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logo
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                
NTDB id 1292 VP RS12235 WP 005479693.1      ...MKHSKQKKQQGFTLIELMIVVAIIGVLAAAAIPAYQNYVTRSEVTSGLATVKALITPAELHYQE.NGIAA........AATL    73
NTDB id 1192 PAKAF RS23870 WP 024947914.1   ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEALSR.GWSVKSGTGTEDATKKE    76
NTDB id 1197 PSJM300 03940 AFN76866.1       ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAINE.GKTPSLTSTDE......    72
NTDB id 1204 PSJM300 03935 AFN76865.1       ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAISE.GHTPSLVSSLP......    74
NTDB id 1365 NTHI RS01955 WP 011271973.1    ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTNC...TGG.KN..    77
NTDB id 1109 OK783 RS10670 WP 157147416.1   .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSAGV.A...    74
NTDB id 1191 AAC28468.1 484..945( )         ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAG.N...    75
NTDB id 1424 RS RS02795 WP 011000517.1      MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSVGS.........    76
NTDB id 143846 TP45 RS17555 WP 007962467.1  ........MKKQQGFTLIELMIVVAIIAILAAIALPAYQDYTIRSRVSELAVMASSFKTTVAENIANNGGTLPAD.......ACV    70
NTDB id 1002 ACIAD RS15100 WP 004923779.1   ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAGTPSTAG.SSCV    76
NTDB id 1274 LPP RS09530 WP 011214168.1     .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY.V...    72
NTDB id 1258 GCO85 RS09745 WP 014844212.1   .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPATQAATGY.V...    72
consensus                                              **!!*!!!!!!!*!!***!!**!*!*!**!**** *****       *  * *     *

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NTDB id 1292 VP RS12235 WP 005479693.1      AQLGVDVAANDL..GAIDS......ALAGGSPTLTFTFD...ADSSIDGGILTFTRD.............AATGWSCLPT.....    129
NTDB id 1192 PAKAF RS23870 WP 024947914.1   VPLGVAADANKL..GTIAL..K..PDPADGTADITLTFTMGGAGPKNKGKIITLTRT............AADGLWKCTSD.....    138
NTDB id 1197 PSJM300 03940 AFN76866.1       GYIGITDSTS.Y..CDVDL..D...TAADGH..IE.CTAKGGNAGKFDGKTITLNRT.............ADGEWSCAST.....    128
NTDB id 1204 PSJM300 03935 AFN76865.1       GFIGIGASTN.Y..CTVTL..I...ATATGS..IT.CTTQNGMPDRFNGKTITIART.............TDGLWDCTSD.....    130
NTDB id 1365 NTHI RS01955 WP 011271973.1    ...GIA.ADITTAKGYVK.....SVTTSNG..AITVKGDG..........TLANMEY....ILQATGNAATGVTWTTCK.....    132
NTDB id 1109 OK783 RS10670 WP 157147416.1   .......SASTIKGKYVQKVEVA.....KG..VVTAQMASTGVNKEIQDKKLSLW..........AKRQDGSVKWFCGQPVTRTG    135
NTDB id 1191 AAC28468.1 484..945( )         ..VIFD.SANGLDGKYFAPGGVT.VTPDTG..AINIAFDA....GANAGKTMTITPTVIA.......ASGQISTWTCAPGAAN..    141
NTDB id 1424 RS RS02795 WP 011000517.1      ..SVF....TPT..KNVANLTIAGTGTVPG..QITVTYT.....TAAGGGTLALVPTAAGTALPVSSAPSGPIMWTCYAQNKAQA    146
NTDB id 143846 TP45 RS17555 WP 007962467.1  GVG....ATAAT..TNMAS..IACTPA.TG..NIVVTGDA....TRTKGTVLTYAPTVGA......ANSAVGTTWTCTGS.....    129
NTDB id 1002 ACIAD RS15100 WP 004923779.1   GVQEIS.ASNAT..TNVAT..ATCGASSAG..QIIVTMDT....TKAKGANITLTPT.YA......S...GAVTWKCTTT.....    135
NTDB id 1274 LPP RS09530 WP 011214168.1     .......SPAAT..PNVAS..IAIGA..NG..VITITY.T....AAAGGGTIVMTPTLQA......N...GDVTWTCTGG.....    123
NTDB id 1258 GCO85 RS09745 WP 014844212.1   .......SPAAT..PNVQS..IAIGA..NG..VITITY.T....AAAGGGTIIMTPTLQA......N...GDVTWTCTGG.....    123
consensus                                                 *    *       !   ****           * ****  *             *   !***

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NTDB id 1292 VP RS12235 WP 005479693.1      ............APAI.AVDGCS......    139
NTDB id 1192 PAKAF RS23870 WP 024947914.1   ............QDEQFIPKGCSK.....    150
NTDB id 1197 PSJM300 03940 AFN76866.1       ............LDAKYKPGKCS......    139
NTDB id 1204 PSJM300 03935 AFN76865.1       ............LDSRYKPGKCL......    141
NTDB id 1365 NTHI RS01955 WP 011271973.1    ...........GTDASLFPANFCGSVTQ.    149
NTDB id 1109 OK783 RS10670 WP 157147416.1   DNDDTVADANNAIDTKHLPSTCRDESSAT    164
NTDB id 1191 AAC28468.1 484..945( )         ...........GIETRRLPTSCQ*.....    153
NTDB id 1424 RS RS02795 WP 011000517.1      A.SSVAPSGTMSLAAKYAPAECR......    168
NTDB id 143846 TP45 RS17555 WP 007962467.1  ...........GSQSKYYPAECRR.....    142
NTDB id 1002 ACIAD RS15100 WP 004923779.1   ...........S.DKKYVPSECRG.....    147
NTDB id 1274 LPP RS09530 WP 011214168.1     ...........TLLAKYRPASCRP.....    136
NTDB id 1258 GCO85 RS09745 WP 014844212.1   ...........TLLAKYRPASCRP.....    136
consensus                                                ** ** ** *
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X non conserved
X similar
X $\geq$ 50% conserved