```
logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1  .......MKDQDLAAWLALCFTPKLGSKTISHLLATRLPAQLQSFTPKQ..WLACGLKPEQLVFLTT.QAAKQAEQCLQW   70
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ....MTPQNDIDLAAWLKLSCLPGIGGVKMNKLLSKDTPSNIVQYSTEQ..LQLLGLTAKQLQAW.S.QVDKEVDACLTW   72
NTDB id 1314 DR RS00625 WP 010886768.1       MTLPSPAAAHAELLALLTLRFTPGLGPRRIENLRRHFGSAEAALAAPLTELRRVEGLDSRSVAAIGGAKAAEEARA.ELN   79
NTDB id 37428 MESIL RS05270 WP 013157527.1  .............MDALALAFTPNVGPKRLQQALERTDLSPEAVEQ...VLGREIGAAYRKVL......GSGRAEQ.ERE   57
NTDB id 1037 TT RS09535 WP 011174226.1       .............MDPLALALLPGIGPKRLLEVLKAEDPLG........FLRERFPEAWRHLP.....EAEAQAER.ERR   53
consensus                                                 **** !*! **!**!****  **    *         *    **  * *       *   **  *

logo
NTDB id 1152 A1552VC RS00200 WP 000654772.1  RSAANNRYIVTPHCPLYPRLLKEINSSPPVLFIEGIWEA.......VHDPAVAIVGSRNASVDGRQIARQFATELAQSGL  143
NTDB id 1399 DSB67 RS15600 WP 010645755.1    VAASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASC.......LPQPQIAMVGSRNASVDGLQHTRTFASDLVQHDL  145
NTDB id 1314 DR RS00625 WP 010886768.1       KAAERGVTLLGRGLPGYPAALEALGDPPAVLWVRGAGGAELLAGLGTVPHSVGIVGTRAASPHALALTRTIAGELAAAGV  159
NTDB id 37428 MESIL RS05270 WP 013157527.1  KALALGVRIIGLWDPEYPEPLRHLASPPSVLYLKGSL........GDPGRSVAIVGTRRASAWAKAWTRKVARELAEAGV  129
NTDB id 1037 TT RS09535 WP 011174226.1       RAEALGVRLLGLWEEGFPEGLKALPQPPTHLYLKGEL........PPEREAVALVGTRRASPWALAFARKLARELSEAGL  125
consensus                                    **** ** **** ** *!  !* *  *! *!***!              ***!!*! !!  *** *! *! *!* ***

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  VVTSGLALGIDGYAHDGALQA.....QGQTVAVLGSGLAQVYPKQHQGLAERIIAQGALVSEFAPHTPPKADHFPRRNRI  218
NTDB id 1399 DSB67 RS15600 WP 010645755.1    IVTSGLALGIDGHAHDGALLA.....GGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRI  220
NTDB id 1314 DR RS00625 WP 010886768.1       LIVSGLARGVDTAAHTAALEAASGEASSPTIGVLGSAVDVIYPRENHDLAGRM....VVSEYPLGTGPAQHHFPSRNRV  235
NTDB id 37428 MESIL RS05270 WP 013157527.1  GVISGLALGIDTEAHAGALEG.....GGYTLGVLGSAVDQVYPPANRGLAERM....NLLSEFPLGTSPKAEFFPRRNRI  200
NTDB id 1037 TT RS09535 WP 011174226.1       WVVSGLARGIDREAHLGALEA.....GGRTLGVLGSALDRVYPPENRPLAQRM....DLLSEFPFGTGPKPEFFPRRNRL  196
consensus                                    ***!!!!*!*!  !! *!!**     ** !**!!!!*****!!  ***!! !*     **!!** ** !*** !!*!!!*

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  ISGLSLGVVVVEAAEKSGSLITARYAAEQGREVFVVPGSIFNAASQGSNQLIRQGACLVQSVQQIHQELKNALTWSLSEQ  298
NTDB id 1399 DSB67 RS15600 WP 010645755.1    ISGLSLGVLVVEAAEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQS  300
NTDB id 1314 DR RS00625 WP 010886768.1       IAALSAGVLVVEGERKSGSLITATHALDCGRTVFAVPGRAGDPRASGPHALIRDGAVLTESAQDVLTEL....NWGLAPA  311
NTDB id 37428 MESIL RS05270 WP 013157527.1  VAGLARAVIVAEAGAKSGALITAKFALEQGIDVLAVPGRPADASSEGCNRLIQDGAGLVMGSEDILMAL....GFAAPRN  276
NTDB id 1037 TT RS09535 WP 011174226.1       IAGLCRAVVVVEAPLDSGALITARHALELGKEVLAVPGRPMDERSLGANRLIQDGAYPVLSAEDVLSYL....GMSARPK  272
consensus                                    ***!* *!*!*!** *!!*!!!!**!***!**!***!**  *  * ! * !!**!! ** * **** **     ***

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NTDB id 1152 A1552VC RS00200 WP 000654772.1  VP......YQATLFSAVQSDEELPFPELLANVGIEATPIDILASRTQIPVQDIMMQLLELELLGHVVAVPGGYIRKGRG  371
NTDB id 1399 DSB67 RS15600 WP 010645755.1    L.........DLFSAPIDEEELPFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG  369
NTDB id 1314 DR RS00625 WP 010886768.1       PAVPDLPPEQARVLRALQT..............P..ATLDDLAATTGLSIPELQTALVMLQLQGLAYEVG.GRWSR...  370
NTDB id 37428 MESIL RS05270 WP 013157527.1  PPV.ALEGREASVYRTLLE..............MGETLPDDLALSLDLPLSEVLAVLSMLELKGHALSLPGGRYGPG..  338
NTDB id 1037 TT RS09535 WP 011174226.1       PLP.GLSPEEEALYALLQE..............KKEALPEALAMALGIPPERVLSLLTLLELKGLARALPGGRYGPG..  334
consensus                                    *    *    * ** ****                * ** !!  * *** ***  !**!*! !*******!** **
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X non conserved
X similar
X $\geq$ 50% conserved