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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1        ....MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYEN.AVNEGAVPTKLSDV......    69
NTDB id 1192 PAKAF RS23870 WP 024947914.1        ....MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEE.ALSRGWSVKSGTGTEDATKK    75
NTDB id 1197 PSJM300 03940 AFN76866.1            ..MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQ.AINEGKTPSLTSTDE.....    72
NTDB id 1204 PSJM300 03935 AFN76865.1            MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQ.AISEGHTPSLVSSLP.....    74
NTDB id 1119 NGFG RS11465 WP 017147169.1         ...MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSAGV....    73
NTDB id 1109 OK783 RS10670 WP 157147416.1        ...MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV....    73
NTDB id 1191 AAC28468.1 484..945( )              ..MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNVIF    78
NTDB id 149979 ECTOBSL9 RS16335 WP 082829697.1  ....MQRQQGFTLIELMIVVAIIGILAAIALPAYQNYTVRAQVSEIILAASAGRTDISEYVSVEGELPPATYTVET....    72
NTDB id 1188 NELON RS01755 WP 003772458.1        ...MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGMTAAAKAFNKTA    77
NTDB id 1002 ACIAD RS15100 WP 004923779.1        ....MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTA.....    71
NTDB id 1274 LPP RS09530 WP 011214168.1          .....MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG.....    70
NTDB id 1258 GCO85 RS09745 WP 014844212.1        .....MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATG.....    70
consensus                                                **!!*!!!!!!!*!!*!!!!!*!*!*!**!**** ***** *   ****** *  *  *      *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1        ............GFTAATSSVCATYSIDAF.TETDGAGKIT.CT...LKG..NPKIATKIVELT..........RS.TDG    119
NTDB id 1192 PAKAF RS23870 WP 024947914.1        E...V.....PLGVAADANKLGTIALKP...DPADGTADITLTF...TMGGAGPKNKGKIITLT..........RTAADG    131
NTDB id 1197 PSJM300 03940 AFN76866.1            ....G.....YIGITDSTS.YCDVDLD....TAADGH..IE.CT...AKGGNAGKFDGKTITLN..........RT.ADG    121
NTDB id 1204 PSJM300 03935 AFN76865.1            ....G.....FIGIGASTN.YCTVTLI....ATATGS..IT.CT...TQNGMPDRFNGKTITIA..........RT.TDG    123
NTDB id 1119 NGFG RS11465 WP 017147169.1         ..............ASPPTDIKGKYVKEVEV....KNGVVTATM...LSSGVNNEIKGKKLSLWGR........RENGSV    124
NTDB id 1109 OK783 RS10670 WP 157147416.1        ..............ASA.STIKGKYVQKVEV....AKGVVTAQM...ASTGVNKEIQDKKLSLWAK........RQDGSV    123
NTDB id 1191 AAC28468.1 484..945( )              DSANGLDG................KYFAPGGVTVTPDTGAINIAFDAG.......ANAGKTMTITPTVI.....AASGQIS    131
NTDB id 149979 ECTOBSL9 RS16335 WP 082829697.1  ............................QQST.KVASSTWDGTDVI.VTAATGIHDDVDGETINLRPNVT........GNTA    116
NTDB id 1188 NELON RS01755 WP 003772458.1        AAGGGAGGAAAAGTQHA.....SKYVKSVK.VTEASPWDITVAISATEANGIPTGLDGNTIRLFPLVNKAVPAATSTGAI    151
NTDB id 1002 ACIAD RS15100 WP 004923779.1        .......GSSCVGVQEISASNATTNVATAT.CGASSAGQIIVTMDTT.......KAKGANITL.......TPT.YASGAV    128
NTDB id 1274 LPP RS09530 WP 011214168.1          .......YV.........SPAATPNVASIA.IGA..NGVITITY.TA.......AAGGGTIVM.......TPTLQANGDV    116
NTDB id 1258 GCO85 RS09745 WP 014844212.1        .......YV.........SPAATPNVQSIA.IGA..NGVITITY.TA.......AAGGGTIIM.......TPTLQANGDV    116
consensus                                                                  *       *   * **         *      ******            *
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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1038 HON27 RS01510 WP 000993725.1        AWTCVS....................DVPTEFLPKGCTAGTPTEGAITSL    149
NTDB id 1192 PAKAF RS23870 WP 024947914.1        LWKCTS....................DQDEQFIPKGCSK...........    150
NTDB id 1197 PSJM300 03940 AFN76866.1            EWSCAS....................TLDAKYKPGKCS............    139
NTDB id 1204 PSJM300 03935 AFN76865.1            LWDCTS....................DLDSRYKPGKCL............    141
NTDB id 1119 NGFG RS11465 WP 017147169.1         KWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK.....    166
NTDB id 1109 OK783 RS10670 WP 157147416.1        KWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT......    164
NTDB id 1191 AAC28468.1 484..945( )              TWTCAPGAAN................GIETRRLPTSCQ*...........    153
NTDB id 149979 ECTOBSL9 RS16335 WP 082829697.1  NWTCG....................GSIPARFRPASCRDFDI........    138
NTDB id 1188 NELON RS01755 WP 003772458.1        DWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK...........    188
NTDB id 1002 ACIAD RS15100 WP 004923779.1        TWKCTT....................TS.DKKYVPSECRG..........    147
NTDB id 1274 LPP RS09530 WP 011214168.1          TWTCTG....................GTLLAKYRPASCRP..........    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1        TWTCTG....................GTLLAKYRPASCRP..........    136
consensus                                         ! !                       **  **  !   !*
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X non conserved
X similar
X $\geq$ 50% conserved