

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	MHAQLLDAMPTPTAISGVGAATAEKLKGLGILNLSDELEELTLESYNRRYISPTISLTPPEQYATIEGXNQSLEXFEBRPS	80
NTDB id 1154 A1552VC RS20525 WP 001884047.1	MHAQLLDAIPLTAISGVGAATAEKLKGLGILNLQDLLFHLPLRYEDRTRITPIIDL RPEQYATIEGVVQSTEVQFGRRPM	47
NTDB id 1398 DSB67 RS00645 WP 029388870.1	MPQPC.....TNTRSCPCPLTCQYNAMVTVSPSISIF.....IHSANWQDEAHYPD..S	0
NTDB id 1434 BW25113 RS17685 WP 001333371.1	.....	0
NTDB id 1458 ASU2 RS11390 WP 005624668.1	.....	0
NTDB id 1374 NTHI RS02640 WP 011272045.1	.....	0
NTDB id 1348 HI 0434 AAC22093.1	.....	0
consensus		

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	LMTYLSDGSAKLALRFTNENAGMKNSLQLGARVKAFGEVRRGRFMAEMHHPEYQIIIDNFATGHEETPTP	160
NTDB id 1154 A1552VC RS20525 WP 001884047.1	WLAMLTHWLRLKTTAPLLTPECH.....LCRLALDTNS...P.....FCVCS	85
NTDB id 1398 DSB67 RS00645 WP 029388870.1	...MLSHQWQNMHRVLSSQCG.....LCREFIPHRQTPNL....MRWCD	38
NTDB id 1434 BW25113 RS17685 WP 001333371.1	MLTVPGLCW.....LCRMPLALGH.....WGICS	24
NTDB id 1458 ASU2 RS11390 WP 005624668.1	MNYWGFRCI.....HCRKPLAIAQ.....HTICS	24
NTDB id 1374 NTHI RS02640 WP 011272045.1	MNFENFRCI.....HCRGNLHIAK.....NGLCS	24
NTDB id 1348 HI 0434 AAC22093.1	MNFENFRCI.....HCRGNLHIAK.....NGLCS	25
consensus	* * * * *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	TSLRKLIAQALQVLEKTPLAELWPVEFNPHPF....DLKSAIQFLHPPPDVSLLETLEEGKHPAQQRLLIFEELLAYNLAM	236
NTDB id 1154 A1552VC RS20525 WP 001884047.1	ACQAWLE.....HGYSRCCG...LPTLT...PVDQCCGCLGPPPWRLMVCYDYR.....	131
NTDB id 1398 DSB67 RS00645 WP 029388870.1	SCFDHIT.....PIERCMRCCG...LKMTEEESQAATECGECLKEPPPWRLLYTLGDYD.....	88
NTDB id 1434 BW25113 RS17685 WP 001333371.1	VCSRATR.....DKTLCPQCG...LPATH....SHLPCGRCLQKPPPWQRLVTVADYA.....	71
NTDB id 1458 ASU2 RS11390 WP 005624668.1	SCYRKIE.....KSCYCCCG...ALPE....NQLYCCNCLRNBPKWHRIVQIAYYK.....	70
NTDB id 1374 NTHI RS02640 WP 011272045.1	GCQKQIK.....SFPYCGHCG...AEIQY....YAQHCCNCLKQEPSWDKMVIICHYI.....	70
NTDB id 1348 HI 0434 AAC22093.1	GCQKQIK.....SFPYCGHCG...SELQY....YAQHCCNCLKQEPSWDKMVIICHYI.....	71
consensus	* * * * *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	QKVRLGIQENFAEPLRAQSDLKQRFLAQLPFTPTHAQLRVTQEIEEDLQQNYPMMLRVQGDVGSCKTLVAALAA...LTAI	314
NTDB id 1154 A1552VC RS20525 WP 001884047.1	FPLS...DAVHQLKYQRQFWQ.....APRLAKLLATQI	161
NTDB id 1398 DSB67 RS00645 WP 029388870.1	FPLS...QQVQRFKDHGEVWH.....VGALTQLLAERV	118
NTDB id 1434 BW25113 RS17685 WP 001333371.1	PPLS...PLIHQLKFSRRSET.....ASALSRLLLLEV	101
NTDB id 1458 ASU2 RS11390 WP 005624668.1	PPLS...DWIHRFKFQDQFWI.....DQGLARLLLLAI	100
NTDB id 1374 NTHI RS02640 WP 011272045.1	EPLS...LIHRFKFQDQFWI.....DRTLARLLYLAV	100
NTDB id 1348 HI 0434 AAC22093.1	EPLS...LIHRFKFQDQFWI.....DRTLARLLYLAV	101
consensus	!! * * * * *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	DNGKQVVLMAPTETIAEQHATNFRRWFEPL...G.....IDVGNLAGKVGKQRTVELER.IKNGRVQMVGTHAL	381
NTDB id 1154 A1552VC RS20525 WP 001884047.1	NE.....PAPLLCSVPLHWRRRWQRGFNQSDLLARELANMLNVEYDHQIFARRRATPHQQGLSKAQRIHNLDAFVL	233
NTDB id 1398 DSB67 RS00645 WP 029388870.1	EQ.....PAPVITSVPVHWQRLKRGFNQSHLLAKHLAHHLDVRYENKVFKRVKNVQSQRGNKKASREQNLQGAFAL	190
NTDB id 1434 BW25113 RS17685 WP 001333371.1	LHARTTGLQLPDRIVSVPLWQRRHWBRGFNQSDLLCQPLSRWLHCQWDSEAVTRTHATAIQHFLSARLRKRLKNAFRL	181
NTDB id 1458 ASU2 RS11390 WP 005624668.1	KQAQRTHQLELPEVIFPVPLFWHREWQRGFNQAQLLAEHLSNWLNIPLDNVSLKRVRATYSQRQLTAYERARNLKGAFRY	180
NTDB id 1374 NTHI RS02640 WP 011272045.1	RDAKRTHQLKLPEAIIIPVPLYHFRQWFRGYNQADLLSRQLSRWLDIPNLSNIVKRVKHTYIQRGLSAKDREQNLKNAFSL	180
NTDB id 1348 HI 0434 AAC22093.1	RDAKRTHQLKLPEAIIIPVPLYHFRQWFRGYNQADLLSQQLSRWLDIPNLNNIVKRVKHTYIQRGLSAKDREQNLKNAFSL	181
consensus	***** * ***** ! ***** *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	FQDEVKFHNLSIVIVDEQHRFGVHQRLMLREKGNQAGVYPHQLIMTATPIPRTLAMTVYADLDTSIIDELPPGRTPITTI	461
NTDB id 1154 A1552VC RS20525 WP 001884047.1	NHPP...NQPHVAIVDDVVTTGSTRHLCDE.....	260
NTDB id 1398 DSB67 RS00645 WP 029388870.1	RGEV...DESHVAIVDDVVTTGSTRQLCH.....	217
NTDB id 1434 BW25113 RS17685 WP 001333371.1	ELPV...QGRHIVIVDDVVTTGSTVAETIAQ.....	208
NTDB id 1458 ASU2 RS11390 WP 005624668.1	TP...NRAVHRVAIVDDVVTTGSTLNAICA.....	207
NTDB id 1374 NTHI RS02640 WP 011272045.1	VVSKNEFPYRRVAIVDDVITTGSTINEISK.....	210
NTDB id 1348 HI 0434 AAC22093.1	AVSKNEFPYRRVAIVDDVITTGSTINEISK.....	211
consensus	* ***** ! ***** ! *** *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	AISEDRRANIIERENESTAAKD...UTLTAEDELEAQAEEAVAEDLRKILPHLRIGLVHGRMKPAEKQEIIMQEFKD	541
NTDB id 1154 A1552VC RS20525 WP 001884047.1	AISEDRRANIIERVNRACTEEKRAVWCTLIDSEVLEAQAEEAVAEDLRKILPHLRIGLVHGRMKPAEKQEIIMQEFKD	286
NTDB id 1398 DSB67 RS00645 WP 029388870.1	LLLDVGVQSIDIYCTICRTPEPKDS.....HG.....	241
NTDB id 1434 BW25113 RS17685 WP 001333371.1	LLLEVGVESIDIYCTICRTPAPGSL.....	227
NTDB id 1458 ASU2 RS11390 WP 005624668.1	LLLRNGAAAVQVWCLCRTL.....	225
NTDB id 1374 NTHI RS02640 WP 011272045.1	ELLKQGVCHIQQVWTLARA.....	228
NTDB id 1348 HI 0434 AAC22093.1	LLRKLGVVEIQVWGLARA.....	229
consensus	***** ***** *	

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	ANLDDLVAATTVIEVGVDPVNASLMIIEAERLGLSQLHLQRGRVGRGTTASFCVLMYKPPLGKISQKRLQVMRDTQDGFV	621
NTDB id 1154 A1552VC RS20525 WP 001884047.1	ANLDDLVAATTVIEVGVDPVNASLMIIEAERLGLSQLHLQRGRVGRGTTASFCVLMYKPPLGKISQKRLQVMRDTQDGFV	286
NTDB id 1398 DSB67 RS00645 WP 029388870.1	.....	241
NTDB id 1434 BW25113 RS17685 WP 001333371.1	.....	227
NTDB id 1458 ASU2 RS11390 WP 005624668.1	.....	225
NTDB id 1374 NTHI RS02640 WP 011272045.1	.....	228
NTDB id 1348 HI 0434 AAC22093.1	.....	229
consensus		

logo

NTDB id 127404 NJ8700 RS06555 WP 012771704.1	I SEKDLEIRGPGEV LGTKQTGITEFKVANLMRDRKMLPTVQFYAKQLVQKYPQQAELLIRRWLNNREIYSNA	693
NTDB id 1154 A1552VC RS20525 WP 001884047.1	ISEKDLEIRGPGEV LGTKQTGITEFKVANLMRDRKMLPTVQFYAKQLVQKYPQQAELLIRRWLNNREIYSNA	286
NTDB id 1398 DSB67 RS00645 WP 029388870.1	.....	241
NTDB id 1434 BW25113 RS17685 WP 001333371.1	.....	227
NTDB id 1458 ASU2 RS11390 WP 005624668.1	.....	225
NTDB id 1374 NTHI RS02640 WP 011272045.1	.....	228
NTDB id 1348 HI 0434 AAC22093.1	.....	229
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved