```
logo
NTDB id 20001 Locus 1 AAC28469.1          .....MLKMKGFTLIELMIVIAIIGILAAIALPAYDSYVGRSQAVEGFKLTSGLRDDIASIVADTNAFPTAAMVAPNGA.    74
NTDB id 1191 AAC28468.1 484..945( )       ...MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVAGNV.    76
NTDB id 1184 GTF74 RS02335 WP 000649326.1 MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGFT    80
NTDB id 1167 A1552VC RS11065 WP 000649326.1 MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGFT    80
NTDB id 1160 ABDM36 RS02330 WP 000649326.1 MKAYKNKQQKGFTLIELMIVVAVIGVLAAIAIPQYQNYVKKSAIGVGLANITALKTNIEDYIATEGSFPATTAGTAAGFT    80
NTDB id 1119 NGFG RS11465 WP 017147169.1  ....MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPENNTSA..G..    72
NTDB id 1109 OK783 RS10670 WP 157147416.1 ....MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKDNTSA..G..    72
NTDB id 1197 PSJM300 03940 AFN76866.1     ...MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQAIN.EGKTPSLTSTDE.GYI    75
NTDB id 1204 PSJM300 03935 AFN76865.1     .MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQAIS.EGHTPSLVSSLP.GFI    77
NTDB id 1188 NELON RS01755 WP 003772458.1 ....MKAMQKGFTLIELMIVIAIIGILAAIALPAYQDYTVRSKVSEALIAASSPKSALSEAFQTDGITGM.TAAAK.AFN    74
NTDB id 1258 GC085 RS09745 WP 014844212.1 ......MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPA.TQAAT.G..    70
NTDB id 1002 ACIAD RS15100 WP 004923779.1 .....MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVA.GTPST.A..    71
consensus                                     **!!*!!!!!!!*!**!*!!!*!*!*!**!* ** * ***   ** ** * * *   * **        *
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logo
NTDB id 20001 Locus 1 AAC28469.1          ................IGSIASSLDGKYVQNGGVTVTADTGVITVL....FDQGV...ISGSNMQLIPMFNN....ANRT   127
NTDB id 1191 AAC28468.1 484..945( )       ................IFDSANGLDGKYFAPGGVTVTPDTGAINIA....FDAGA...NAGKTMTITPTVIA.....ASG   128
NTDB id 1184 GTF74 RS02335 WP 000649326.1 RL.............GTVE..DMGDGKIVIAP....T.ASGALGGTIKYTFDAGV...VSSSKIQ...........LARD   126
NTDB id 1167 A1552VC RS11065 WP 000649326.1 RL.............GTVE..DMGDGKIVIAP....T.ASGALGGTIKYTFDAGV...VSSSKIQ...........LARD   126
NTDB id 1160 ABDM36 RS02330 WP 000649326.1 RL.............GTVE..DMGDGKIVIAP....T.ASGALGGTIKYTFDAGV...VSSSKIQ...........LARD   126
NTDB id 1119 NGFG RS11465 WP 017147169.1  ................VASPPTDIKGKYVKEVEV....KNGVVTATML...SSGVNNEIKGKKLSLWG........RREN   121
NTDB id 1109 OK783 RS10670 WP 157147416.1 ................VASA.STIKGKYVQKVEV....AKGVVTAQMA...STGVNKEIQDKKLSLWA........KRQD   120
NTDB id 1197 PSJM300 03940 AFN76866.1     ..................GI...TDSTSYCDVDLDTA.ADGH....IECTAKGGNAGKFDGKTITL...........NRT   118
NTDB id 1204 PSJM300 03935 AFN76865.1     ..................GI...GASTNYCTVTLIAT.ATGS....ITCTTQNGMPDRFNGKTITI...........ART   120
NTDB id 1188 NELON RS01755 WP 003772458.1 KTAAAGGGAGGAAAAGTQH.....ASKYVKSVKVTEA.SPWDITVAISATEANGIPTGLDGNTIRLFPLVNKAVPAATST   148
NTDB id 1258 GC085 RS09745 WP 014844212.1 ..........YV.........SPAATPNVQSIAIG...ANGVITITYTA.A.......AGGGTIIM.......TPTLQAN   113
NTDB id 1002 ACIAD RS15100 WP 004923779.1 ..........GSSCVGVQEISASNATTNVATATCGAS.SAGQIIVTMDTTK.......AKGANITL.......TP.TYAS   125
consensus                                                          ** *    *  * * * *   *  *   **   * *  * *
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   <0
logo
NTDB id 20001 Locus 1 AAC28469.1          QLIQWQCGG...................TLNSRYLPSSCQS......   149
NTDB id 1191 AAC28468.1 484..945( )       QISTWTCAP...............GAANGIETRRLPTSCQ*......   153
NTDB id 1184 GTF74 RS02335 WP 000649326.1 ANGLWTCSTTV...................TSEIAPKGCTAGATIN.   153
NTDB id 1167 A1552VC RS11065 WP 000649326.1 ANGLWTCSTTV...................TSEIAPKGCTAGATIN.   153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1 ANGLWTCSTTV...................TSEIAPKGCTAGATIN.   153
NTDB id 1119 NGFG RS11465 WP 017147169.1  GSVKWFCGQPVTRADDDTVADA..KDGKEIDTKHLPSTCRDKASDAK   166
NTDB id 1109 OK783 RS10670 WP 157147416.1 GSVKWFCGQPVTRTGDNDDTVA..DANNAIDTKHLPSTCRDESSAT.   164
NTDB id 1197 PSJM300 03940 AFN76866.1     ADGEWSCAS...................TLDAKYKPGKCS.......   139
NTDB id 1204 PSJM300 03935 AFN76865.1     TDGLWDCTS...................DLDSRYKPGKCL.......   141
NTDB id 1188 NELON RS01755 WP 003772458.1 GAIDWACASAAKETADKRFGTGSGVAVGTLPAKYAPSECK.......   188
NTDB id 1258 GC085 RS09745 WP 014844212.1 GDVTWTCTG...................GTLLAKYRPASCRP......   136
NTDB id 1002 ACIAD RS15100 WP 004923779.1 GAVTWKCTT...................TS.DKKYVPSECRG......   147
consensus                                 *   ! ! *                   * **  !  !
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X non conserved
X similar
X $\geq$ 50% conserved