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NTDB id 1169 A1552VC RS11075 WP 000648511.1   ...........MKATQTLPLKNYRWKGINSNGKK.VSGQMLAISEIEVRDKLKDQHIQIKKLKKGSVSLLAR.LTHRVKS   67
NTDB id 1402 DSB67 RS12670 WP 010643257.1     ...........MKTIAPQLKNYRWKGINSSGKK.TSGNVLAMTEIEVRERLDAQHIKIKKLKKGSISFITK.ISHRVKG   66
NTDB id 1112 NGFG RS09215 WP 003689811.1      ......MAKNGGFSLFAKKEKRFIFECRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....TSSKRKITQ   69
NTDB id 1113 AAA85695.1 219..1451( )          ......MAKNGGFSLFAKKEKRFIFECRHSASDKLVNGEVSAFTEEEARKKLAKRGIRPLQITRVK.....TSSKRKITQ   69
NTDB id 1198 PSJM300 03950 AFN76868.1         ............MAQKAIKNSVFTWEGLDRQGAK.IKGELSGVSPALVKAQLRKQGINPQKVRKKSISLFS..AGKKIKP   65
NTDB id 1016 ACIAD RS01680 WP 004920476.1     ............MAAKKTQVMPVFAYEGVDRKGIK.LKGELPARNMALAKVTLRKQGITIRTIREKRKNIFEGLLKKKVKP   68
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NTDB id 1132470 H5027 RS04820 WP 053051318.1  MSVARSVIKKQPVDRNTSMLQTFVWEGADKRGVK.MKGEQTARNANMLRAELRRQGIVPSMVKQKPKPLFGA.AGKKITP   78
NTDB id 1252 GCO85 RS07730 WP 011213805.1     ............MDKNSPPLLTFHYQGINKAGQK.MEGDIQARSLAIAKADLRKQGIVTNKVVKKRKPLFDR.KNKKITQ   66
consensus                                                  *  *  *  **!* * * ! * !** * *  ***  !*****    *****  *     ****
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NTDB id 1112 NGFG RS09215 WP 003689811.1      EDITVFTRQLSTMIKAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV   149
NTDB id 1113 AAA85695.1 219..1451( )          EDITVFTRQLSTMINAGLPLMQAFEIVARGHGNPSMTEMLMEIRGQVEQGSSLSRAFSNHPKYFDRFYCNLVAAGETGGV   149
NTDB id 1198 PSJM300 03950 AFN76868.1         MDIALFTRQMATMMKAGVPLLQSFDIIGEGFDNPNMRKLVDDLKQEVAAGNSFASSLRKKPQYFDDLYCNLVDSGEQSGS   145
NTDB id 1016 ACIAD RS01680 WP 004920476.1     LDIAIFTRQLATMMKAGVPLVQAFEIVAEGLENPAMRDVVLGLKNEVEGGNTFAGALRKYPQYFDNLFCSLVESGEQSGS   148
NTDB id 1059 ABD1 RS01610 WP 000279215.1      LDITIFTRQLATMMKAGVPLVQGFEIVAEGLENPAMREVVLGIKGEVEGGSTFASALRKYPQHFDNLFCSLVESGEQSGA   148
NTDB id 1132470 H5027 RS04820 WP 053051318.1  KDIAFFSRQMATMMKSGVPIVSSLEIIGEGHKNPRMRKMIGQIRTDIEGGSSLYESISKHPVQFDELYRNLVRAGEGAGV   158
NTDB id 1252 GCO85 RS07730 WP 011213805.1     ADITVFSRQLATMIESGIPLVQAFDIVAKGQSNKRLKDLIETIKHDIETGLTLAESLIKHPLYFNELFCNLVDAGEKSGS   146
consensus                                      !!****!!**!!***!*!*************** ** ****** ** ****!***  **** * *!* ****!***!! *!
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NTDB id 1112 NGFG RS09215 WP 003689811.1      LESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPPLTQTVMDMSDFFVSYG   229
NTDB id 1113 AAA85695.1 219..1451( )          LESLLDKLAIYKEKTQAIRKKVKTALTYPVSVIAVAIGLVFVMMIFVLPAFKEVYANMGAELPALTQTVMDMSDFFVSYG   229
NTDB id 1198 PSJM300 03950 AFN76868.1         LETLLDRVATYKEKTEALKAKIKKAMNYPIAVVLVAVIVTAILLIKVVPQFQDVFANFGAELPAFTLMVIGLSEALQAWW   225
NTDB id 1016 ACIAD RS01680 WP 004920476.1     LEIMLDRVAVYKEKSEVLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFKDLFTSFGADLPAFTQLVVNMSNWMQDYW   228
NTDB id 1059 ABD1 RS01610 WP 000279215.1      LETMLDRVAIYKEKSELLKQKIKKAMKYPATVIVVAIVVTIILMVKVVPVFQDLFASFGADLPAFTQMVVNMSKWMQEYW   228
NTDB id 1132470 H5027 RS04820 WP 053051318.1  LETVLDTVATYKENIEALKGKIKKALFYPAMVVAVAIVSAILLIFVVPQFEEVFKSFGAELPAFTQLLVNASRFMVSYW   238
NTDB id 1252 GCO85 RS07730 WP 011213805.1     LDIMLDKVATYKEKIEIIKKKIKKALTYPIAVMVVALLVTAGLLIYVVPQFESLFKGFGADLPAMTRAVITMSEFMQAYW   226
consensus                                     !*******!*!*!*** ** !***!* !!  !**!!**** **** !*! ! ***  *!!*!!**!**** *! *** **
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NTDB id 1112 NGFG RS09215 WP 003689811.1      WMVLIALGFAIYGFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIY   309
NTDB id 1113 AAA85695.1 219..1451( )          WMVLIALGFAIYRFLKLKARSIKIQRRMDAILLRMPIFGDIVRKGTIARWGRTTATLFAAGVPLVDVLDSTAGAAGNLIY   309
NTDB id 1198 PSJM300 03950 AFN76868.1         YVVLAGFVGAAYAFKQAHTRSEKFRNWFDRLMLKVPVVGDILYKSSVARFARTLSTTFAAGVPLVDALDSVAGATGNVVF   305
NTDB id 1016 ACIAD RS01680 WP 004920476.1     FILILVIGAAIAGFLEARKRSKRFRDQLDRLVLRLPIVGDLVYKAIIARYSRTLATTFAAGVPLIDALASTAGATNNTVY   308
NTDB id 1059 ABD1 RS01610 WP 000279215.1      FIMIIAIGAVIAAFLEAKKRSKKFRDGLDKLALKLPIFGDLVYKAIIARYSRTLATTFAAGVPLIDALESTAGATNNVIY   308
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NTDB id 1252 GCO85 RS07730 WP 011213805.1     YIIFGALGGVVYSFFYAKNHSLEFAQTIDRVMLKLPVIGPILEKAAIARFARTLSITFAAGLPLVEALKSVAGATGNIIY   306
consensus                                     ************** ** *! *** *****!**!**!*** ** *!***!!*****!*!!*!*****! ********!***
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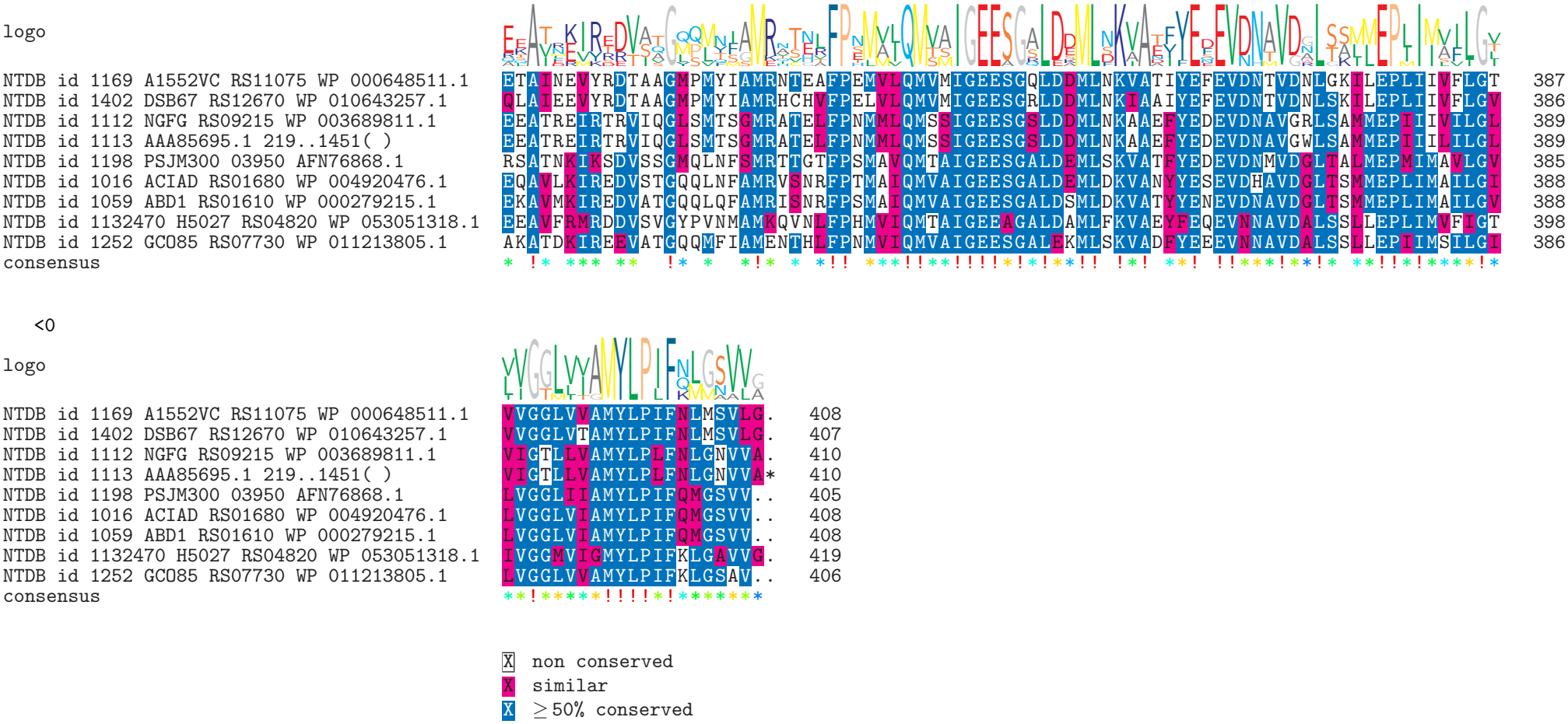
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NTDB id 1402 DSB67 RS12670 WP 010643257.1 QLAIEEVYRDTAAGMPMYIAMRHCHVFPELVLQMVMIGEESGRLDDMLNKIAAIYEFEVDNTVDNLSKILEPLIIVFLGV 386
NTDB id 1112 NGFG RS09215 WP 003689811.1 EEATREIRTRVIQGLSMTSCMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGRLSAMMEPIIIVILGL 389
NTDB id 1113 AAA85695.1 219..1451( ) EEATREIRTRVIQGLSMTSCMRATELFPNMMLQMSSIGEESGSLDDMLNKAAEFYEDEVDNAVGWLSAMMEPIIILILGL 389
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consensus
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NTDB id 1169 A1552VC RS11075 WP 000648511.1 VVGGLVVAMYLPIFNLMSVLG. 408
NTDB id 1402 DSB67 RS12670 WP 010643257.1 VVGGLVTAMYLPIFNLMSVLG. 407
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NTDB id 1113 AAA85695.1 219..1451( ) VIGTLLVAMYLPLFNLGNVVA* 410
NTDB id 1198 PSJM300 03950 AFN76868.1 LVGGLIIAMYLPIFQMGSVV.. 405
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consensus
X non conserved
X similar
X ≥ 50% conserved