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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQ.ENGIAAAA.....    71
NTDB id 1038 HON27 RS01510 WP 000993725.1     ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENAVN.EGAVPTKLSDV..    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALS.RGWSVKSGTGTED    71
NTDB id 1197 PSJM300 03940 AFN76866.1         ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLTSTDE.    72
NTDB id 1204 PSJM300 03935 AFN76865.1         ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLVSSLP.    74
NTDB id 1191 AAC28468.1 484..945( )           ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG    74
NTDB id 1109 OK783 RS10670 WP 157147416.1     .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..    71
NTDB id 1119 NGFG RS11465 WP 017147169.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..    71
NTDB id 1188 NELON RS01755 WP 003772458.1     .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAF    73
NTDB id 1101907 Q9265 RS07730 WP 011408068.1  ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTTRAKLSEALTMSAPAKLAVTETASSLGGVANVTLAN..    70
NTDB id 1424 RS RS02795 WP 011000517.1        MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1     ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPST..    70
NTDB id 1274 LPP RS09530 WP 011214168.1       .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAAT..    69
consensus                                                **!!*!!!!!!!*!!***!!!*!*!*!**!* ** *****      ******     *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1        ......TLAQLGVDVAANDLGAIDSA....LAGG...SPTLTFTF......DADSSIDGGILTFTRD.............    119
NTDB id 1038 HON27 RS01510 WP 000993725.1     ...........GFTAATSSVCATYSIDAFTETDG...AGKIT.CTL...KG..NPKIATKIVELTRS.............    116
NTDB id 1192 PAKAF RS23870 WP 024947914.1     AT...KKEVPLGVAADANKLGTIALKP..DPADG...TADITLTFT...MGGAGPKNKGKIITLTRTA............    128
NTDB id 1197 PSJM300 03940 AFN76866.1         ........GYIGITDSTS.YCDVDLD...TAADG...H..IE.CTA...KGGNAGKFDGKTITLNRT.............    118
NTDB id 1204 PSJM300 03935 AFN76865.1         ........GFIGIGASTN.YCTVTLI...ATATG...S..IT.CTT...QNGMPDRFNGKTITIART.............    120
NTDB id 1191 AAC28468.1 484..945( )           NVIFDSA..........NGLDGKYFAPG.GVTVT.PDTGAINIAFDAG.......ANAGKTMTITPTVI.......AASG    128
NTDB id 1109 OK783 RS10670 WP 157147416.1     ...........GVASA.STIKGKYVQKV.EVAKG.....VVTAQMAS...TGVNKEIQDKKLSLWA..........KRQD    120
NTDB id 1119 NGFG RS11465 WP 017147169.1      ...........GVASPPTDIKGKYVKEV.EVKNG.....VVTATMLS...SGVNNEIKGKKLSLWG..........RREN    121
NTDB id 1188 NELON RS01755 WP 003772458.1     NKTAAAGGGAGGAAAAGTQHASKYVKSV.KVTEA..SPWDITVAISATEANGIPTGLDGNTIRLFPLVNK.AVP.AATST    148
NTDB id 1101907 Q9265 RS07730 WP 011408068.1  .....SGY........SFPGATKYVSNV.TIADG...TGLVTVTST.V.......PNAAGTILLTPKD.........VGG    116
NTDB id 1424 RS RS02795 WP 011000517.1        ...........GSSVF...TPTKNVANL.TIAGTGTVPGQITVTYT.T.......AAGGGTLALVPTAAGTALPVSSAPS    131
NTDB id 1002 ACIAD RS15100 WP 004923779.1     .....AGSSCVGVQEISASNATTNVATA...TCGASSAGQIIVTMDTT.......KAKGANITLTPT..........YAS    125
NTDB id 1274 LPP RS09530 WP 011214168.1       .....GYV.........SPAATPNVASI...AIGA..NGVITITY.TA.......AAGGGTIVMTPTL.........QAN    113
NTDB id 1258 GCO85 RS09745 WP 014844212.1     .....GYV.........SPAATPNVQSI...AIGA..NGVITITY.TA.......AAGGGTIIMTPTL.........QAN    113
consensus                                                *         *  *       * *    * ****              * ***** *
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NTDB id 1292 VP RS12235 WP 005479693.1        AATGWSCLPT....................APAIA.VDGCS............   139
NTDB id 1038 HON27 RS01510 WP 000993725.1     TDGAWTCVSD....................VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1     ADGLWKCTSD....................QDEQFIPKGCSK...........   150
NTDB id 1197 PSJM300 03940 AFN76866.1         ADGEWSCAST....................LDAKYKPGKCS............   139
NTDB id 1204 PSJM300 03935 AFN76865.1         TDGLWDCTSD....................LDSRYKPGKCL............   141
NTDB id 1191 AAC28468.1 484..945( )           QISTWTCAPG...............AANGIETRRLPTSCQ*...........   153
NTDB id 1109 OK783 RS10670 WP 157147416.1     GSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1      GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1188 NELON RS01755 WP 003772458.1     GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK............   188
NTDB id 1101907 Q9265 RS07730 WP 011408068.1  GQLKWTCSSA....................ILTKYLPAECRSSGT........   141
NTDB id 1424 RS RS02795 WP 011000517.1        GPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1     GAVTWKCTTT....................S.DKKYVPSECRG...........   147
NTDB id 1274 LPP RS09530 WP 011214168.1       GDVTWTCTGG...................TLLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1     GDVTWTCTGG...................TLLAKYRPASCRP...........   136
consensus                                     * * !*!                      *  ** *  !*
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X non conserved

X similar

X ≥50% conserved