

logo

NTDB id 1355 HI 0298 AAC21962.1	MSA	ITTEPKNSGFTPLVQEGLLATIQEQLLLEQVKASKISMEYLLSSQFSTQELTEQSFGLPDLEYSPLW	27
NTDB id 1366 NTHI RS01950 WP 011271972.1		MTSYA.....LIHTQRVTAKNGE.....VFTISPDLW	27
NTDB id 199340 BG556 RS04625 WP 006251341.1		MTSYA.....LIHTQRVTAQNGE.....IFTISPDLW	21
NTDB id 1384 A4U84 RS08525 WP 010787006.1		MEYS.....V.....TDLNSQR.....FIEISAEQW	22
NTDB id 1168 A1552VC RS11070 WP 000957200.1		MSQYT.....I.....CEQQTER.....TFDISPSRW	72
NTDB id 1401 DSB67 RS12665 WP 010643259.1		MLTNLVAIIRLQAELISATQEQAVVTQVSASGTSVPEALLELSIFHAQELTEQLSHIFGLPETDLSRYDYANL	72
NTDB id 1293 VP RS12240 WP 005479695.1		MLTNLSTVLRQAGILTFQSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQYEYASL	72
NTDB id 1251 GC085 RS07725 WP 011946523.1		MHSNLSTILRQKGLLTFQSQEESLLEQVKASGISMPEALLSSGFFTSSSLAEHLSSIFGLSQPELSQYEEYASL	80
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAQNFQVPMLDINCLDVGTTI	MSAFTTPPKFSGFIRRLVVEEGYVNAQNMQQAIEKAKKFKQDIVPYLIDNFSISPLTIAEITISLEFGEPLLDLGVPDPALF	80
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFI	IGFFRRLLVEEKHVSAATMQTALDAAKRAKQDTVAYLIEEVHLSPSLLAETISAEFAEPYFDLDVYDTSQI	80
consensus		* * * * *	

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NTDB id 1355 HI 0298 AAC21962.1	ERNQQQQS	LLRYFALPLKEENNRLWLGVDSLNLNSACETIAFITGKPVPEILLESSQLKELLQQLTPNQMQVE....EQ	103
NTDB id 1366 NTHI RS01950 WP 011271972.1	ERNQQQQS	LLRYFALPLKEENNRLWLGVDSLNLNSACETIAFITGKPVPEILLESSQLKELLQQLTPHQMQVE....EQ	103
NTDB id 199340 BG556 RS04625 WP 006251341.1	QKNCNEKQ	ILLRYLAVPLQETAEQLWLGIIDDMQNLNACEIFAFIYHKQIEPVLISSEELKFLNLALSPEQSSPQSEIYEE	101
NTDB id 1384 A4U84 RS08525 WP 010787006.1	QKNCEEKQ	LLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIASDELKYLLNALSPEQQ....PIYEE	98
NTDB id 1168 A1552VC RS11070 WP 000957200.1	CQQLGLRELITRYDALPIAKQCNLLLLAVSDPTLLQAEFEFRFATGLQVELALADHRAALQAATIRRLYGRSTIQGAANQGKE	CQTLGLRDLITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAATIRRLYGRSLGQEKSGLKE	152
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CQQLGLRELITRHNALPLHRTPTSTLLAVADPTNQQAEDDFRFATGLQVELVLADFRELSTAATIRRLYGRSLSHEKSGLKE	PVNLVNEKLIKRRHAMVPLFSRGTNLVYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	152
NTDB id 1293 VP RS12240 WP 005479695.1	LKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPTNIEAMD	DAIRFNSKLLKVEPIIVEHDKLERLLSEHFVEETHFNFDTE..	160
NTDB id 1251 GC085 RS07725 WP 011946523.1	PKDLVDQKLILKHRI	LPLIQRQILYVATSNPSNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFDFNDE..	158
NTDB id 1018 ACIAD RS01685 WP 004920473.1			158
NTDB id 1058 ABD1 RS01615 WP 001274986.1			
consensus		*** * ***** **!* * !***** * * *! ***** *! ** *	

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NTDB id 1355 HI 0298 AAC21962.1	VKF.....	YQHQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETADQFQVRFRIDGVLQPQPLISKIF	170
NTDB id 1366 NTHI RS01950 WP 011271972.1	VKF.....	YQHQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETADQFQVRFRIDGVLQPQPLISKIF	170
NTDB id 199340 BG556 RS04625 WP 006251341.1	NPL.....	YPFSENTEQPDNDPIITQILENLFKFCLQKNASDIHLEPQKERLLIRLRIDGVLHIYKSLSPSSL	168
NTDB id 1384 A4U84 RS08525 WP 010787006.1	SEL.....	AFVEQEQEQLNLNDPIITQLLDNLFKFCLAQNASDIHIEPRKQKLIIRLRIDGVLHLYKSLSIQL	165
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ISQD..	ELANLVKVSDDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRLRCDGITLVETQQPASHL	230
NTDB id 1401 DSB67 RS12665 WP 010643259.1	INQD..	ELAGLVDIGEDEIENIEDLSQDESPPVSRFINQVLLDAVRKGASDIHFEPYENMYRVRLRCDGITLIEIQPPSHL	230
NTDB id 1293 VP RS12240 WP 005479695.1	INQE..	ELASLVVGADIEDNIEDLSQDESPPVSRFINQVLLDAVRKGASDIHFEPYERMYRVRLRCDGITLIETQPPNHL	230
NTDB id 1251 GC085 RS07725 WP 011946523.1	DSGDLEGLEISAD.DEDQDIDTATSVTD	DAPIVKFVNKILLDAIRQGASDIHFEPYERMYRIRYRQDGLHEVATPPASL	239
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.ELD...	LDVEVDPHTTDDDEDDKCLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRYRVDGVLRLIATPPLQL	234
NTDB id 1058 ABD1 RS01615 WP 001274986.1	.EFD...	LDVNLGDPTAQDEEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRYRVDGVLRLQIANPPLQL	234
consensus		* * * * *	

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consensus

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NTDB id 1355 HI 0298 AAC21962.1	ANSCDCHQGYRGRIGVYQFLHWQQ.....ND.....YQTD	445
NTDB id 1366 NTHI RS01950 WP 011271972.1	INSCDCHQGYRGRIGVYQFLHWQQ.....NG.....YQTD	445
NTDB id 199340 BG556 RS04625 WP 006251341.1	C..EHCYQGYKGRIGVYQLLNRSA.....KNFEKNTACLD	446
NTDB id 1384 A4U84 RS08525 WP 010787006.1	C..DECYQGYRGRIGVYQCLSRTA.....KKFDKQTAYLD	443
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LQSQFAFQPNIEI...LYEANAAGCNECTGYSGRVGIYEVMAFNTELAEATMQRASIHQIERLAKANGMQTLQESGLEK	545
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LQH.IGIANTEQ...IFQANPDGCNECTHGYSGRTGIYEVMMKFDES	544
NTDB id 1293 VP RS12240 WP 005479695.1	LQH.LGIQTTDN...IFRANPDGCNECTHGYSGRTGIYEVMMRFDES	544
NTDB id 1251 GC085 RS07725 WP 011946523.1	GLIELGFKEADLV..NLKLYKAVGCEQCTSGYRGRVGLFEVLPMTKELGQLIMSGGNSLDILKLAQSEGMLTIFQSGIEK	557
NTDB id 1018 ACIAD RS01685 WP 004920473.1	SLLEMGFTPEDLAQPEFQIFEPVGCHDCREGYKGRVGIYEVMMKITPEISKIIMEDGNALEIAAATAETLGFNNLRRSGLKK	553
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SLLEMGFTEQDLAHPDFRVFQPVGCLECREGYKGRVGIYEVMMKVTPETISKIIMEDGNALEIAAASSEKLGFNNLRRSGLKK	553
consensus	*** * ** *! !!!!!!!***** ** * ** * **** * ** ** * !***!	

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NTDB id 1355 HI 0298 AAC21962.1	VSQGITDEKEIERVLGKNL..	464
NTDB id 1366 NTHI RS01950 WP 011271972.1	VSQGITDEKEIERVLGKNS..	464
NTDB id 199340 BG556 RS04625 WP 006251341.1	ITEGKTNQAEILRVLGNDENL	467
NTDB id 1384 A4U84 RS08525 WP 010787006.1	IEQQLTNETEVDRLVGYE...	461
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LRGITSFAELQRVLYF....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKQGITSFRELQRVLYF....	561
NTDB id 1293 VP RS12240 WP 005479695.1	LKQGITSFSELQRVLYF....	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	VKEGITTIEEVNRVTVD....	574
NTDB id 1018 ACIAD RS01685 WP 004920473.1	VMQGVTSLQEINRVTSE....	570
NTDB id 1058 ABD1 RS01615 WP 001274986.1	VMQGVTSLQEVNRVTSE....	570
consensus	* ***!* !***!*	

- [X] non conserved
- [X] similar
- [X] ≥ 50% conserved