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NTDB id 1384 A4U84 RS08525 WP 010787006.1	MSAFTTTEKPKISGTFRLSTRVQEGLLTATQEQLLLEQVKAKISLQPEYLMSSYHLSRGLAEISLFGLPFLEIDPAW	22
NTDB id 1065087 ACHWS7 RS08540 WP 016504529.1	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	MHSNLSLTLRQKGLITFSQEESLIEQVKASGISMPEALLSSGFFTSSSLAEHLSSIFGLSQPELSQY 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

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NTDB id 1384 A4U84 RS08525 WP 010787006.1	QKNCEEKQLLLRYLAVPVQETEHKLWLAVDDENNLTACEIFA FMTHKQIEPVVIADELKYLLNALSPEQQPIYEESE..	100
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NTDB id 1366 NTHI RS01950 WP 011271972.1	ERNQQQQLLLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPHQMQVVEEQVK..	105
NTDB id 1355 HI 0298 AAC21962.1	ERNQQQQLLLRYFALPLKEENNRLWLGVDLSNLSACETIAFITGKPVEPILLESSQLKELLQQLTPNQMQVVEEQVK..	105
NTDB id 1168 A1552VC RS11070 WP 000957200.1	CQQLGLRELITRYDALPIAKQGNLLLLAVSDPTILLQAEFEFRFATGLQVELALADHRAALQAAIRRLYGRSIIQGAANQGK.	151
NTDB id 1293 VP RS12240 WP 005479695.1	CQQLGLRELITRHNALPLHRTPTLLAVADPTNQQAEDDFRATGLQVELVLADFRELISTAIRRLYGRSLSH EKSGLK.	151
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CQQLGLRELITRHNALPLNRTSSTLILAVADPTNLQAEDDFRATGLQVELVLADFRELTAAIRRLYGRSLGQ EKSGLK.	151
NTDB id 1251 GC085 RS07725 WP 011946523.1	PVNLVNEKLIKRRHAMVPLFSRGTNLYLATDDPSKQASLKEIQFHTGLNTHAIVVETDKLSALIDNLLTAKESQGLSEYVE	160
NTDB id 1058 ABD1 RS01615 WP 001274986.1	PKDLVDQKLILKHRILPLIQRGQILYVATSNP SNIEAIDAIRFNSKLLVEPVIVEHHKLEKVLGQHFAEESSFD FNDE..	158
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LKDKIDEKLIQKYRIMPLVHRGHVLYVATSNP TNIEAMD AIRFNSKLLKVEPIIVEHDKLERLLSEHFEVEETHFNFDTE..	158
consensus	*** ***** **!* !***** * * *! ***** ! ** ** * * *	

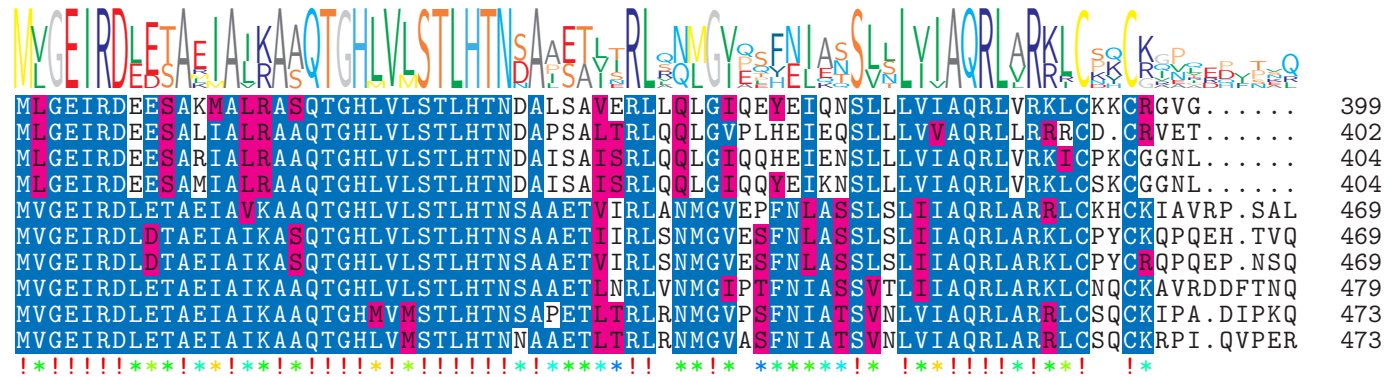
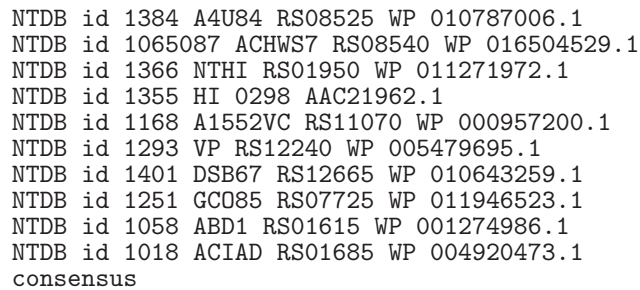
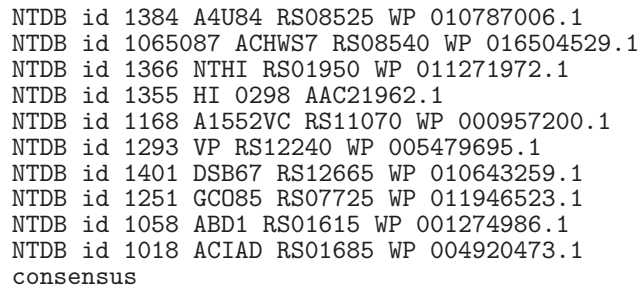
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NTDB id 1384 A4U84 RS08525 WP 010787006.1	EIRQEE L A LVD T DQGETED S DDPVIRYINQIL L D A L R K G ASD I H E P Y E K S Y R V R R D G V L R E Q Q P P S I	165
NTDB id 1065087 ACHWS7 RS08540 WP 016504529.1	LAFVE.QEQEQLNLDPIIQLLDNLFKFC LAQNASDIHIEPRKQKLIIRLRIDGVLHLYKSLSIQL	169
NTDB id 1366 NTHI RS01950 WP 011271972.1	TVYQVAQLDSDSATDEPLIQLLDQVFERALQLQASDIHFEPQCHSLQVRFRIDGVLQVQPSFSGIL	170
NTDB id 1355 HI 0298 AAC21962.1	FYQHQETHFEQEDDEPVIRLLNQIFESALQKNASDIHLET LADQFQVRFRIDGVLQPQPLISKIF	170
NTDB id 1168 A1552VC RS11070 WP 000957200.1	..EISQDELANLVKVSDDDELQSIEDLSQDDSPVSRFINQVLLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQPASHL	230
NTDB id 1293 VP RS12240 WP 005479695.1	..EINQEELASLVDVGADEIDNIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYEKMYRVRRLRCDGIL IETQQPPNHL	230
NTDB id 1401 DSB67 RS12665 WP 010643259.1	..EINQDELAGLVDIGEDEIENIEDLSQDESPVSRYINQILLDAVRKGASDIHFEPYENMYRVRRLRCDGIL IEIQPPSHL	230
NTDB id 1251 GC085 RS07725 WP 011946523.1	DSGDLEGLEISAD.DEDQDIDTATSVTDDAPIVKFVNKILLDAIRQGASDIHFEPYEREYRIRYRQDGI LHEVATPPASL	239
NTDB id 1058 ABD1 RS01615 WP 001274986.1	..EFD...LDVNLDGPTAQEDEEAPQGDEAPIVKYINKLLIDAIRMGASDLHFEPYEKSYRVRVYRVDGVL RQIANPPLQL	234
NTDB id 1018 ACIAD RS01685 WP 004920473.1	..ELD...LDVEVDPHTTDDDDDEDDKLKDEAPIVKYINKLLIDAIRMSASDLHFEPYEKSYRVRVYRVDGVLRLIATPPLQL	234
consensus	* * ** * * * * !*****!!!!!!** **!*!!**	

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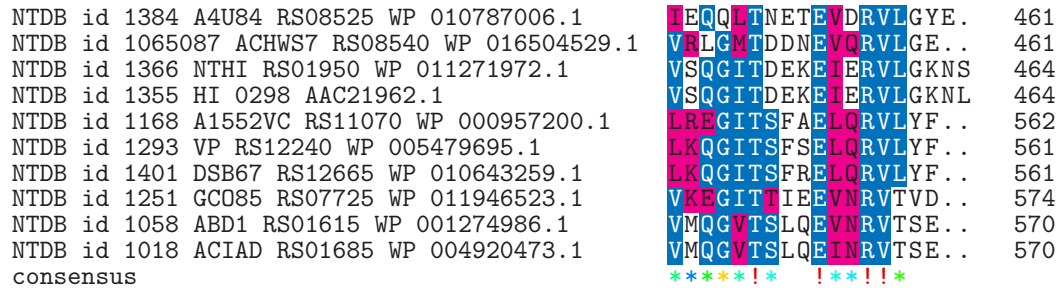
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NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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