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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1   ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGY.ENAVNEGAVPTKLSD.VGF....    71
NTDB id 1204 PSJM300 03935 AFN76865.1       ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAF.EQAISEGHTPSLVSSLPGF....    76
NTDB id 1197 PSJM300 03940 AFN76866.1       ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGF.EQAINEGKTPSLTSTDEGY....    74
NTDB id 1191 AAC28468.1 484..945( )         ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQAIEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNVIF.    78
NTDB id 1400 DSB67 RS12660 WP 010643261.1   ...MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKTKCHQ....    78
NTDB id 1109 OK783 RS10670 WP 157147416.1   .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTS........    70
NTDB id 1119 NGFG RS11465 WP 017147169.1    .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTS........    70
NTDB id 1188 NELON RS01755 WP 003772458.1   .......MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAFNKTAA    78
NTDB id 1424 RS RS02795 WP 011000517.1      MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV..........    74
NTDB id 1002 ACIAD RS15100 WP 004923779.1   ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPS........    69
NTDB id 72372 GYH29 RS01820 WP 043592285.1  .......MQKTQQGFTLIELMIVVAIIGILAAIAIPAYQDYTARAKVTEGMNAAGAAKTAVSEYAISQGALPSSLAS........    70
NTDB id 1274 LPP RS09530 WP 011214168.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA........    68
NTDB id 1258 GCO85 RS09745 WP 014844212.1   .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAA........    68
consensus                                                **!!*!!!!!!!*!!*!!!!!*!*!*!**!* ** *****  *   * **** **  *  *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1   ....TAATS.............SVCATYSIDAFTETDGACKITCT......LKGN..PKIATKIVELTRS..............TD   118
NTDB id 1204 PSJM300 03935 AFN76865.1       ....IGIGA...........STNYCT.....VTLIATATGSITCT......TQNGMPDRFNGKTITIART.............TD   122
NTDB id 1197 PSJM300 03940 AFN76866.1       ....IGITD...........STSYCD.....VDLDTAADGHIECT......AKGGNAGKFDGKTITLNRT.............AD   120
NTDB id 1191 AAC28468.1 484..945( )         ......DSA.......NGLDGKYFA...PGGVTVTPDTGAINIA.........FDAGANAGKTMTITPTVI.......AASGQI   130
NTDB id 1400 DSB67 RS12660 WP 010643261.1   ..TANGIPA.......AFTLNNLT...VTPAAGA.ASGAISITVN....AANDKGPIKQNEKYILT..........ATYASNG   134
NTDB id 1109 OK783 RS10670 WP 157147416.1   ....AGVASA.......STIKGKY.....VQKVEVA.KG.VVTAQ.....MASTGVNKEIQDKKLSLWAK..........RQDGS   122
NTDB id 1119 NGFG RS11465 WP 017147169.1    ....AGVASP......PTDIKGKY.....VKEVEVK.NG.VVTAT.....MLSSGVNNEIKGKKLSLWGR..........RENGS   123
NTDB id 1188 NELON RS01755 WP 003772458.1   AGGGAGGAAAAGTQH.....ASKY.....VKSVKVT.EASPWDITVAISATEANGIPTGLDGNTIRLFPLVNKA.VP.AATSTGA   150
NTDB id 1424 RS RS02795 WP 011000517.1      .....GSSV.........FTPTKN.....VANLTIA.GTGTVPGQ......ITVTYTTAAGGGTLALVPTAAGTALPVSSAPSGP   133
NTDB id 1002 ACIAD RS15100 WP 004923779.1   ....TAGSSCVGVQEISASNATTN.....VATATCG.ASSAGQII.......VTMDTTKAKGANITLTPT..........YASGA   127
NTDB id 72372 GYH29 RS01820 WP 043592285.1  ....AGVSS.........ASS.TY.....VTQTLIS.ASGVISIQ.......MRNINTDVNGNYFSLVPT..........LSSGT   118
NTDB id 1274 LPP RS09530 WP 011214168.1     ....TGYVS.........PAATPN.....VASIAIG.ANGVITIT.......YTA...AAGGGTIVMTPTL.........QANGD   115
NTDB id 1258 GCO85 RS09745 WP 014844212.1   ....TGYVS.........PAATPN.....VQSIAIG.ANGVITIT.......YTA...AAGGGTIIMTPTL.........QANGD   115
consensus                                       *  *                     *    *  * * ** *                 *  * *  *             *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1   GAWTGVSDV....................PTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1204 PSJM300 03935 AFN76865.1       GLWDCTSDL....................DSRYKPGKCL............   141
NTDB id 1197 PSJM300 03940 AFN76866.1       GEWSCASTL....................DAKYKPGKCS............   139
NTDB id 1191 AAC28468.1 484..945( )         STWTCAPGA................ANGIETRRLPTSCQ*...........   153
NTDB id 1400 DSB67 RS12660 WP 010643261.1   VTWSSECKD...............ATNAVQTSYCP...............   154
NTDB id 1109 OK783 RS10670 WP 157147416.1   VKWFCGQPVTRTGDNDDT..VADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1    VKWFCGQPVTRADDDTVA..DAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1188 NELON RS01755 WP 003772458.1   IDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK............   188
NTDB id 1424 RS RS02795 WP 011000517.1      IMWTCYAQNKAQAASSV...APSGTMSLAAKYAPAECR............   168
NTDB id 1002 ACIAD RS15100 WP 004923779.1   VTWKCTTTS....................DKKYVPSECRG...........   147
NTDB id 72372 GYH29 RS01820 WP 043592285.1  VTWACRAGDGS..........GSGSNAIPTKYLPANCR............   146
NTDB id 1274 LPP RS09530 WP 011214168.1     VTWTCTGGT....................LLAKYRPASCRP...........   136
NTDB id 1258 GCO85 RS09745 WP 014844212.1   VTWTCTGGT....................LLAKYRPASCRP...........   136
consensus                                   * ! *                        *  ** !  **
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X non conserved
X similar
X $\geq$ 50% conserved