

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLEKEMTDMTKGLAGKIDLDKIGEIALTLALLYFAGAL
MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLEKEMTDMTKGLAGKIDLDKIGEIALTLALLYFAGAL
MENKKKSLLSQMAPYLKGYKALFGLAVIFTIVSSTITVIGPDRLEKEMTDMTKGLAGKIDLDKIGEIALTLALLYFAGAL
!!

80
80

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDLSRVTDNDVDMTQSFNQSLVSMVAATILLIGSIFMM
VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDLSRVTDNDVDMTQSFNQSLVSMVAATILLIGSIFMM
VSYTASFIVSTLIQKFSQRLRNAIADKINKVPLKYFDSHSQGDLSRVTDNDVDMTQSFNQSLVSMVAATILLIGSIFMM
!!

160
160

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

IKTNGALAATAILSVFAGFVSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNWSSYNAIQSSKKQFENLNDQLFAS
IKTNGALAATAILSVFAGFVSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNWSSYNAIQSSKKQFENLNDQLFAS
IKTNGALAATAILSVFAGFVSTVIMAKSQPLFKKQQANLADVSGYVEEVYSGHNWSSYNAIQSSKKQFENLNDQLFAS
!!

240
240

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

MWKSQFFSGIMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE
MWKSQFFSGIMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE
MWKSQFFSGIMPLMQFIGNFGYVMVCIVGATMAINGDITMGTIVAFMTYVRIFTQPIAQIAQGITQLQSANAAMGRVFE
!!

320
320

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

FLDEEGIEDENHKVKQLEKVEGNVFNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIYNLLMRFYEVDRGM
FLDEEGIEDENHKVKQLEKVEGNVFNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIYNLLMRFYEVDRGM
FLDEEGIEDENHKVKQLEKVEGNVFNFDNVFFGYSPDKTIIHDFSAHAKAGQKIAIVGPTGAGKTTIYNLLMRFYEVDRGM
!!

400
400

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTYKENLIYNQKHITDEQVIAAAKAVGVVHFIKTLPKGYDTVLDDSVTL
ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTYKENLIYNQKHITDEQVIAAAKAVGVVHFIKTLPKGYDTVLDDSVTL
ISIDGVNIHDMTRKEVHDAFAMVLQDTWLFEGTYKENLIYNQKHITDEQVIAAAKAVGVVHFIKTLPKGYDTVLDDSVTL
!!

480
480

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1
NTDB id 370 SMU RS04260 WP 002263294.1
consensus

SVGQKQLLTARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGS
SVGQKQLLTARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGS
SVGQKQLLTARALLKDAPLLILDEATSSVDTRTEELIQRAMDHLMGRTSFVIAHRLSTIRNADLILVMRDGNIIEQGS
!!

560
560

logo

NTDB id 390294 FSA31 RS04330 WP 002284279.1

NTDB id 370 SMU RS04260 WP 002263294.1

consensus



584

584

- non conserved
- similar
- $\geq 50\%$ conserved