

logo

NTDB id 1064 ABD1 RS15725 WP 001046490.1
 NTDB id 1006 ACIAD RS15005 WP 004923843.1
 NTDB id 1383 A4U84 RS08530 WP 005711781.1
 NTDB id 1365 NTHI RS01955 WP 011271973.1
 NTDB id 1354 HI 0299 AAC21963.1
 NTDB id 620 LCA RS06465 WP 041820876.1
 NTDB id 1088 NMV RS07470 WP 173277181.1
 NTDB id 1140 NGFG RS02440 WP 025455870.1
 NTDB id 1033 TT RS11945 WP 011173287.1
 NTDB id 1007 ACIAD RS15000 WP 004923844.1
 NTDB id 1292 VP RS12235 WP 005479693.1
 NTDB id 1109 OK783 RS10670 WP 157147416.1
 NTDB id 1119 NGFG RS11465 WP 017147169.1
 NTDB id 1197 PSJM300 03940 AFN76866.1
 NTDB id 1204 PSJM300 03935 AFN76865.1
 NTDB id 1079 FDQ49 RS11140 WP 022575996.1
 NTDB id 1038 HON27 RS01510 WP 000993725.1
 NTDB id 1309 DR RS02825 WP 034349477.1
 NTDB id 1400 DSB67 RS12660 WP 010643261.1
 NTDB id 1184 GTF74 RS02335 WP 000649326.1
 NTDB id 1167 A1552VC RS11065 WP 000649326.1
 NTDB id 1160 ABDM36 RS02330 WP 000649326.1
 NTDB id 1424 RS RS02795 WP 011000517.1
 NTDB id 1188 NELON RS01755 WP 003772458.1
 NTDB id 1191 AAC28468.1 484..945()
 NTDB id 1274 LPP RS09530 WP 011214168.1
 NTDB id 1258 GCO85 RS09745 WP 014844212.1
 NTDB id 1002 ACIAD RS15100 WP 004923779.1
 NTDB id 219102 B2D37 RS23985 WP 079203185.1
 NTDB id 1192 PAKAF RS23870 WP 024947914.1
 consensus

LP...R...G.....GYTIQIT..DDTTTGNLL..TNT.....AANGQTWVTKA 112
 QD...K....SGQTL..AKFDSTKQIVQLPLDTSNTKYTLAVV..DTTNNPLL..TSA.....NAIGQGWAIKA 130
 SS.GKN.....G...VRADKSDVP.....DAKYLKSISVA....SGVIT.VAGK.....GNIDGYGYTM 120
 TG.GKN.....G...IAADITT.....AKGYVKSVTTS....NGAIT.VKGD.....GTLANMEYIL 115
 TG.GKN.....G...IAADIKT.....AKGYVASVITQ...SGGIT.VKGN.....GTLANMEYIL 115
 HTITFKGA...G.....ESFR.....NHQLVLPETLT.VSNPAEWHLINIT..HNKGI...KPRTLKLL 126
 ER..FVS.....G...Y..KMNPKI.....AEKYNVSVHFVNKEKPR.....YSLVGVPKTGTGYTLSV 119
 EI..FVS.....G...Y..KMNPKI.....AKKYSVSVRFVDAEKPR.....YRLVGVPNAGTGYTLSV 119
 ALISLG.....L.....KSTPANVT.FSIVS..... 88
 GL.....GN....AASYPV.....TGT.....AFYT.LNLA.....VSDSNQGYVLTATA 102
 AQLGVDVAA.....NDL.....GA....ID..SALAGGSPT.LTFTFDAD...SSIDGGILTF 116
 SA.GVA.....SA.STI.....KGKYVQKVEVA....KGVVT.AQMA...STGVNKEIQDKKLSL 114
 SA.GVA.....SPPTDI.....KGKYVKEVEVK....NGVVT.ATML...SSGVNNEIKGKKLSL 115
 TDEGYIG.....ITDSTSY.....CDVDL.DTAADGHIE.CTAK...GGNAGKFDCKTIT. 114
 SLPGFIG.....IGASTNY.....CTVTL..IATATGSIT.CTTQ...NGMPDRFNGKTTIT. 116
 AVTAADKVSCKYGD AEI.....GGTAPNCT..ITYTFKS.SG....VSNKLTST 109
 DV.GFTA.....ATSS.....VCATYSIDAFTETDGA GKIT.CTLK.....GNPKIA 107
 C...DS.....TANL.....GTNA.....VATPGAIT.AAGAY.SLD....GTGSKFAV 104
 QT.....ANGIPAA.FTL.....NNLTVTPAA...GAASGAIS.ITVNAANDKG..PIKQNEKYIL 126
 GT.AAGFTRL.....GTV.....EDMGDGKIV.IAPTA.....SGALGGTIKY 109
 GT.AAGFTRL.....GTV.....EDMGDGKIV.IAPTA.....SGALGGTIKY 109
 GT.AAGFTRL.....GTV.....EDMGDGKIV.IAPTA.....SGALGGTIKY 109
GSSVFTPTKNV.....ANLTIAG...TGTVPQQIT.VTYTT.....AAGGGTLAL 115
 AK.AFNKTAAGGGGAGGAAAAGTQH.....ASKYVKSVKVT.EASPWDIT.VAISATEANGIPTGLDNTIRL 134
 LV.AGNV.....IFDSANGL.....DGKYFAPGGVTVTPDGTGAIN.IAFD...AG...ANAKTMTI 119
 AT.GYVS.....PAAT.....PNVASIAIG...ANGV..IT.ITYT...A....AAGGGTIIVM 106
 AT.GYVS.....PAAT.....PNVQSIAIG...ANGV..IT.ITYT...A....AAGGGTIIM 106
 ST.AGSS...CVGVQEISASNAT.....TNVATATCG...ASSAGQ...TIVT...MD..TTKAKGANITL 119
 61
 TE.DATKKEVPLGVAAD..ANKL.....GTIALKPDP...ADGTADIT.LTFT...MGGAGPKNKGIITL 124
 * * * * *

logo

NTDB id 1064 ABD1 RS15725 WP 001046490.1
 NTDB id 1006 ACIAD RS15005 WP 004923843.1
 NTDB id 1383 A4U84 RS08530 WP 005711781.1
 NTDB id 1365 NTHI RS01955 WP 011271973.1
 NTDB id 1354 HI 0299 AAC21963.1
 NTDB id 620 LCA RS06465 WP 041820876.1
 NTDB id 1088 NMV RS07470 WP 173277181.1
 NTDB id 1140 NGFG RS02440 WP 025455870.1
 NTDB id 1033 TT RS11945 WP 011173287.1
 NTDB id 1007 ACIAD RS15000 WP 004923844.1
 NTDB id 1292 VP RS12235 WP 005479693.1
 NTDB id 1109 OK783 RS10670 WP 157147416.1
 NTDB id 1119 NGFG RS11465 WP 017147169.1
 NTDB id 1197 PSJM300 03940 AFN76866.1
 NTDB id 1204 PSJM300 03935 AFN76865.1
 NTDB id 1079 FDQ49 RS11140 WP 022575996.1
 NTDB id 1038 HON27 RS01510 WP 000993725.1
 NTDB id 1309 DR RS02825 WP 034349477.1
 NTDB id 1400 DSB67 RS12660 WP 010643261.1
 NTDB id 1184 GTF74 RS02335 WP 000649326.1
 NTDB id 1167 A1552VC RS11065 WP 000649326.1
 NTDB id 1160 ABDM36 RS02330 WP 000649326.1
 NTDB id 1424 RS RS02795 WP 011000517.1
 NTDB id 1188 NELON RS01755 WP 003772458.1
 NTDB id 1191 AAC28468.1 484..945()
 NTDB id 1274 LPP RS09530 WP 011214168.1
 NTDB id 1258 GCO85 RS09745 WP 014844212.1
 NTDB id 1002 ACIAD RS15100 WP 004923779.1
 NTDB id 219102 B2D37 RS23985 WP 079203185.1
 NTDB id 1192 PAKAF RS23870 WP 024947914.1
 consensus

TTTTDSRNFNFIAKNSGLRCQ.....SLTATAVDNDCCGG.....TVTCN....VCETNSENWQ.. 160
 MSADNNNYSLLLTNTGFSCK.....NKTWAN.....ISSS....SCGTGSESW.. 169
 TP.K.....FANNNITWATSCQGA...DIS.....LFPANFCGQKATP..... 154
 QATG.....NAATGVTWTTTCKGT...DAS.....LFPANFCGSVTQ..... 149
 QAKG.....NAAAGVTWTTTCKGT...DAS.....LFPANFCGSVTK..... 149
 KSTLN.....NRE.....YQYKVMWVGLVHVQK..... 150
 WMNSV.....GDGYKCRDAASARA.....HLETLSSDVGCEAFSNRKK.. 157
 WMNSV.....GDGYKCRDATSAQV.....YLETLSANTGCEAFSNRKK.. 157
ASANSYCMI.....AGHSGGTVWFAATPDKGVYKTN.....TAVTSSQPESCP..... 131
 TPISS...TMQAGNGIIC.....LNQDCQKFWSKAATACSLSSNSTWDGR..... 144
TRDAATGWSCLPTAPAI.....AVDGC... 139
 WA.....KRQDGSVKWFCGQPVTRTGDNDT..VADANNAIDTKHLPSTCRDESSAT.. 164
 WG.....RRENGSVKWFCGQPVTRADDDTVA..DAKDGKEIDTKHLPSTCRDKASDAK.. 166
LNRTADGEWSCASTL.....DAKYKPGKCS... 139
IARTDGLWDCTSDL.....DSRYKPGKCL... 141
 TKIV.....MN.....VSETGILTKNSGT.....DTPVELLPQSFVAS... 142
 TKI.....VELTRSTDGAWTCVSDV.....PTEFLPKGCTAGTPTEGA 145
 TATSV.....TNKTFCFDGAKMGEGETGATGACTFSTSTGTGTGTGTGTGTGTGTGTSN..... 158
 TA.....TYASNGVTSSECKD.....ATNAVQTSYCP... 154
 TFDAG.....VVSSSKIQLARDANGLWTCSTTV.....TSEIAPKGCCTAGATIN.. 153
 TFDAG.....VVSSSKIQLARDANGLWTCSTTV.....TSEIAPKGCCTAGATIN.. 153
 TFDAG.....VVSSSKIQLARDANGLWTCSTTV.....TSEIAPKGCCTAGATIN.. 153
 VPTA.....AGTALPVSSAPSCPIMWTCYAQNKAQAASSVAPS...GTMSLAAKYAPAECR..... 168
 FPLV.....NKA.VP.AATSTGAIDWACASAAKETADKRFGTGSVAVGTLPAKYAPSECK..... 188
 TPTV.....IAASGQISTWTCAPGAANG.....IETRRLPTSQCQ*..... 153
 TPTL.....QAN..GDVTWTCGGT.....LLAKYRPAACRP..... 136
 TPTL.....QAN..GDVTWTCGGT.....LLAKYRPAACRP..... 136
 TP.T.....YAS..CAVTWKCTTTS.....DKKYVPESECRG..... 147
 61
 TR.....TA..ADGLWKCTSDQ.....DEQFIPKGC*SK..... 150

* * * *

logo

NTDB id 1064 ABD1 RS15725 WP 001046490.1	.....	160
NTDB id 1006 ACIAD RS15005 WP 004923843.1	.....	169
NTDB id 1383 A4U84 RS08530 WP 005711781.1	.....	154
NTDB id 1365 NTHI RS01955 WP 011271973.1	.....	149
NTDB id 1354 HI 0299 AAC21963.1	.....	149
NTDB id 620 LCA RS06465 WP 041820876.1	.....	150
NTDB id 1088 NMV RS07470 WP 173277181.1	.....	157
NTDB id 1140 NGFG RS02440 WP 025455870.1	.....	157
NTDB id 1033 TT RS11945 WP 011173287.1	.....	131
NTDB id 1007 ACIAD RS15000 WP 004923844.1	.....	144
NTDB id 1292 VP RS12235 WP 005479693.1	.....	139
NTDB id 1109 OK783 RS10670 WP 157147416.1	.....	164
NTDB id 1119 NGFG RS11465 WP 017147169.1	.....	166
NTDB id 1197 PSJM300 03940 AFN76866.1	.....	139
NTDB id 1204 PSJM300 03935 AFN76865.1	.....	141
NTDB id 1079 FDQ49 RS11140 WP 022575996.1	.....	142
NTDB id 1038 HON27 RS01510 WP 000993725.1	ITSL	149
NTDB id 1309 DR RS02825 WP 034349477.1	.....	158
NTDB id 1400 DSB67 RS12660 WP 010643261.1	.....	154
NTDB id 1184 GTF74 RS02335 WP 000649326.1	.....	153
NTDB id 1167 A1552VC RS11065 WP 000649326.1	.....	153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	.....	153
NTDB id 1424 RS RS02795 WP 011000517.1	.....	168
NTDB id 1188 NELON RS01755 WP 003772458.1	.....	188
NTDB id 1191 AAC28468.1 484..945( )	.....	153
NTDB id 1274 LPP RS09530 WP 011214168.1	.....	136
NTDB id 1258 GCO85 RS09745 WP 014844212.1	.....	136
NTDB id 1002 ACIAD RS15100 WP 004923779.1	.....	147
NTDB id 219102 B2D37 RS23985 WP 079203185.1	.....	61
NTDB id 1192 PAKAF RS23870 WP 024947914.1	.....	150

consensus

 non conserved
 similar
 ≥ 50% conserved