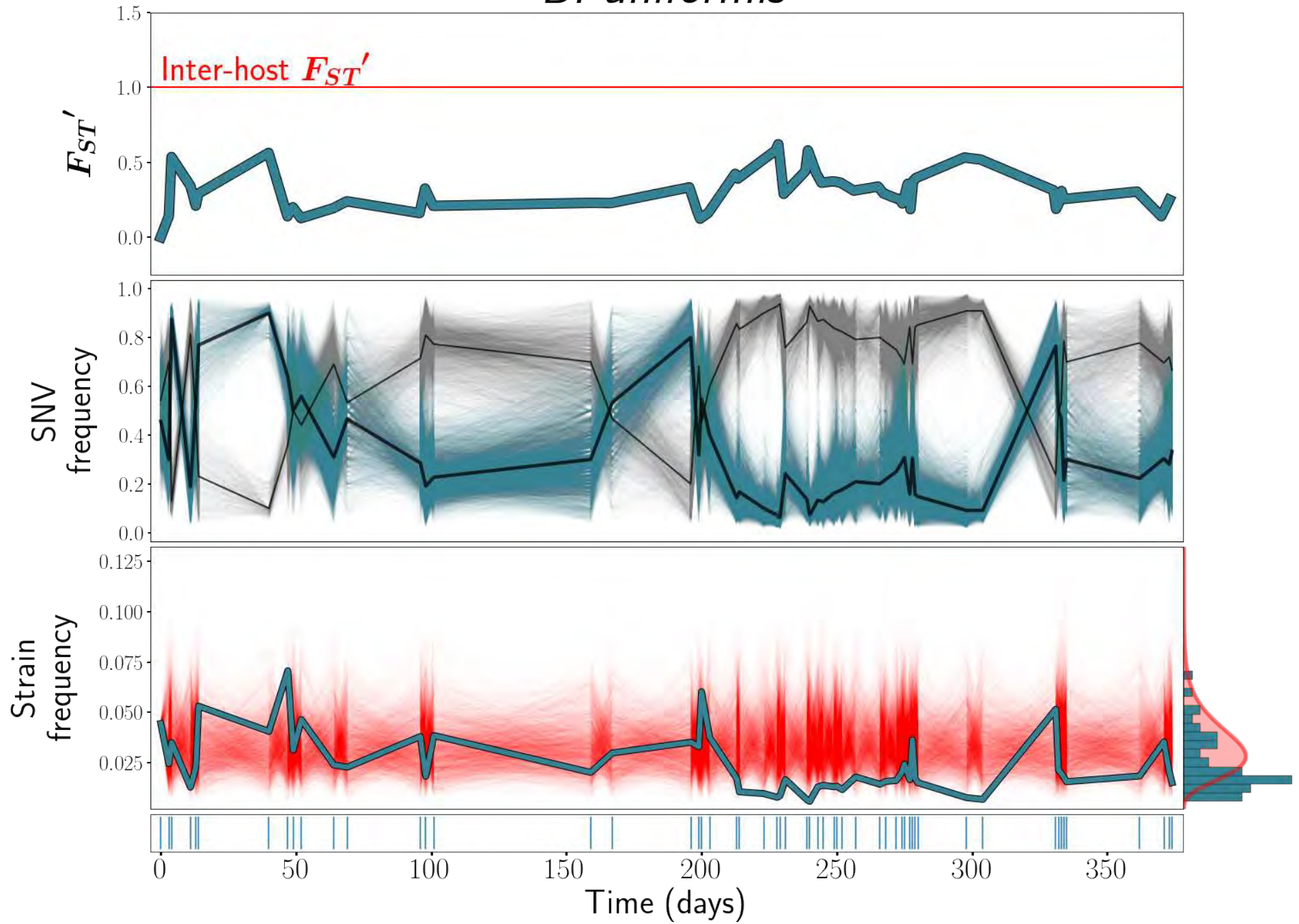
*B. clarus*



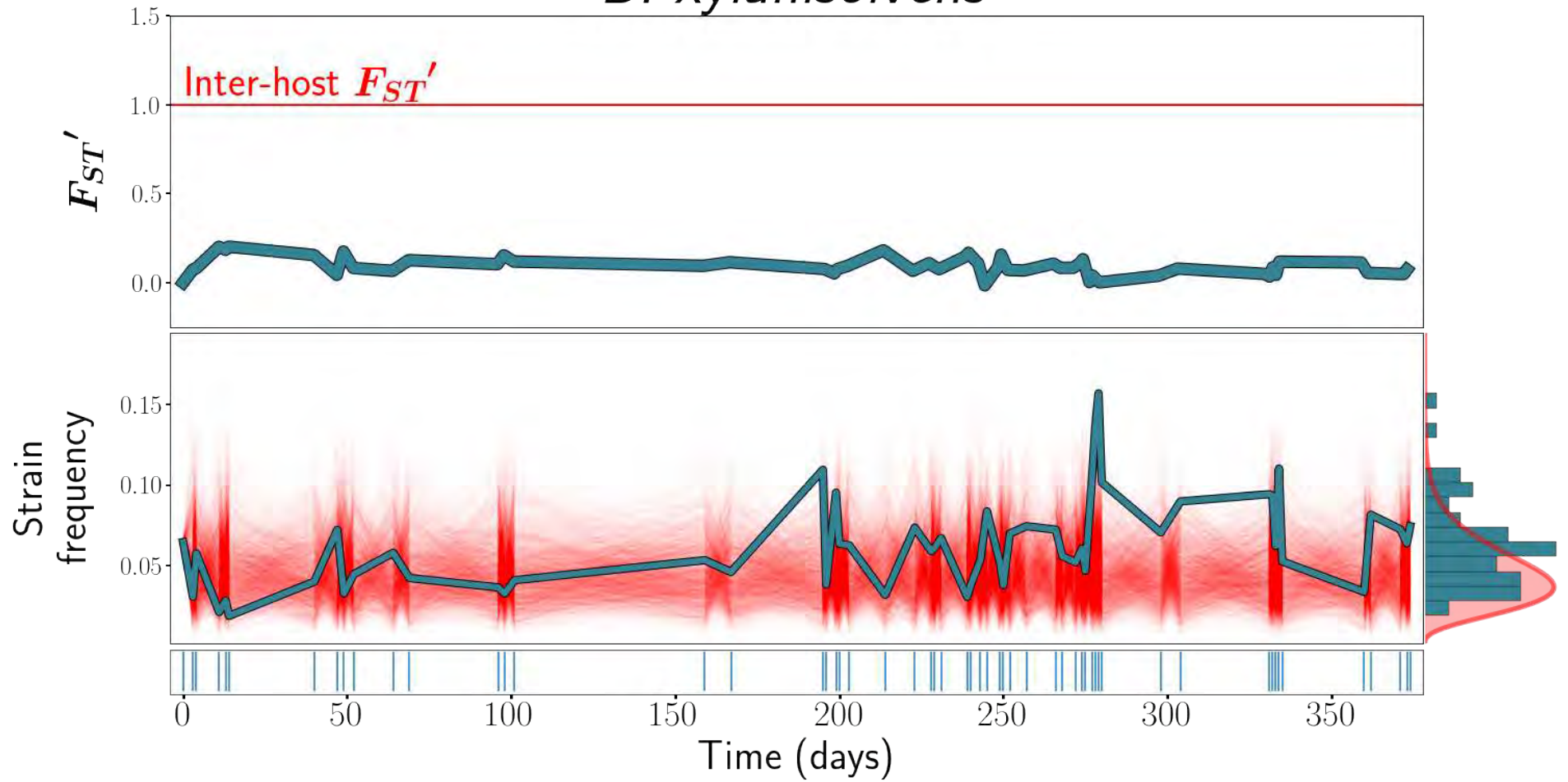
*B. uniformis*



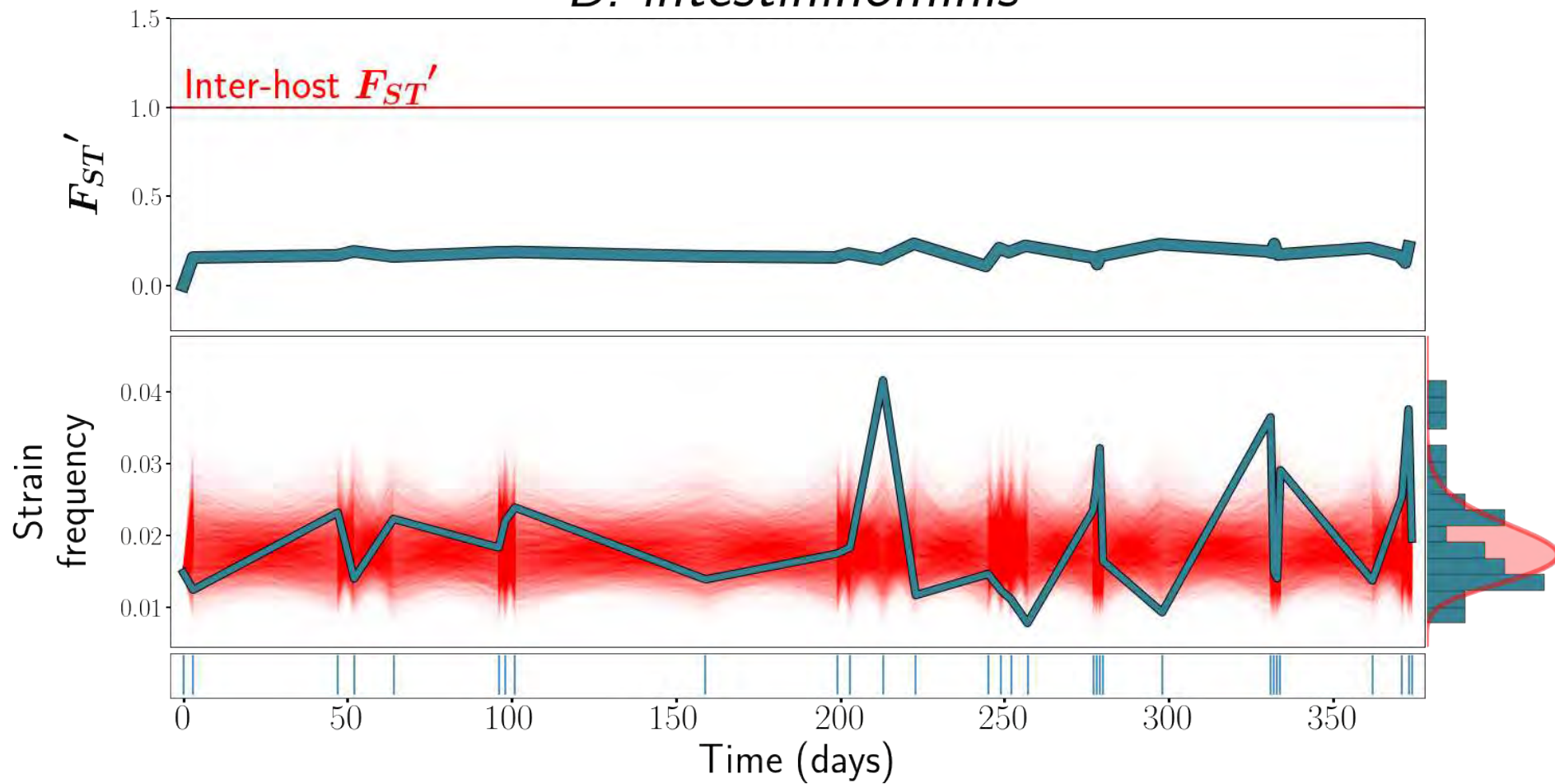
*B. uniformis*



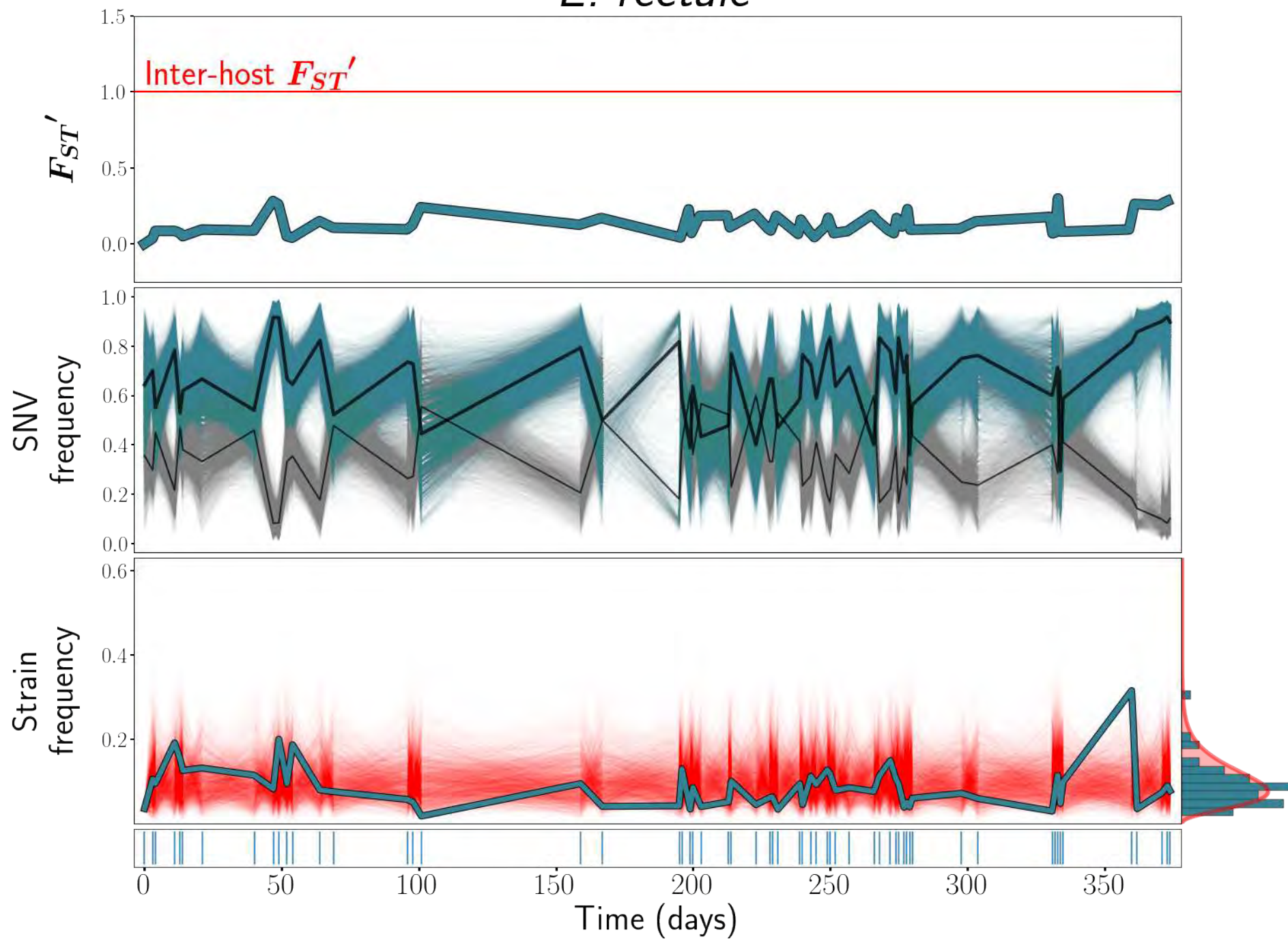
*B. xylanisolvens*



*B. intestinihominis*

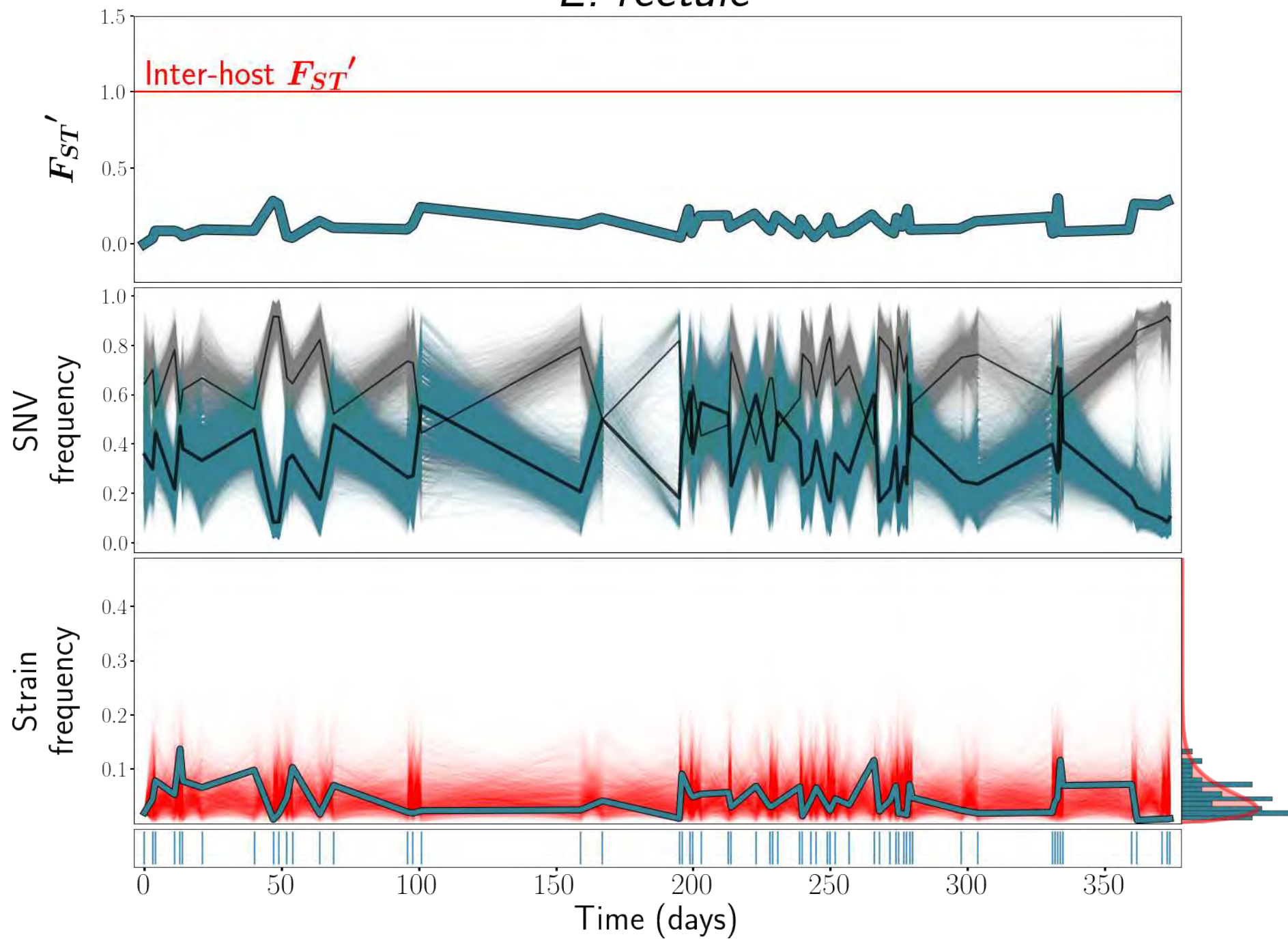


# *E. rectale*

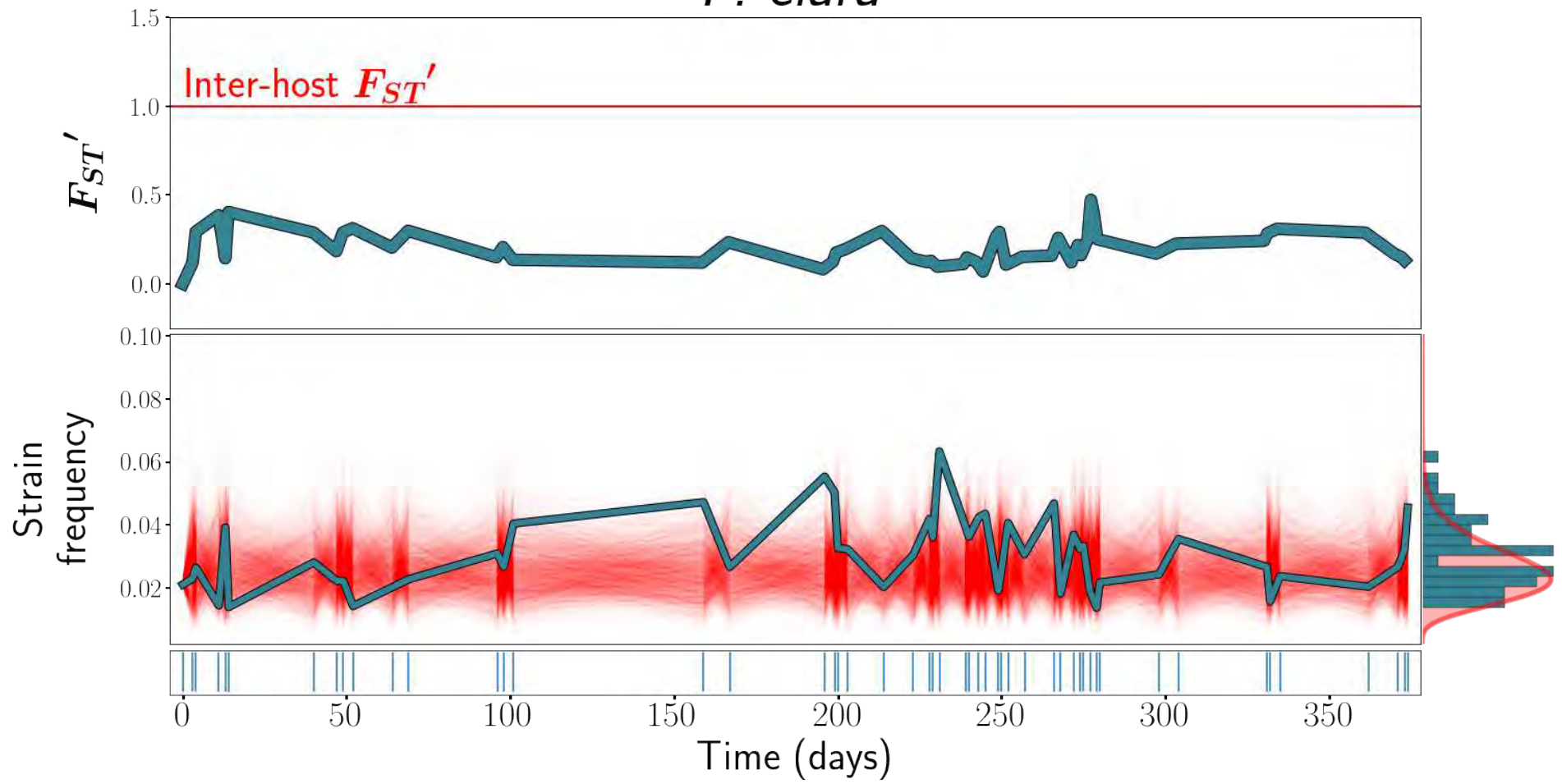




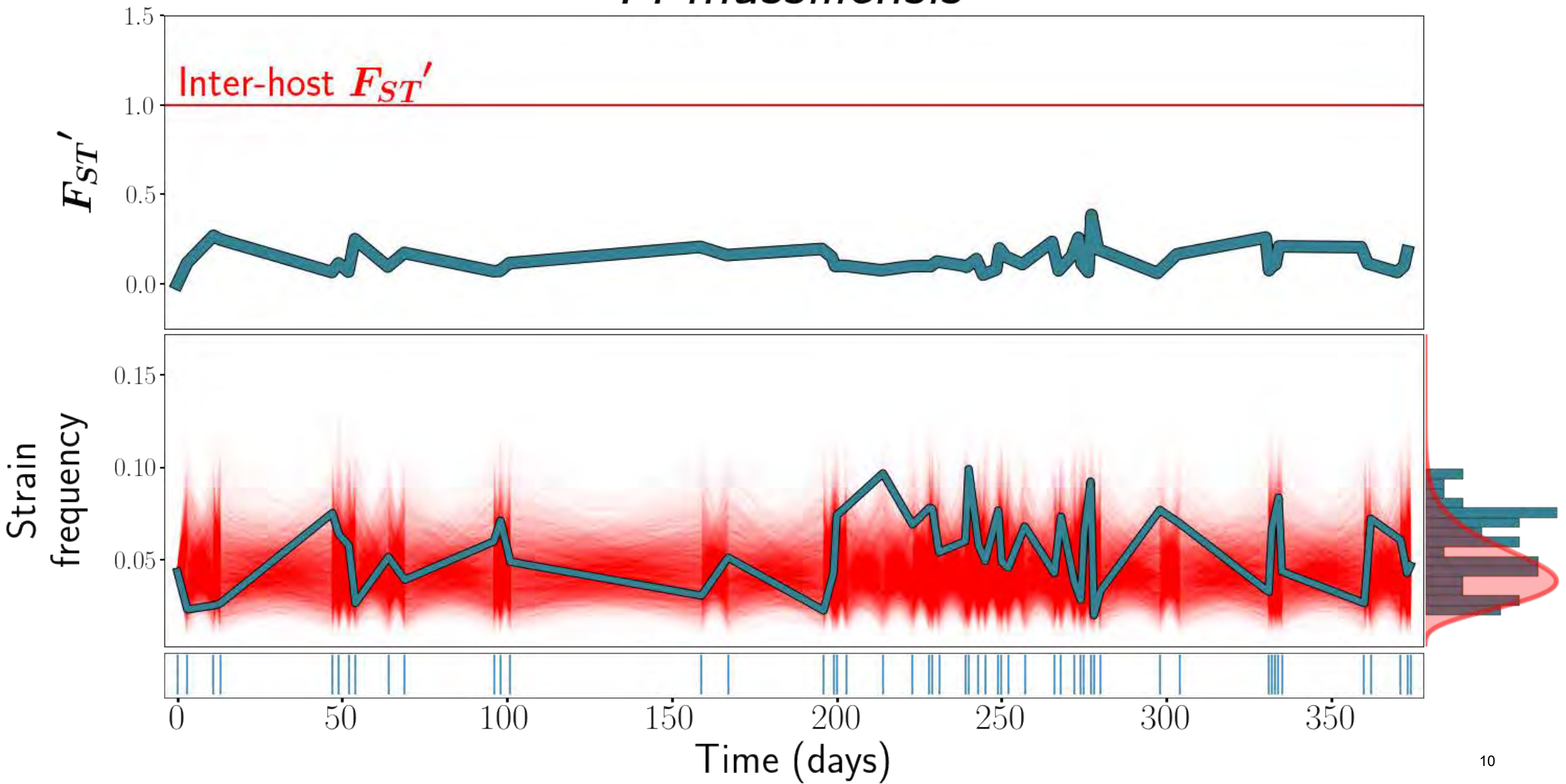
# *E. rectale*



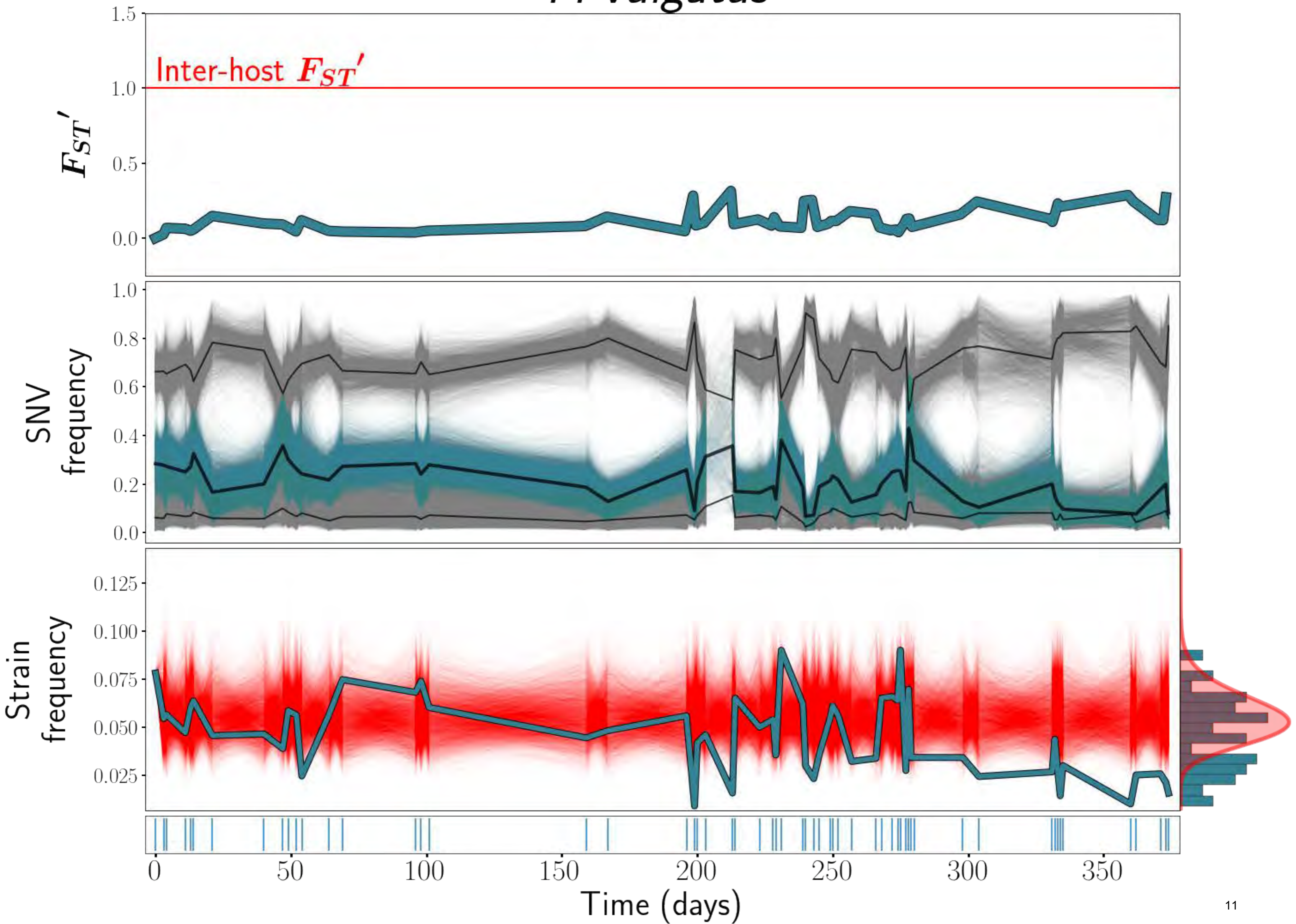
*P. clara*



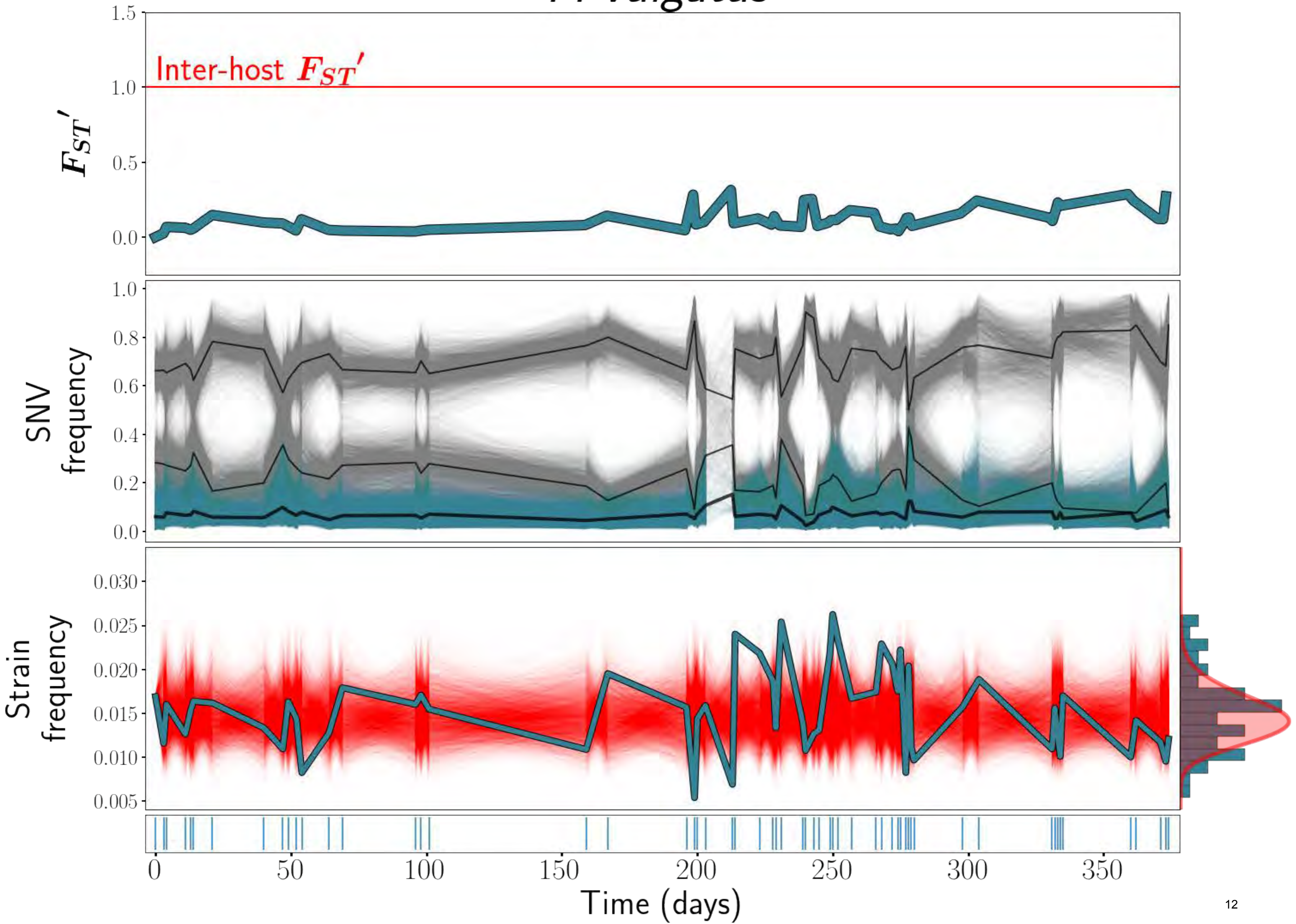
# *P. massiliensis*



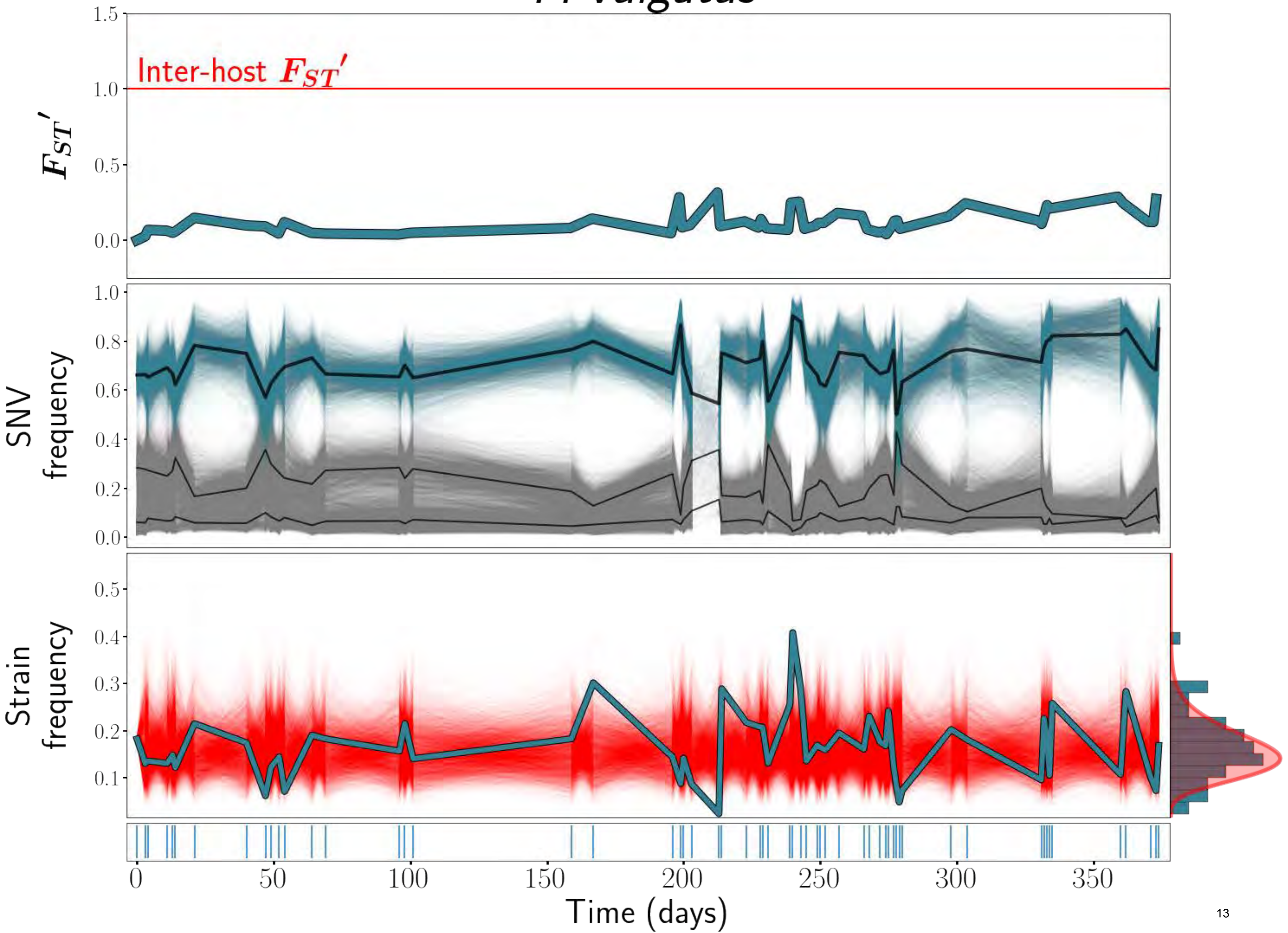
# *P. vulgatus*



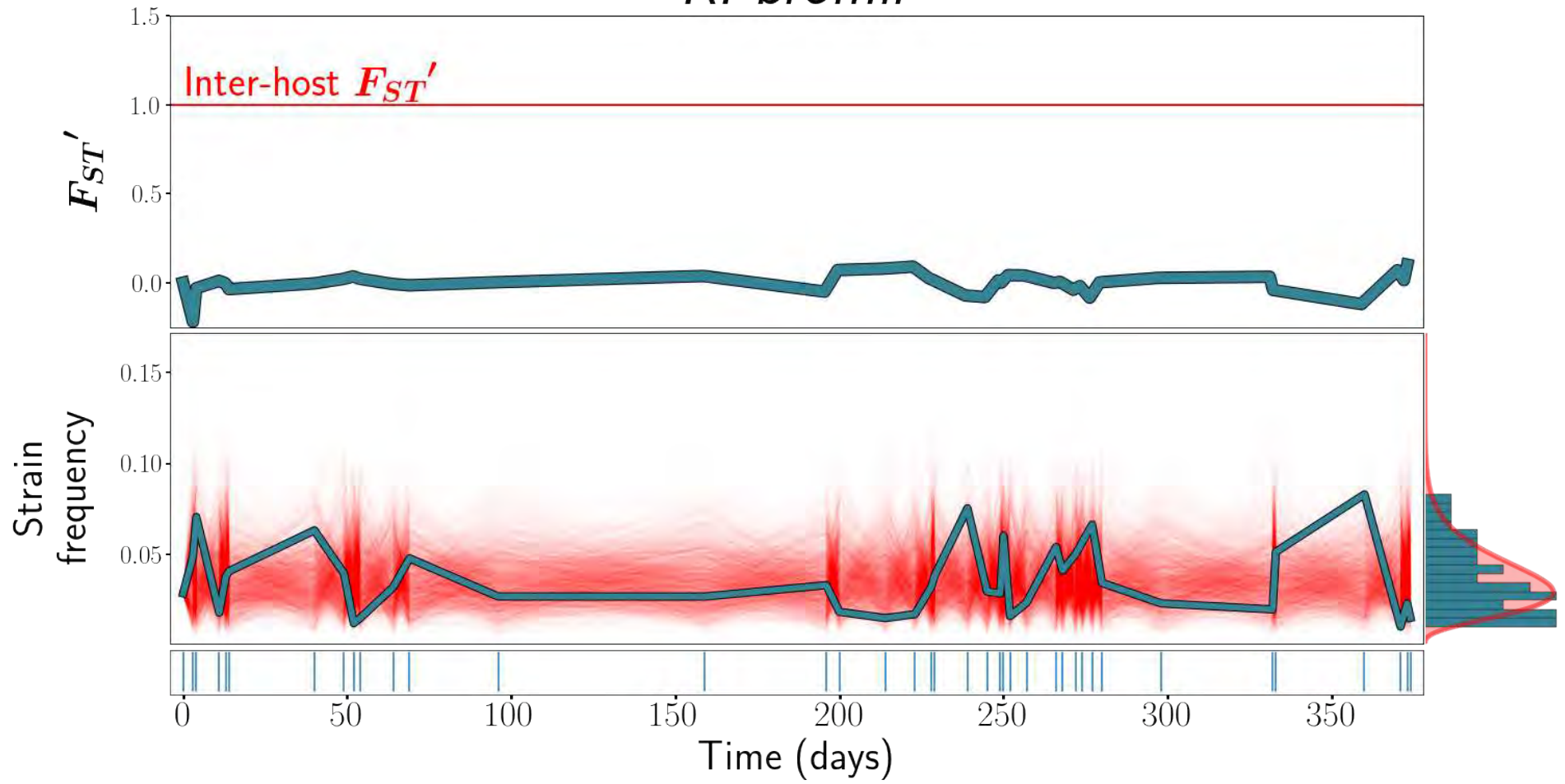
# *P. vulgatus*



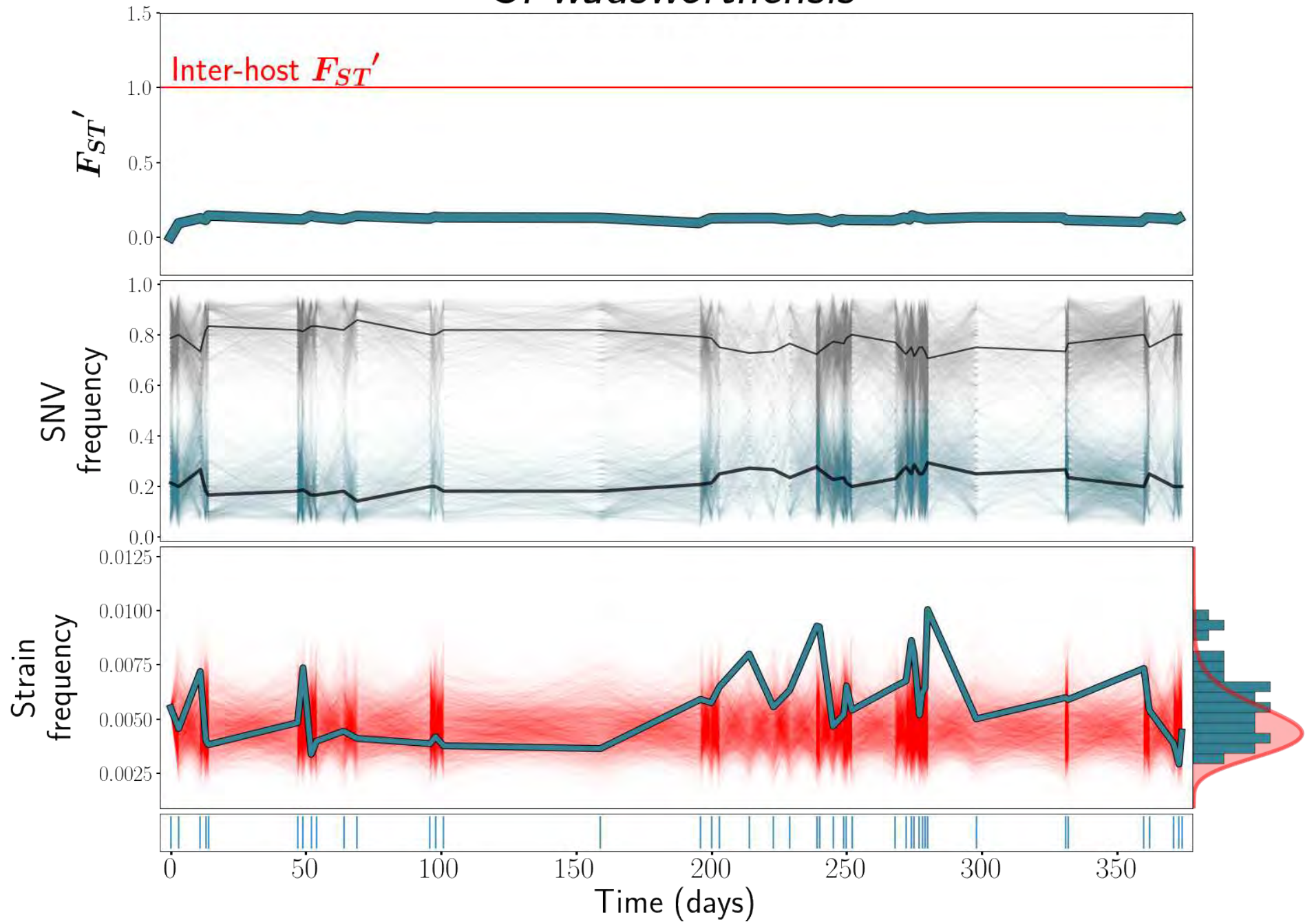
# *P. vulgatus*



# *R. bromii*



# *S. wadsworthensis*





# *S. wadsworthensis*

