

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQSSLLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVEPILLESSQ
MTSYALLHTQRVTAQNGEIFTISPDLWERNQQQSSLLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVEPILLESSQ
.....
.....

85
0
0

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

LKELLQQLTPHQMVEEQVKFYQHQETHFEQEDD
LKELLQQLTPHQMVEEQVKFYQHQETHFEQEDD
.....
.....

170
52
52

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

ANRITISRLKLLAKLDISENRLPQDGRFQFKTTFSDI
GEKLVSHFKFLASMDIGEKRKQPNGSLYLQIDG
CVRLISHFKFLSAMDIGERRKPQNGSLTLKLIKE
.....

255
135
135

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

SQGLLVFTGPTGSGKTTTLV
PQGLILVTGPTGSGKSISLYTALQWLNT
SQGLLVFTGPTGSGKTTTMYALLEVIRKKKTRRI
SHGMLIFTGPTGSGKTTTLYSLVQYAKKHFN
.....

339
220
220

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

TARIAARAATGHLVLTHTNDAKGAIYRL
SARIALRAAQTGHLVLTSLHTNDASISRL
TAKIAIRASLTGHLVMTTTLHTNDAKGAIIR
TAEIAVRAAMTGHVLVLTSLHTRDAKGAIYR
.....

423
303
304

logo

NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 142948 WR51 RS21415 WP 001013177.1
NTDB id 96 BSU 24730 NP 390353.1
consensus

LHWQ.....NGYQ..TD
LYGYELKQALKHEADGECVTYKHETLESSIRKGYALGFLED
LYGKNLQQCIEAKGNHANYQYQTLRQIIRKGI
.....

464
347
356

⧻

 non conserved

⧻

 similar

⧻

 ≥ 50% conserved