

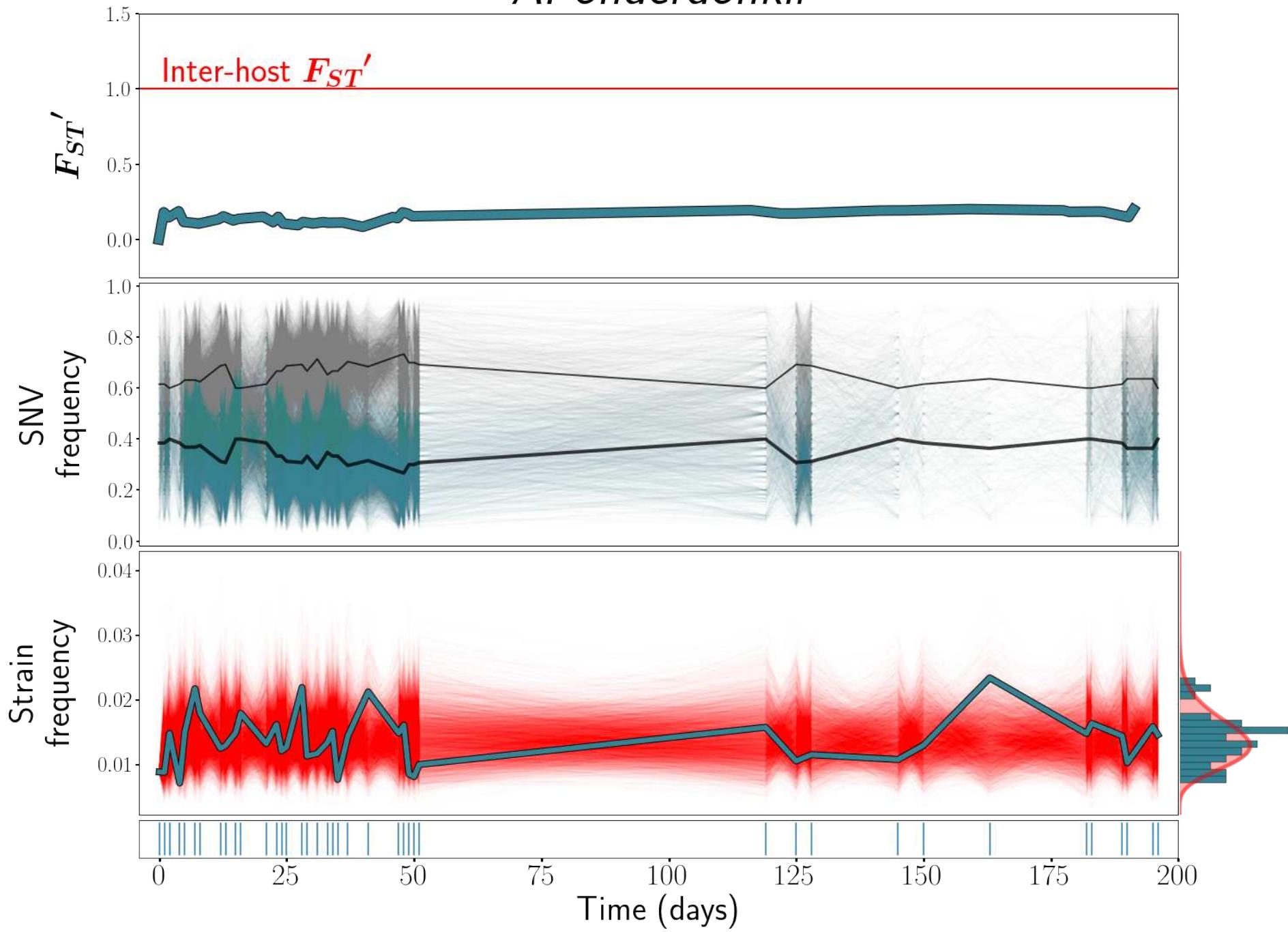
# S5 Text

$F_{ST}'$ , strain frequency, and strain abundance dynamics plots for all species analyzed, for host *ae*. 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.

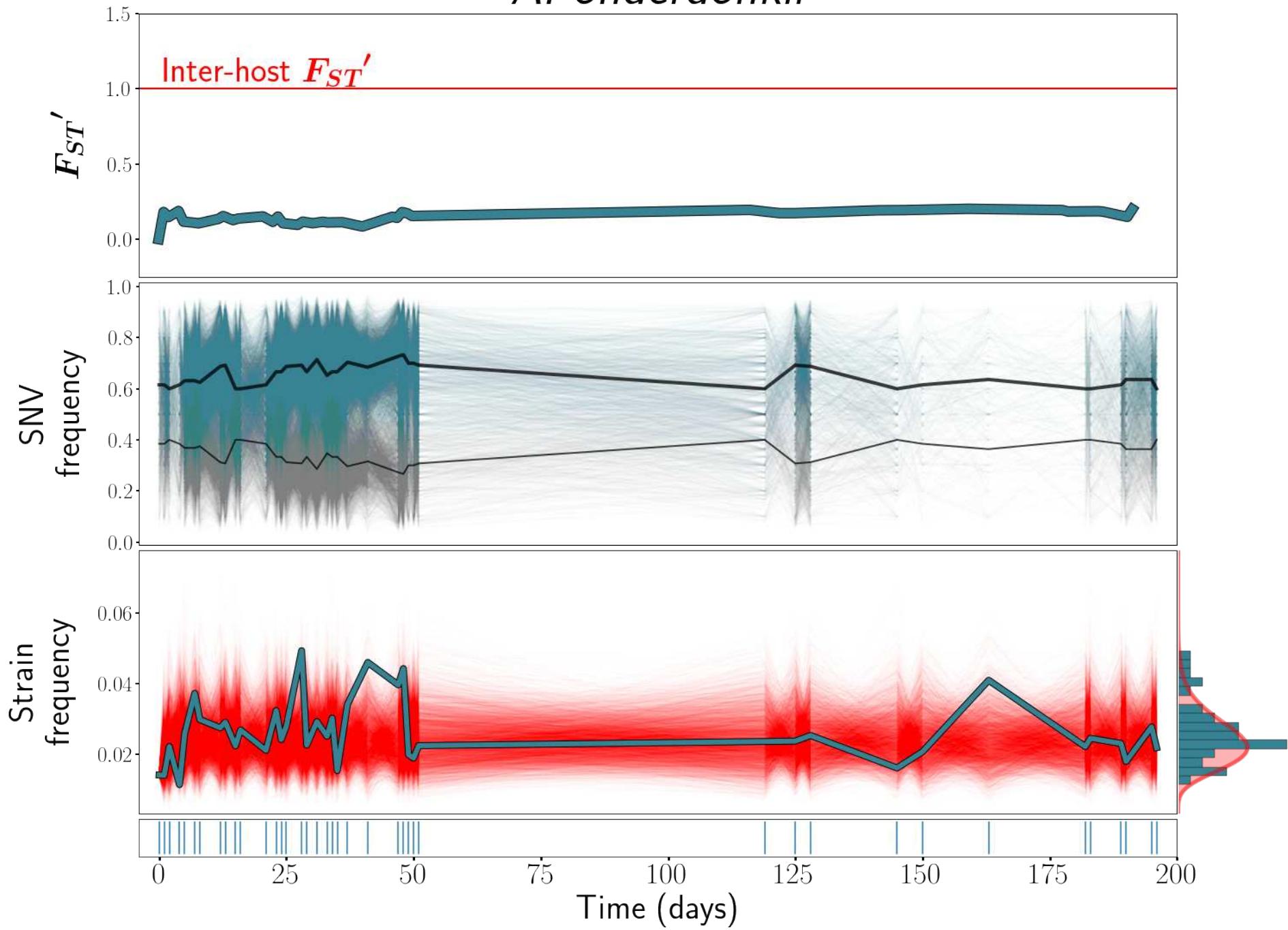
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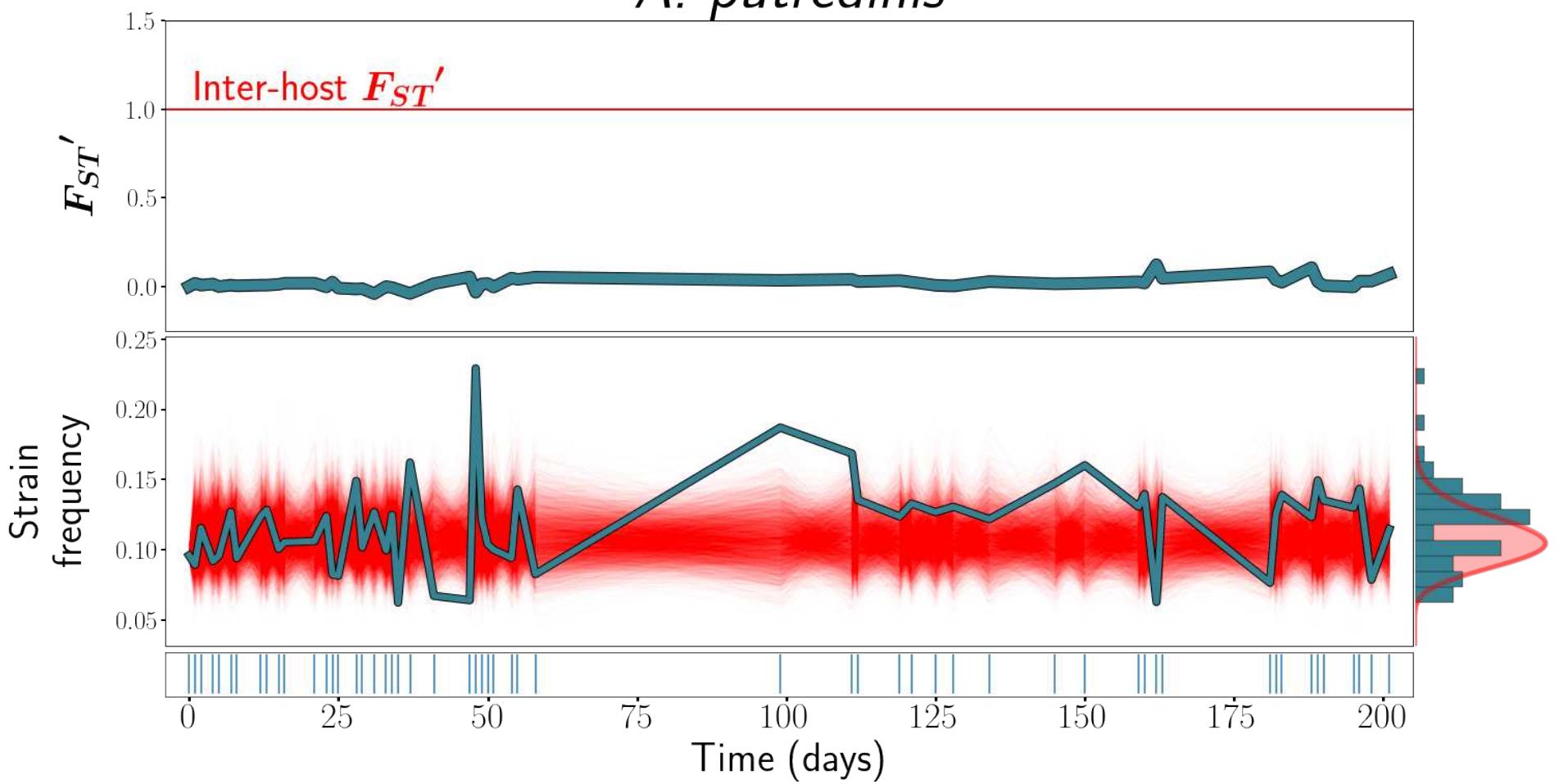
*A. onderdonkii*



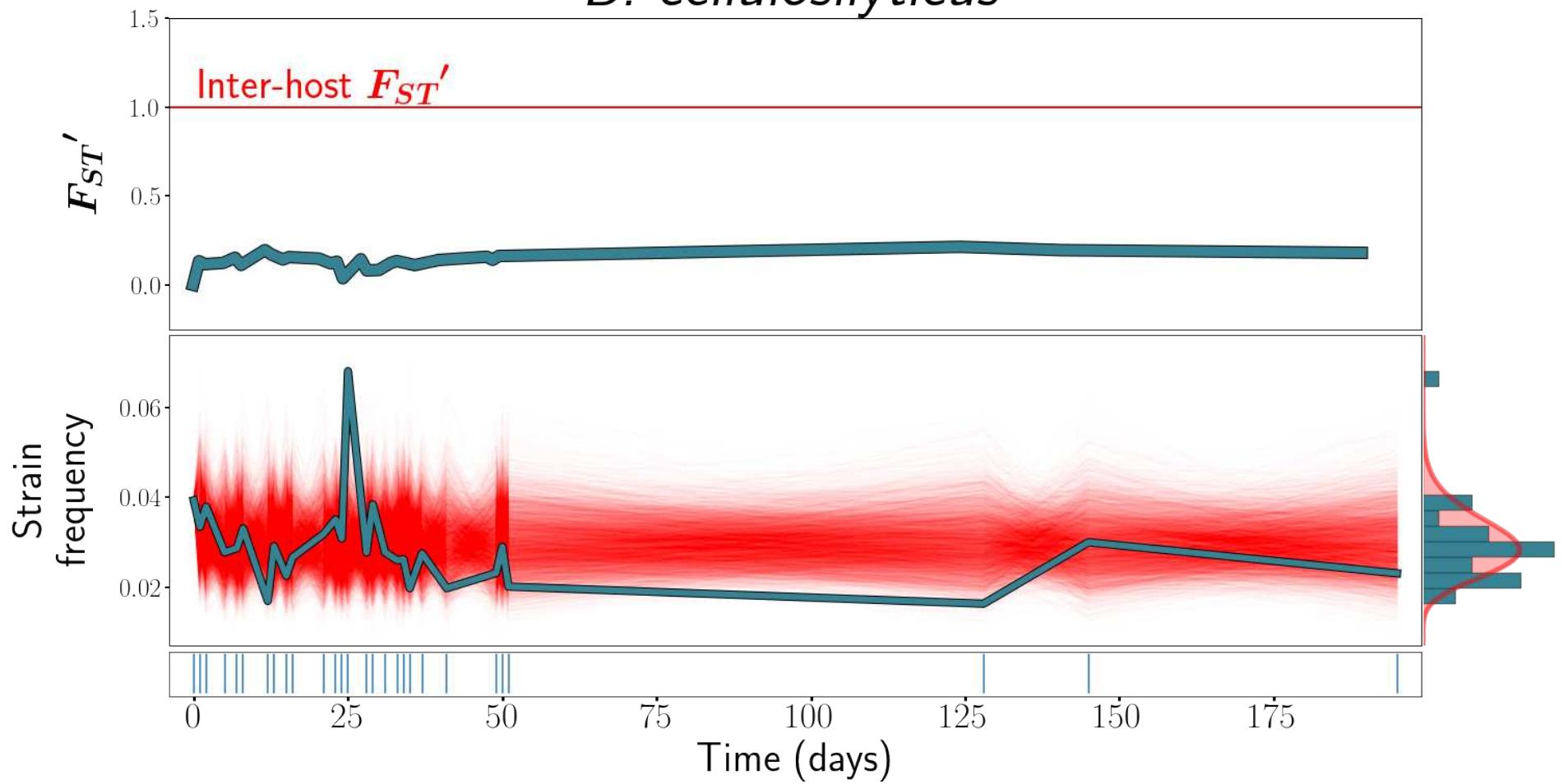
*A. onderdonkii*



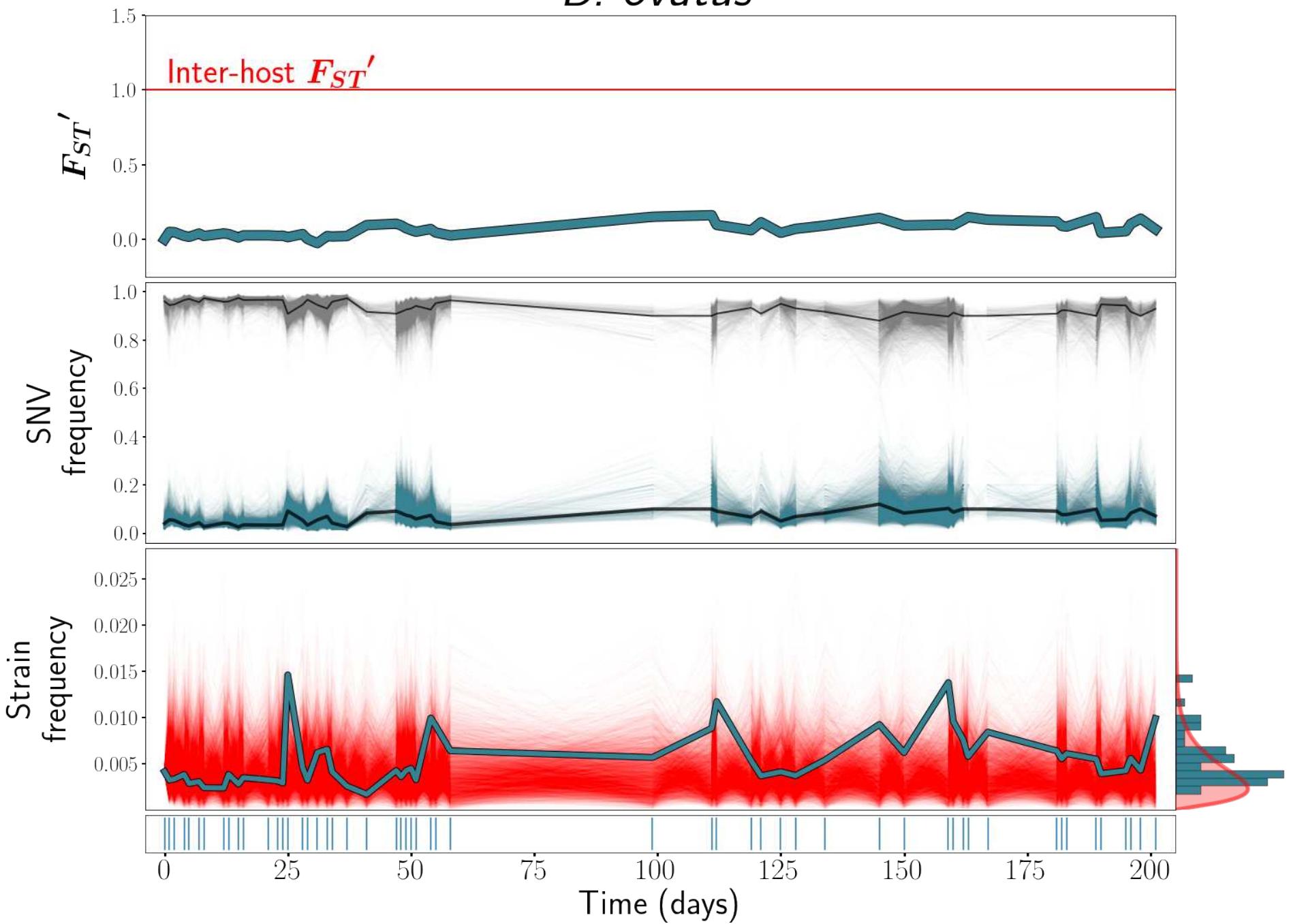
*A. putredinis*



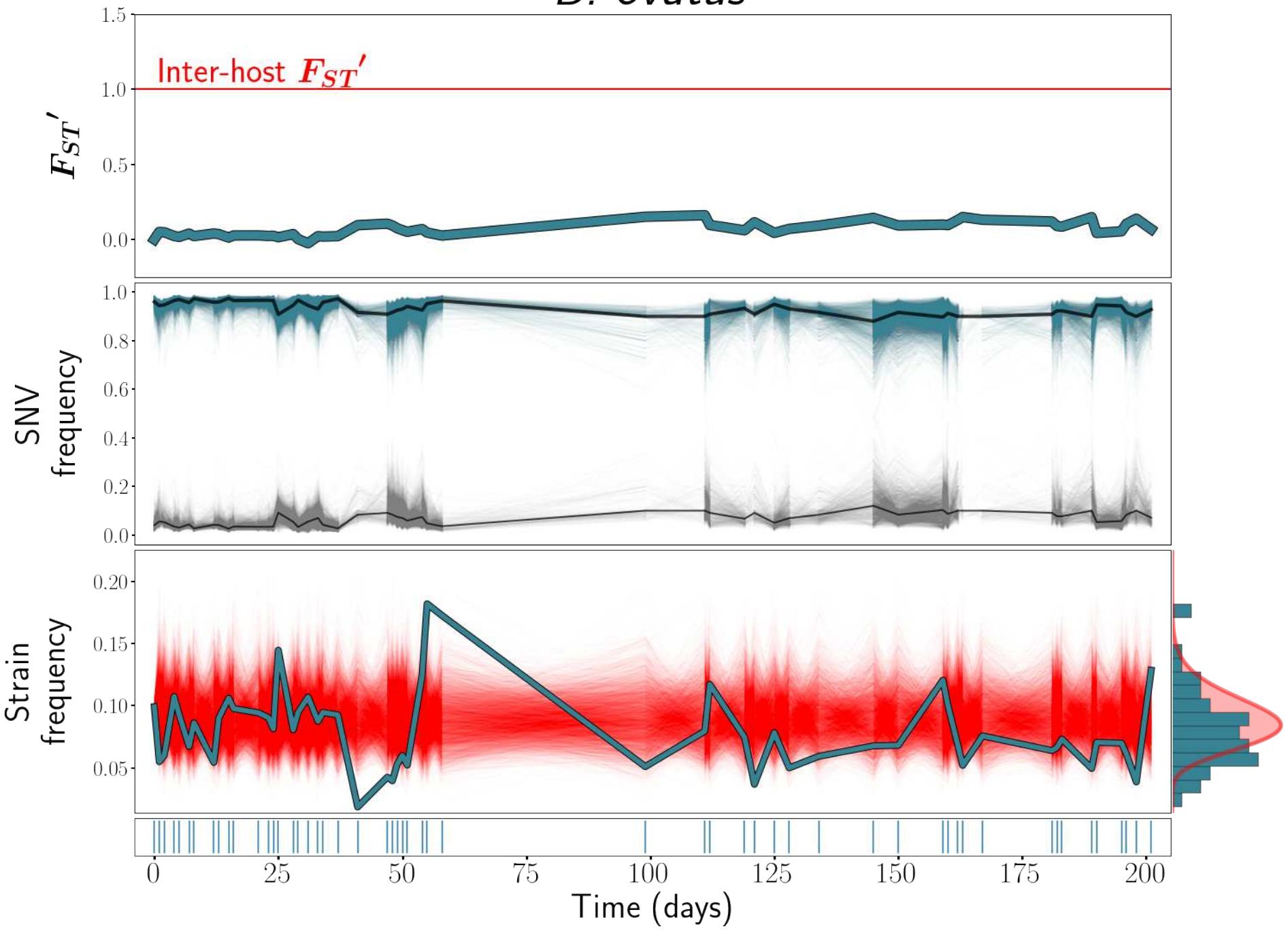
*B. cellulosilyticus*



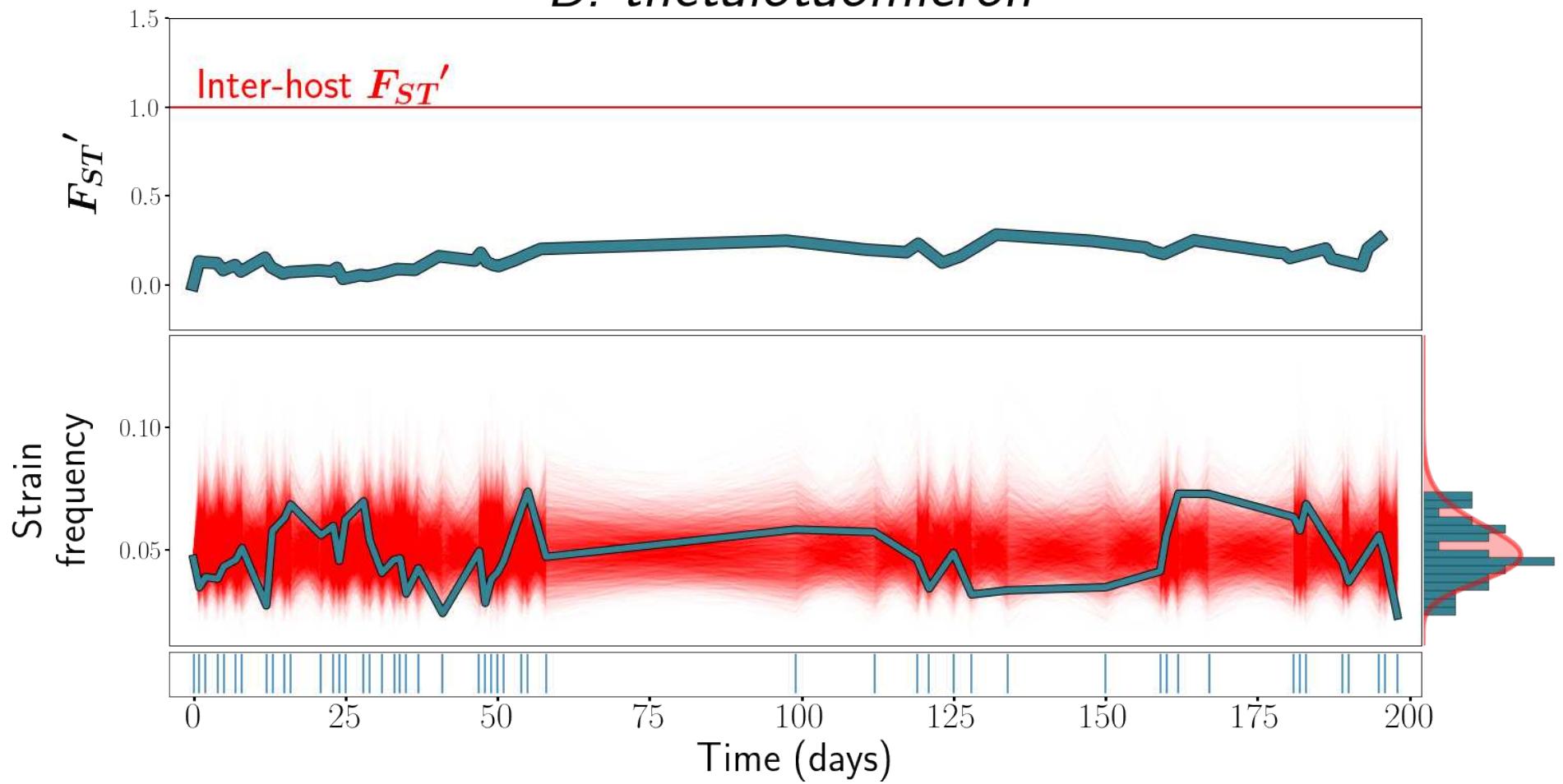
*B. ovatus*



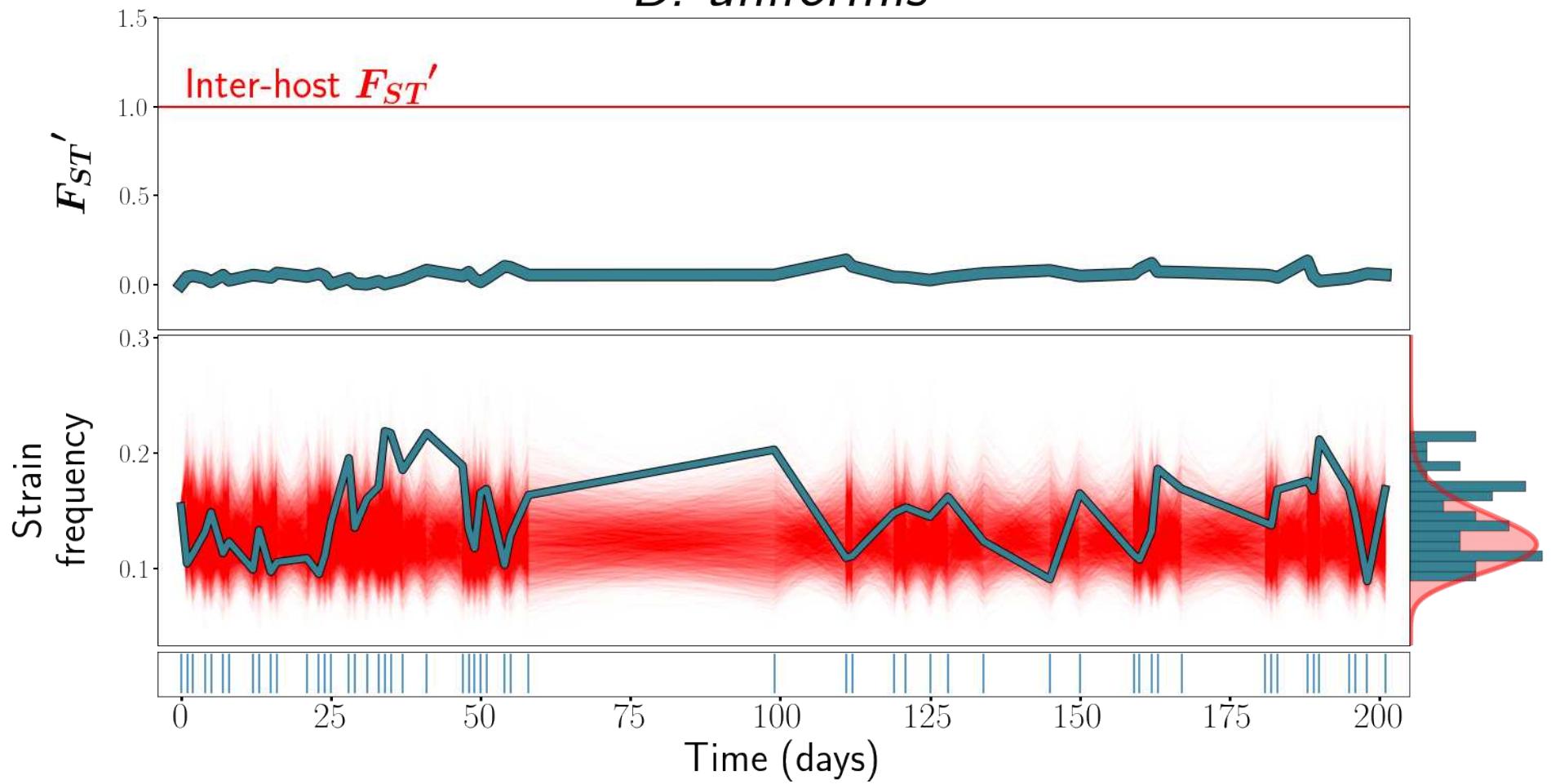
*B. ovatus*



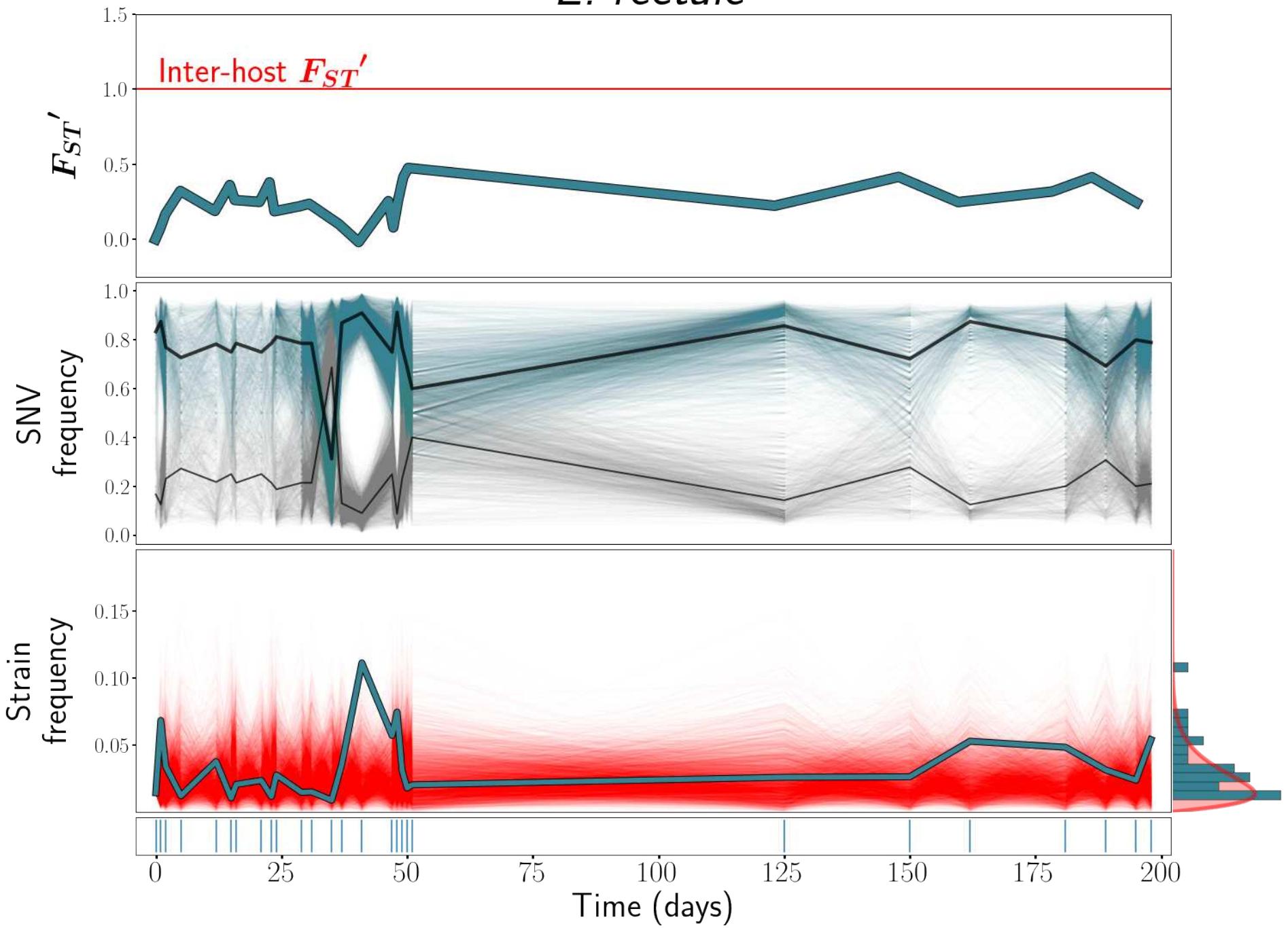
*B. thetaiotaomicron*



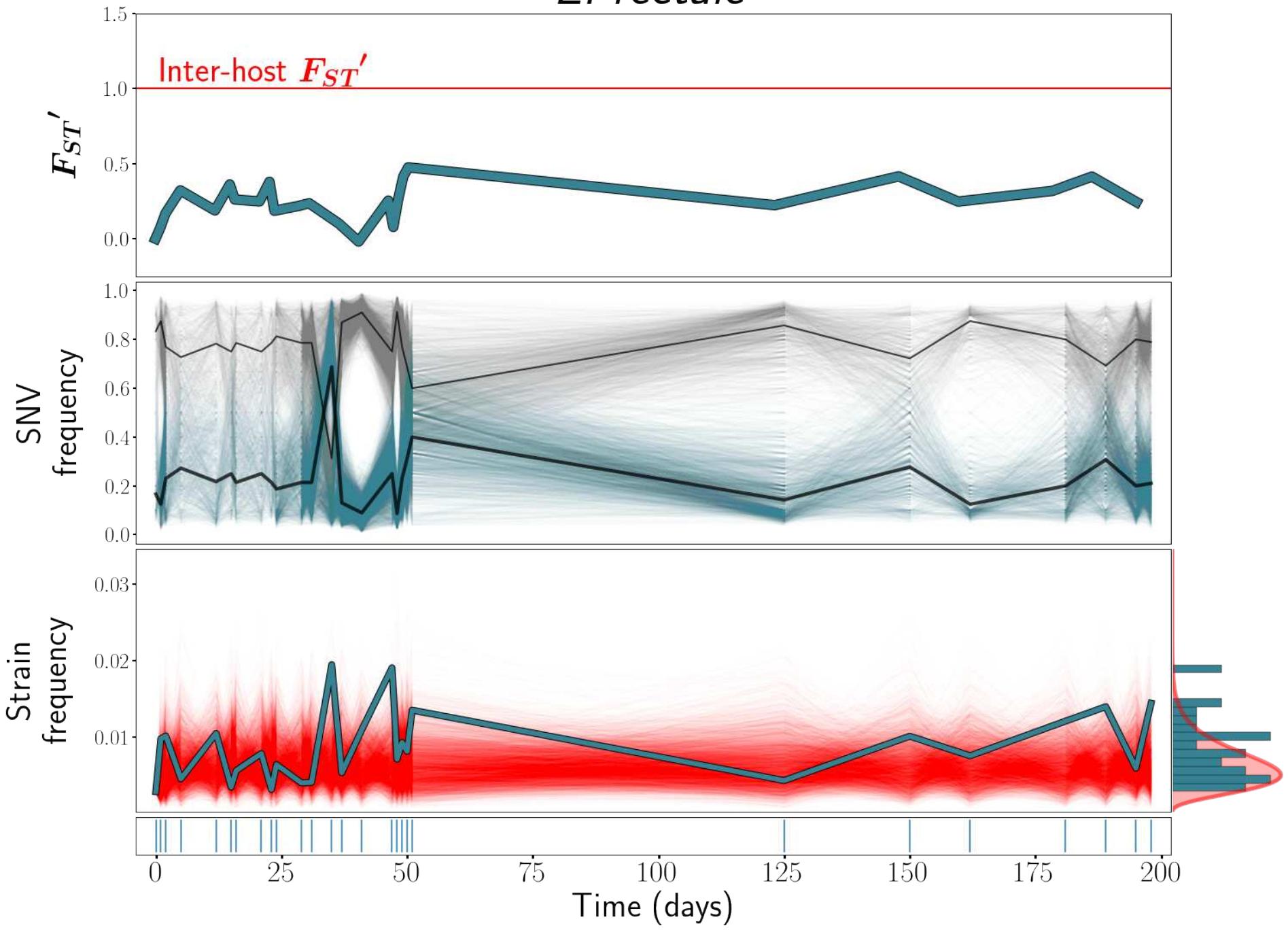
*B. uniformis*



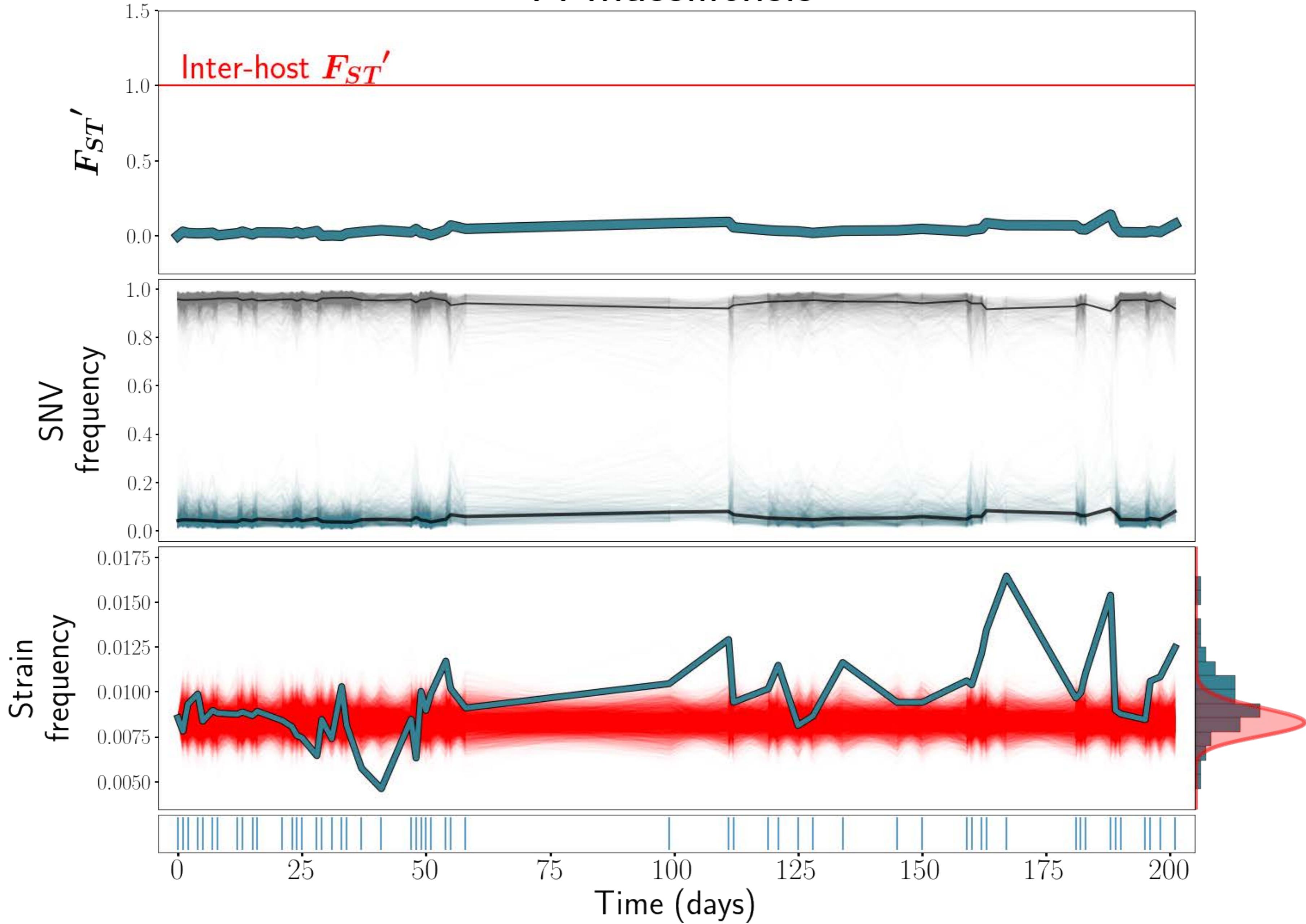
*E. rectale*



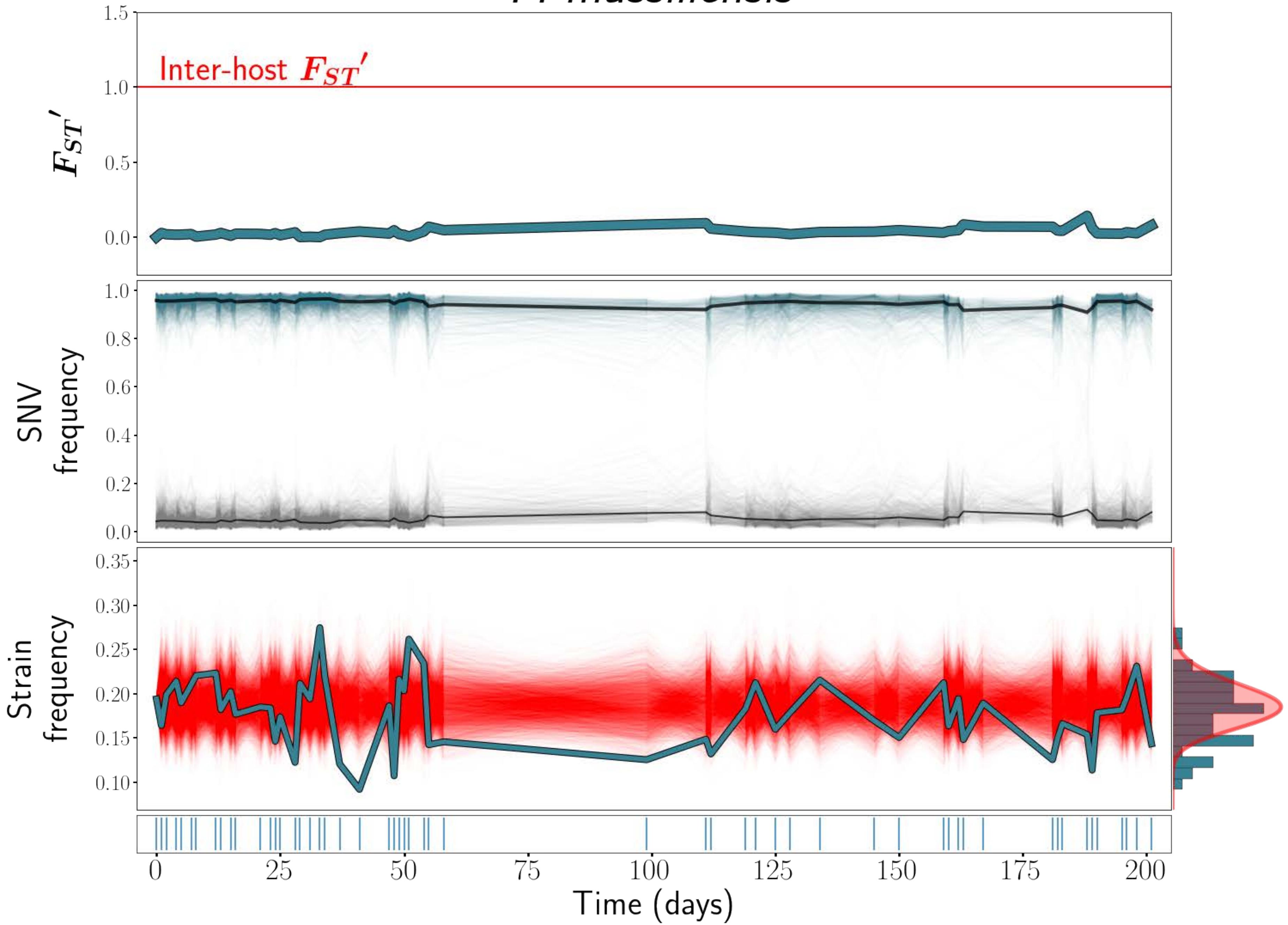
*E. rectale*



# *P. massiliensis*



# *P. massiliensis*



*P. vulgatus*

