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NTDB id 587 KW2 RS10850 WP 042211510.1          .......MQTDILRLLRPKGKKLALIKQAKLIQLMGNLLNNGFNLGEVINFLALSKLVEKEFVFKMHQGLSSGKSLSEIL   73
NTDB id 430 SGO RS09415 WP 012130941.1          ...MISFLQQDISILSKQKQKKLGTSKQKQVIELFNNLFSSGFHLAETVDFLGRSALLEKNYVQQMRQGLANGQAFSEIM   77
NTDB id 271 KZH43 RS09260 WP 074196785.1        .........MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMM   71
NTDB id 230 SPD RS09890 WP 074196785.1          .........MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMM   71
NTDB id 196 SPR RS09425 WP 074196785.1          .........MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMM   71
NTDB id 161 SP RS10375 WP 074196785.1           .........MDISQVFRLRRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRVGLSQGKSFSEMM   71
NTDB id 529 SMSK321 RS09235 WP 080550783.1      .........MDISQVFRLKRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRTDLSQGKSFSEMM   71
NTDB id 501 SM12261 RS00950 WP 004238896.1      .........MDISQVFRLKRKKLATAKQKNIITLFNNLFSSGFHLVETISFLDRSALLDKQCVTQMRAGLSQGKSFSEMM   71
NTDB id 1140323 DQN23 RS00710 WP 020915988.1    MSKLKALLGTDILALRKQKSKKLPFKKQQKVIQLFNNLFNSGFNLTEIVSFLRRSQLLAEVYVDSMQESLLSGASLADMM   80
NTDB id 395 FSA28 RS09400 WP 257638827.1        ....MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGLLNGLHLAEIM   76
NTDB id 386 SMU RS09030 WP 255262721.1          ....MTFLQQDISLKEKHKQKKLKIKKQRKVIQLFNNLFTSGFNLTEIIDFLERSHLLAEIYTKKMRQGLLNGLHLAEIM   76
consensus                                                *!!*********!!!***!!****!*!**!!***!!*!*!***!!**!*!*********!* *!**!*******
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NTDB id 587 KW2 RS10850 WP 042211510.1          ESLSFSKNVVTQLALVEVHGNLVGTMQLVELHLKKQLKVKKKLIEVATYPVVLLVFLIGIMWGLKNYLLPQLDKGNNFAT   153
NTDB id 430 SGO RS09415 WP 012130941.1          ASLGFSDAVVTQLSLAELHGNLSLALLKIEEYLDNLAKVKKKLIEVATYPMMLLGFLVLIMIGLRNYLLPQLSSQ.NFAT   156
NTDB id 271 KZH43 RS09260 WP 074196785.1        ESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 230 SPD RS09890 WP 074196785.1          ESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 196 SPR RS09425 WP 074196785.1          ESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 161 SP RS10375 WP 074196785.1           ESLGCSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 529 SMSK321 RS09235 WP 080550783.1      ESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLSIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 501 SM12261 RS00950 WP 004238896.1      ESLGFSSAIVTQLSLAEVHGNLHLSLGKIEEYLDNLAKVKKKLIEVATYPLILLGFLLLIMLGLRNYLLPQLDSS.NIAT   150
NTDB id 1140323 DQN23 RS00710 WP 020915988.1    AKLGFSDTIVTQIALADVHGNCQQSLLKIDGYLASMSVVRKKLIEVATYPLILFSFLILIMLGLKNYLLPQLENQ.NFAT   159
NTDB id 395 FSA28 RS09400 WP 257638827.1        SSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLEKG.NFAT   155
NTDB id 386 SMU RS09030 WP 255262721.1          SSLGFSDDVVTQLALSEVHGNTQKSLLKIESYLNNLILVKKKLVEVITYPIILLIFLVVIMLGLKNYLLPQLERG.NFAT   155
consensus                                       **!**!***!!!**!***!!!**********!*****!*!!!*!!*!!!**!**!!**!!*!!*!!!!!!!!*** !*!!
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NTDB id 587 KW2 RS10850 WP 042211510.1          LLINHLPLVFFSVGALIVLLTSLSIIIFKHISALTNFTFLVKVPLVSSFIRLYLTAYFSREWGNLIAQGVELRQIIELMK   233
NTDB id 430 SGO RS09415 WP 012130941.1          QLIGHLPTIFLLTVLMLLGLTGAIYLVFKGQKRIPVYSFLARLPFVGSFVRIYLTAYYAREWGNMIGQGLELSQIFQIMQ   236
NTDB id 271 KZH43 RS09260 WP 074196785.1        QIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQ   230
NTDB id 230 SPD RS09890 WP 074196785.1          QIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQ   230
NTDB id 196 SPR RS09425 WP 074196785.1          QIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQ   230
NTDB id 161 SP RS10375 WP 074196785.1           QIIGNLPQIFLGMVGLVSVLALLALTFYKRSSKMSVFSILARLPFIGIFVQTYLTAYYAREWGNMISQGMELTQIFQMMQ   230
NTDB id 529 SMSK321 RS09235 WP 080550783.1      QIIGNLPQIFLGMVGLVSLLTLLALTFYKRSSKMRVFSILARIPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQ   230
NTDB id 501 SM12261 RS00950 WP 004238896.1      QIIGNLPQIFLGMVGFVSVGVLLALTFYKRGSKMRVFSILARIPFLGIFVQTYLTAYYAREWGNMISQGMELTQIFQIMQ   230
NTDB id 1140323 DQN23 RS00710 WP 020915988.1    QIISHFPMIFLGGFALLALGILLGVLYAEHLSPIYLYSQLSRLPIFGRHVRLYLTAYYAREWGNLIGQGIELMEIVELMQ   239
NTDB id 395 FSA28 RS09400 WP 257638827.1        RLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFVGKYLQLYLTAYYAREWGNLIGQGVEMAQIVRLMQ   235
NTDB id 386 SMU RS09030 WP 255262721.1          RLISNFPILFLLGCCFFILLVGIFTFFSRKISRLHLIGFCSHLPFAGKYLQLYLTAYYAREWGNLIGQGVEMAQIVRLMQ   235
consensus                                       **!***!**!********** ********* *** ********!*********!!!!!**!!!!!*!*!!*!***!***!*
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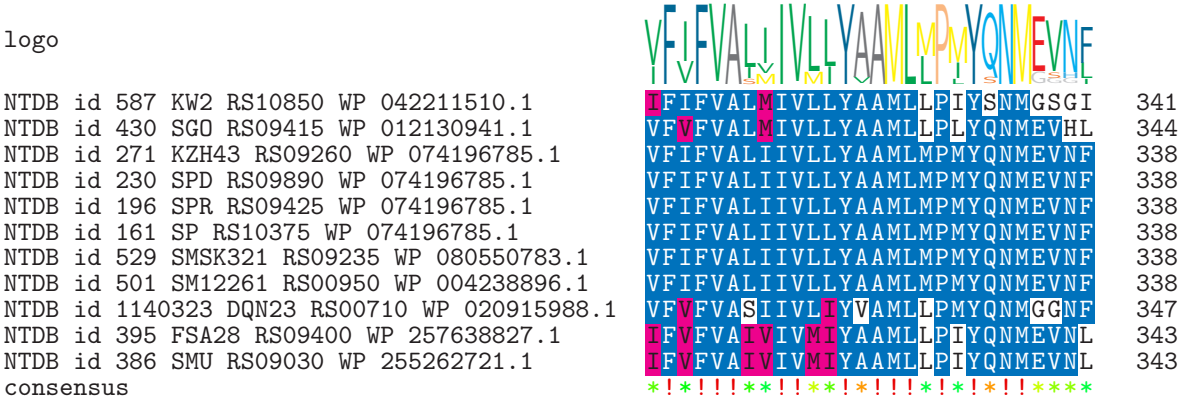

X non conserved
X similar
X ≥ 50% conserved