

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSAFTTETKESGTFRLREAKTYSEKMEFQYSAARRGQDYKATUEEELFAGERTLHTLASETGGSDIDNYYEYSL	22
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1	MS.....QYTIC.....EQQTERIFDISPSRW	25
NTDB id 1366 NTHI RS01950 WP 011271972.1	MFHENPLCTV.....SMTGVEFVEIQQALW	27
NTDB id 1355 HI 0298 AAC21962.1	MTSYALLHTQRV.....TAQNGEIFTISPDLW	27
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MTSYALLHTQRV.....TAKNGEVFTISPDLW	72
NTDB id 1293 VP RS12240 WP 005479695.1	MLINLVAILRQAELISATQEQAVVTQVSASGTSVPEALLLELSIFHAQELTEQLSHIFGLPETDLSRYDYANL	72
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MHSNLSLTLRQKGLITFSQEESLIEQVKASGISMPEALLSSGFFTSSSELAEHLSSIFGLSQPELSQY EYASL	72
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLINLSTVLRQAGILITFSQEESLLEQVKASGISMPEALLSSGFFQSHELTEHLSSVFGLSCTSLNQY EYASL	80
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKNKILSAEQIALTAQNFQVPMPLDINCIDVGTI	80
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSALHTSPKFTIGFFRRLLVEEKHVSAATMQTALDAAKRAKQD TVAYLIEEVHLSPSLLAETISAEFAEPYFDLDVYDTSQI	80
consensus	MSAFTTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDIVPYLIDNFSISPLTIAEIIISLEFGEPLLDLGVFDPALF	80

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	QKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFAFMTHKQIEPVVIADELKYLLNALSPEQQPIYEESE..	100
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1	QKNQQQQRFLRLRYFALPLQEDEKQLWLGVDSLANLSACDAFSFLTNNKHIELVLLSTNELKRALQQLSPPKLQVEENIP..	103
NTDB id 1366 NTHI RS01950 WP 011271972.1	ERNQQQQSLRLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVPEPILLESSQLKELLQQLTPHQMQVVEEQVK..	105
NTDB id 1355 HI 0298 AAC21962.1	ERNQQQQSLRLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVPEPILLESSQLKELLQQLTPNQMVEEQVK..	105
NTDB id 1168 A1552VC RS11070 WP 000957200.1	CQQLGLRELITRYDALPIAKQGNL LLLAVSDPTLLQAEFEFRFATGLQVELALADHRAALQAAIRRLYGRSIIQGAANQGK.	151
NTDB id 1293 VP RS12240 WP 005479695.1	CQQLGLRELITRHNALPLHRTPTLLAVADPTNQQAEDDFRFATGLQVELVLADFRELISTAIRRLYGRSLSH EKSGLK.	151
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CQQLGLRELITRHNALPLNRTSSTLILAVADPTNLQAEDDFRFATGLQVELVLADFRELTAAIRRLYGRSLGQ EKSGLK.	151
NTDB id 1251 GC085 RS07725 WP 011946523.1	PVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	160
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PKDLVDQKLILKHRILPLIQRGQILYVATSNPSPNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFD FNDE..	158
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LKDKIDEKLIQKYRIMPLVHRGHVLYVATSNPNTNIEAMDIAIRFNSKLLKVEPIIVEHDKLERLLSEHFVEETHFNFDTE..	158
consensus	*** ***** **!* !***** * * *! ***** ! ** ** * * *	

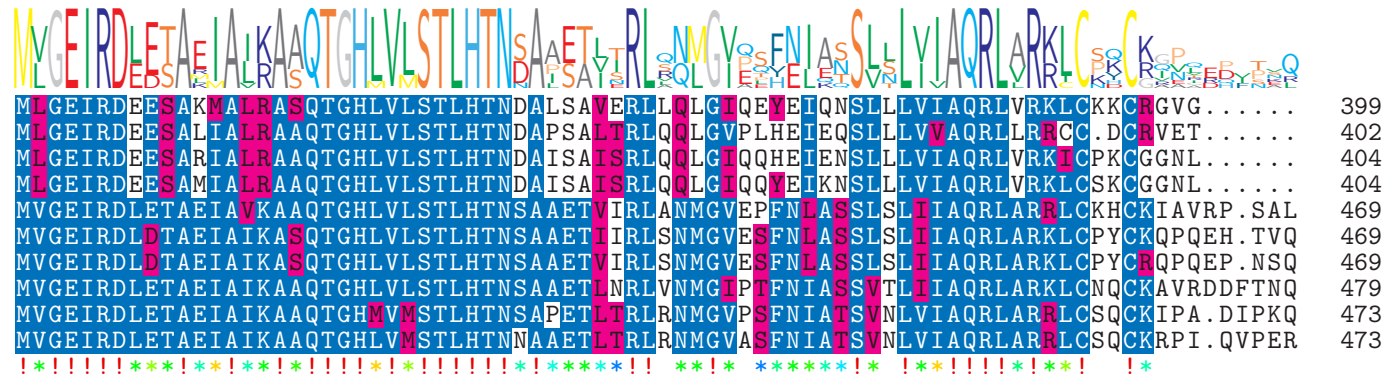
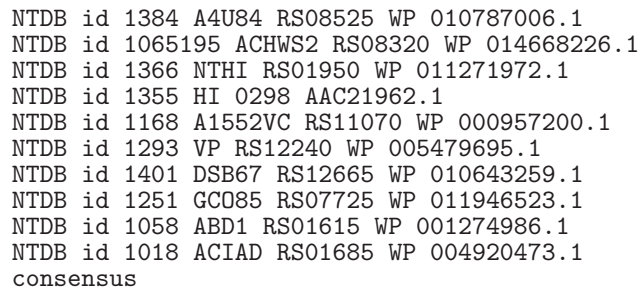
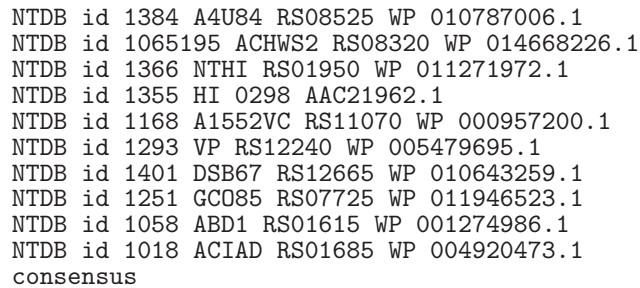
logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	EIRQEE L A LVD T DQ I E T E D S D D S P V I R Y I N Q I L L D A L R K G A S D I H E P Y E K S Y R V R R D G V L R E Q Q P P S I	165
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1	LAFVE.QEQEQLNLDPIIQLLDNLFKFC LAQNASDIHIEPRKQKLIIRLRIDGVLHLYKSLSIQL	169
NTDB id 1366 NTHI RS01950 WP 011271972.1	TVYQVAQLDSDSATDEPLIQLLDQVFERALQLQASDIHFEPQCHSLQVRFRIDGVLQVQPSFSGIL	170
NTDB id 1355 HI 0298 AAC21962.1	FYQHQQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQPLISKIF	170
NTDB id 1168 A1552VC RS11070 WP 000957200.1	FYQHQQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLETLADQFQVRFRIDGVLQPQPLISKIF	230
NTDB id 1293 VP RS12240 WP 005479695.1	..EISQDELANLVKVSDDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQPASHL	230
NTDB id 1401 DSB67 RS12665 WP 010643259.1	..EINQEELASLVDVGADEIDNIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYEKMYRVRRLRCDGILIIETQQPPNHL	230
NTDB id 1251 GC085 RS07725 WP 011946523.1	..EINQDELAGLVDIGEDEIENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRRLRCDGILIEIQPPSHL	239
NTDB id 1058 ABD1 RS01615 WP 001274986.1	DSGDLEGLEISAD.DEDQDIDTATSVTDDAPIVKFVNKILLDAIRQGASDIHFEPYEREYRIRYRQDGI LHEVATPPASL	234
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..EFD...LDVNLDGPTAQEDEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRVYRVDGVLRLQIANPPLQL	234
consensus	..ELD...LDVEVDPHTTDDDDDEDDKLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRVYRVDGVLRLIATPPLQL	234

```

NTDB id 1384 A4U84 RS08525 WP 010787006.1
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 1355 HI 0298 AAC21962.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005479695.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

```



logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	CDECYQGYRGRIGVYQCLSR	TAKK.....FDKQTAYLDFSSLR	ESAKQK	443										
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1	QSACRCYQGYKGRIGVYQFLQKDKT	GCFVTD	FSSLRSAKEK	444										
NTDB id 1366 NTHI RS01950 WP 011271972.1	INSCDCHQGYRGRIGVYQFLHWQQN	G.YQTD	FENLR	445										
NTDB id 1355 HI 0298 AAC21962.1	ANSCDCHQGYRGRIGVYQFLHWQQN	D.YQTD	FKNLR	445										
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LQSQFAFQPNFI...LYEANAA	GCN	ECTGYSGRVGIYEVMAFNTE	LAEA	IMQR	ASIHQ	IERL	AKANG	GMQ	TLQES	GLEK	545		
NTDB id 1293 VP RS12240 WP 005479695.1	L.QHLGIQT	TDN...IFRANPD	GCN	ECTHGYSGRTGIYEV	MR	FDES	LSEAL	IKGASV	HELEK	LAIANG	MSTLQMSG	IEK	544	
NTDB id 1401 DSB67 RS12665 WP 010643259.1	L.QHIGIANTEQ...IFQANPD	GCN	ECTHGYSGRTGIYEV	MK	FDES	LSEAL	IKGASV	HELEK	LAIANG	MQTLQMSG	IEK	544		
NTDB id 1251 GC085 RS07725 WP 011946523.1	GLIELGFKEADLV..NLKLYKAV	GCE	QCTSGYRGRVGLFEVLPMTKEL	GQLIMSG	CNSL	DILK	LAQSEG	MLTIFQ	SG	IEK	557			
NTDB id 1058 ABD1 RS01615 WP 001274986.1	SLLEM	MGFTEQDLAHPDFRVFQPV	GCLE	CREGYKGRVGIYEV	MKV	TPEISKI	IMED	GNALE	IAAA	SEKL	GFNN	LRRSGL	KK	553
NTDB id 1018 ACIAD RS01685 WP 004920473.1	SLLEM	MGFTPEDLAQPEFQIFEPV	GCH	D	REGYKGRVGIYEV	MKITPEISKI	IMED	GNALE	IAAT	AETL	GFNN	LRRSGL	KK	553
consensus	* * *			* * *	! ! !	! ! !	! ! !	! ! !	! ! !	! ! !	! ! !	! ! !	! ! !	!

logo

NTDB id 1384 A4U84 RS08525 WP 010787006.1	IEQQLTNETEVDRLVGYE.	461
NTDB id 1065195 ACHWS2 RS08320 WP 014668226.1	VRLGMTDDNEVQRLGE..	461
NTDB id 1366 NTHI RS01950 WP 011271972.1	VSQGITDEKEIERVLGKNS	464
NTDB id 1355 HI 0298 AAC21962.1	VSQGITDEKEIERVLGKNL	464
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LREGITSFAELQRVLYF..	562
NTDB id 1293 VP RS12240 WP 005479695.1	LKQGITSFSELQRVLYF..	561
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LKQGITSFRELQRVLYF..	561
NTDB id 1251 GC085 RS07725 WP 011946523.1	VKEGITTIEEVNRVTVD..	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	VMQGVTSLQEVNRVTSE..	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	VMQGVTSLQEVNRVTSE..	570
consensus	***!!*	!***!*

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