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logo
NTDB id 1038 HON27 RS01510 WP 000993725.1      ........MNAQKGFTLIELMIVVAIIGILAAIAIPQYQNYIAKSQVNSGFSEISSIKTGYENA.VNEGAVPTKLSDV..   69
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ........MKAQKGFTLIELMIVVAIIGILAAIAIPQYQNYVARSEGASALASVNPLKTTVEEA.LSRGWSVKSGTGTED   71
NTDB id 1204 PSJM300 03935 AFN76865.1          ....MKPVKSSCRGFSLIELMIVVAIIGILAAIALPAYQNYTVRSTAASALAEITPAKAAFEQA.ISEGHTPSLVSSLP.   74
NTDB id 1197 PSJM300 03940 AFN76866.1          ......MKAQMQKGFTLIELMIVVAIIGILAAIALPAYQDYTVRSNAAAALAEITPGKIGFEQA.INEGKTPSLTSTDE.   72
NTDB id 1365 NTHI RS01955 WP 011271973.1       ..MKLTTQQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTN.....CT   73
NTDB id 1354 HI 0299 AAC21963.1                ..MKLTTLQTLKKGFTLIELMIVIAIIAILATIAIPSYQNYTKKAAVSELLQASAPYKADVELCVYSTNETTS.....CT   73
NTDB id 1191 AAC28468.1 484..945( )            ......MLKKVQKGFTLIELMIVIAIIGILAAIALPAYQDYTARAQATEGFKATAGLQTDLGAWRADRGSFPNAAALVA.   73
NTDB id 1400 DSB67 RS12660 WP 010643261.1      ...MKTNKQKKQQGFTLIELMIVVAIIGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVELCAHEHAADAGAFKTKCH   77
NTDB id 1110390 ACOBWA RS01705 WP 420230049.1 .......MNTAQKGFTLIELMIVIAIIGILAAIALPAYQDYTKRARVGEALSLAGGAKTAVTEFYSSNNSWPSD......   67
NTDB id 1109 OK783 RS10670 WP 157147416.1      .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGIWPKD......   67
NTDB id 1119 NGFG RS11465 WP 017147169.1       .......MNTLQKGFTLIELMIVIAIVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTEYYLNHGKWPEN......   67
NTDB id 1424 RS RS02795 WP 011000517.1         MKSMRHLNKRVQKGFTLIELMIVVAIVGILAAIAIPAYQDYTVRARVTEGLSLAAQAKALVSENAANAQSDLSV......   74
NTDB id 1002 ACIAD RS15100 WP 004923779.1      ........MNAQKGFTLIELMIVIAIIGILAAIAIPAYTDYTVRARVSEGLTAASSMKTTVSENILNAGALVAG......   66
NTDB id 1274 LPP RS09530 WP 011214168.1        .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT......   65
NTDB id 1258 GCO85 RS09745 WP 014844212.1      .........MRQKGFTLIELMIVVAIIGILAAIAIPAYQDYTIRARVTEGLTLADSAKLAVSETAITNNALPAT......   65
consensus                                                **!!*!!!!!!!*!!**!!!**!*!*!**!* ** *****      * **    *  *  *
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NTDB id 1038 HON27 RS01510 WP 000993725.1      ........GFT........AATSSVCATYSIDAFTETDGAGKIT.CTLKG..NPK.IATKIVELTRS.............   116
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ATKKEVPLGVA........ADANKLGTIALKP..DPADGTADITLTFTMGGAGPK.NKGKIITLTRT............A   128
NTDB id 1204 PSJM300 03935 AFN76865.1          .....GFIGIG........ASTN.YCTVTLI...ATATGS..IT.CTTQNGMPDR.FNGKTITIART.............   120
NTDB id 1197 PSJM300 03940 AFN76866.1          .....GYIGIT........DSTS.YCDVDLD...TAADGH..IE.CTAKGGNAGK.FDGKTITLNRT.............   118
NTDB id 1365 NTHI RS01955 WP 011271973.1       GGKNGIAADIT.........TAKGYVKSV.....TTSNG..AITVKGDGT......LANMEYILQAT.........GNAA   122
NTDB id 1354 HI 0299 AAC21963.1                GGKNGIAADIK.........TAKGYVASV.....ITQSG..GITVKGNGT......LANMEYILQAK.........GNAA   122
NTDB id 1191 AAC28468.1 484..945( )            ..........GNVIFDSANGLDGKYFAPGGVT.VTPDTG..AINIAFDAG....A.NAGKTMTITPTVI.......AASG   128
NTDB id 1400 DSB67 RS12660 WP 010643261.1      QTANGIPAAFT...........LNNLTVT..PAAGAASG..AISITVNAANDKGPIKQNEKYILTA..........TYAS   132
NTDB id 1110390 ACOBWA RS01705 WP 420230049.1 NAAAGLPSA.S........AINGNTVSSV.....TVASG..KISVIV.NDKVEKT.PANAVLVLSP..........SASG   119
NTDB id 1109 OK783 RS10670 WP 157147416.1      NTSAGVASA.S........TIKGKYVQKV.....EVAKG..VVTAQMASTGVNKE.IQDKKLSLWA..........KRQD   120
NTDB id 1119 NGFG RS11465 WP 017147169.1       NTSAGVASPPT........DIKGKYVKEV.....EVKNG..VVTATMLSSGVNNE.IKGKKLSLWG..........RREN   121
NTDB id 1424 RS RS02795 WP 011000517.1         ..........GSSVF.....TPTKNVANLTIAGTGTVPG..QITVTYT.T....A.AGGGTLALVPTAAGTALPVSSAPS   131
NTDB id 1002 ACIAD RS15100 WP 004923779.1      TPSTAGSSCVGVQEISA..SNATTNVATA..TCGASSAG..QIIVTMDTT....K.AKGANITLTPT..........YAS   125
NTDB id 1274 LPP RS09530 WP 011214168.1        QAATGYV.........S..PAATPNVASI..AIGA..NG..VITITY.TA....A.AGGGTIVMTPTL.........QAN   113
NTDB id 1258 GCO85 RS09745 WP 014844212.1      QAATGYV.........S..PAATPNVQSI..AIGA..NG..VITITY.TA....A.AGGGTIIMTPTL.........QAN   113
consensus                                          *                   *            !   ***             *  *  *  *
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NTDB id 1038 HON27 RS01510 WP 000993725.1      TDGAWTCVSD.................VPTEFLPKGCTAGTPTEGAITSL   149
NTDB id 1192 PAKAF RS23870 WP 024947914.1      ADGLWKCTSD.................QDEQFIPKGCSK...........   150
NTDB id 1204 PSJM300 03935 AFN76865.1          TDGLWDCTSD.................LDSRYKPGKCL............   141
NTDB id 1197 PSJM300 03940 AFN76866.1          ADGEWSCAST.................LDAKYKPGKCS............   139
NTDB id 1365 NTHI RS01955 WP 011271973.1       TGVTWTTTCK................GTDASLFPANFCGSVTQ.......   149
NTDB id 1354 HI 0299 AAC21963.1                AGVTWTTTCK................GTDASLFPANFCGSVTK.......   149
NTDB id 1191 AAC28468.1 484..945( )            QISTWTCAPG.............AANGIETRRLPTSCQ*...........   153
NTDB id 1400 DSB67 RS12660 WP 010643261.1      NGVTWSSECK............DATNAVQTSYCP...............   154
NTDB id 1110390 ACOBWA RS01705 WP 420230049.1  GSVTWNCTS.............DAGTKLDNKFLPSECRK...........   145
NTDB id 1109 OK783 RS10670 WP 157147416.1      GSVKWFCGQPVTRTGDNDDTVADANNAIDTKHLPSTCRDESSAT......   164
NTDB id 1119 NGFG RS11465 WP 017147169.1       GSVKWFCGQPVTRADDDTVADAKDGKEIDTKHLPSTCRDKASDAK.....   166
NTDB id 1424 RS RS02795 WP 011000517.1         GPIMWTCYAQNKAQAASS.VAPSGTMSLAAKYAPAECR............   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