

A

Too divergent

Goldilocks Zone

Too close

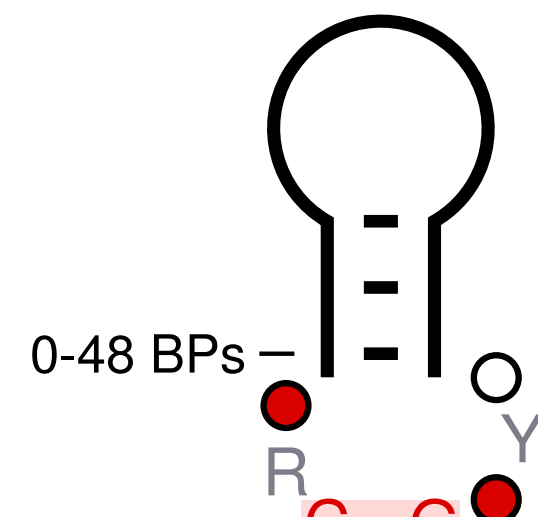
Enterobacteriaceae

*E. coli-K12**E. coli-E24377A**C. rodentium**S. enterica**K. pneumoniae*

Pseudomonas

*P. putida**P. aeruginosa-PA01**P. aeruginosa-PA14*

Xanthomonadaceae

*S. maltophilia**X. axonopodis***C****SraB****yceD****rpmF****RUF****plsX****B**

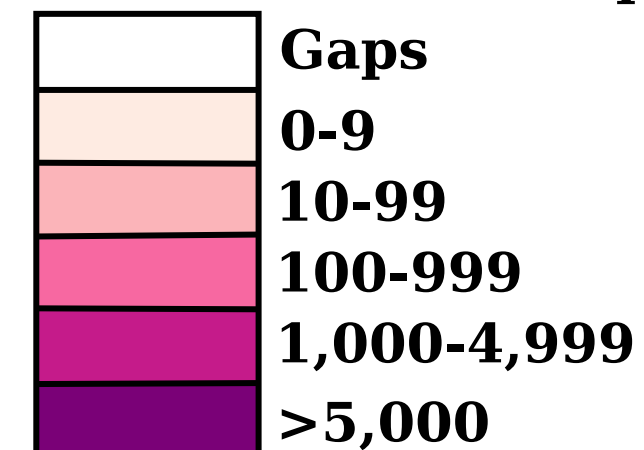
5'-U A

G A A

R G C G A C

G A U A C C U U G

Number of RNA-seq read



E. coli K12
E. coli E24377A
C. rodentium
S. enterica
K. pneumoniae