

logo

NTDB id 619 LCA RS06470 WP 011374999.1	MKKKRRKAF ⁺ FTLIE ⁺ MVV ⁺ LA ⁺ IA ⁺ IA ⁺ LIL ⁺ VA ⁺ PNLGAQKQRAEKKTDQALVTTLTQTQVELASDE.....	60
NTDB id 1064 ABD1 RS15725 WP 001046490.1	MNKYIILRFNQGFTLIE ⁺ LMVV ⁺ IV ⁺ IV ⁺ ATFASIAIPSYQSYSRRA ⁺ TASAAKSEILKLAEQLEQHKS....NF	67
NTDB id 1400 DSB67 RS12660 WP 010643261.1	MKTNKQKKQ ⁺ QGFTLIE ⁺ LMIV ⁺ VA ⁺ IGILAALAIPAYQDYTKKATMAEFPKIASSTKLAVEL.....	60
NTDB id 1184 GTF74 RS02335 WP 000649326.1	MKAYKNKQ ⁺ QKGF ⁺ TLIELMIV ⁺ VA ⁺ IGVLAATAIPQYQNYVKKSAIGVGLANITALKTNIED.....	60
NTDB id 1167 A1552VC RS11065 WP 000649326.1	MKAYKNKQ ⁺ QKGF ⁺ TLIELMIV ⁺ VA ⁺ IGVLAATAIPQYQNYVKKSAIGVGLANITALKTNIED.....	60
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	MKAYKNKQ ⁺ QKGF ⁺ TLIELMIV ⁺ VA ⁺ IGVLAATAIPQYQNYVKKSAIGVGLANITALKTNIED.....	60
NTDB id 1415 SGL RS07945 WP 010872381.1	MASNFKFKLLS ⁺ QLSKKRAEGGFTLIE ⁺ LVV ⁺ TI ⁺ IGVLAATAIPNLLGQVGKARESEAKSTIGA.....	63
NTDB id 1119 NGFG RS11465 WP 017147169.1	MNTLQKGF ⁺ TLIELMIV ⁺ IA ⁺ IVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTE.....	56
NTDB id 1109 OK783 RS10670 WP 157147416.1	MNTLQKGF ⁺ TLIELMIV ⁺ IA ⁺ IVGILAAVALPAYQDYTARAQVSEAILLAEGQKSAVTE.....	56
NTDB id 1197 PSJM300 03940 AFN76866.1	MKAQM ⁺ QKGF ⁺ TLIELMIV ⁺ VA ⁺ IGILAATAIPAYQDYTVRSNAAAA ⁺ LAET ⁺ TPGKIGFEQ.....A	58
NTDB id 1424 RS RS02795 WP 011000517.1	MKS.MRHLNKR ⁺ VQKGF ⁺ TLIELMIV ⁺ VA ⁺ IGILAAIAIPAYQDYTVR ⁺ ARVTEGLSLAAQAKALVSENAANAQSDLS	73
NTDB id 1309 DR RS02825 WP 034349477.1	MKNTTQGF ⁺ TLIEL ⁺ LIV ⁺ IA ⁺ IGILAAVLIPNLLGARAKANDSATQSYTR...NCY.....TAVE	55
NTDB id 1244 Cj0683 YP 002344101.1	M ⁺ NKAF ⁺ FTLIE ⁺ LVFV ⁺ IL ⁺ ILGILSSLSL ⁺ SFIN ⁺ TTKDEVKILKLKMDYE...MLS.....SALA	52
NTDB id 155113 CPIN17262 RS08510 WP 418228279.1	MKKAFTMIELVFVIVILGILAAISIPKLIATRDDAETV.....	38
NTDB id 1229 CJJ81176 RS06455 WP 002869328.1	MRKAFTTIELVFVIVILGILAAVALPKMSSSKDEAEVSKSLNNLK...TLI.....NDIS	52
consensus	***!***!***!***** * * * * *	

logo

NTDB id 619 LCA RS06470 WP 011374999.1	ICHQIKSLD.....EL.TDKYISKDQLKHAKEKGIT.....IEGGTVKQK.....	99
NTDB id 1064 ABD1 RS15725 WP 001046490.1	TYR...GFTTTTSITLP..RGGYT ⁺ IQITDDTTTGNLLT...NTAANGQ.....	106
NTDB id 1400 DSB67 RS12660 WP 010643261.1	...CAHEHAADAGAFKTKCHQTANGIPAAFTLNNL.TVTPAAGAASGAISITV.NAA...NDKGPIKQ...NEKYILT	127
NTDB id 1184 GTF74 RS02335 WP 000649326.1	.YIATEGSF ⁺ PATTA.GTAAGFTR ⁺ IGTVEDMGD ⁺ GKI.....VIAPTASG...ALGGTIKYTFDAGVV....	116
NTDB id 1167 A1552VC RS11065 WP 000649326.1	.YIATEGSF ⁺ PATTA.GTAAGFTR ⁺ IGTVEDMGD ⁺ GKI.....VIAPTASG...ALGGTIKYTFDAGVV....	116
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	.YIATEGSF ⁺ PATTA.GTAAGFTR ⁺ IGTVEDMGD ⁺ GKI.....VIAPTASG...ALGGTIKYTFDAGVV....	116
NTDB id 1415 SGL RS07945 WP 010872381.1	LNRAQQGYFTEKGT ⁺ FATDTETLEVPAP...DGNF.....FSFAVNTADNTEAIQDATA ⁺ LNWEADGTRSMS	125
NTDB id 1119 NGFG RS11465 WP 017147169.1	.YYLNHCKWPENNT.....SAGVASPPTDIK ⁺ KYVKEVE...VKNGVVTATMLSSGVNNEIKGKKI.....SLW	116
NTDB id 1109 OK783 RS10670 WP 157147416.1	.YYLNHCKIWPKDNT.....SAGVASA.STIK ⁺ KYVQKVE...VAKGVVTAQMASTGVNKEIQDKKI.....SLW	115
NTDB id 1197 PSJM300 03940 AFN76866.1	INEGK...TPSLT.....STDEGYIGITDSTSYC.DVDLDTAADGHIECTA.KGCNAGKFDGKTITLNR ⁺ TADG....	121
NTDB id 1424 RS RS02795 WP 011000517.1	VGSS...VFTPTKN.....VAN ⁺ TIAG...TCTV.....PGQITVTY.TTA...AGGGT ⁺ LALVPTAAGT.ALP	125
NTDB id 1309 DR RS02825 WP 034349477.1	VARGADGRLPA.....AGNCDSTAN.....LGTNAVAT.....PGAITAAGAYSLD	96
NTDB id 1244 Cj0683 YP 002344101.1	LMRSQ.....MR.....LKN ⁺ NFPEILDNAQN.....NQAKEKLF.....YCLNDCDYSLL	93
NTDB id 155113 CPIN17262 RS08510 WP 418228279.1	.....	38
NTDB id 1229 CJJ81176 RS06455 WP 002869328.1	IYTLKNDHLNSIKT.....MSN ⁺ SGIENIDLSNF.....NGTKEVNF.RVG...DDKKCLKLVFINKVDFILM	111
consensus	* * * *	

logo

NTDB id 619 LCA RS06470 WP 011374999.1	.....	99
NTDB id 1064 ABD1 RS15725 WP 001046490.1	TWVIKATTTDS.....RN..FNFIKNSGLRCQSLTATAVDNDCGGTVT	160
NTDB id 1400 DSB67 RS12660 WP 010643261.1	ATYASNGV....TWS.....SECKDATNAVQTSYCP.	154
NTDB id 1184 GTF74 RS02335 WP 000649326.1	SSSKIQLARDANGLWTCSTTTVTSEIAPKG.....CTAGATIN.....	153
NTDB id 1167 A1552VC RS11065 WP 000649326.1	SSSKIQLARDANGLWTCSTTTVTSEIAPKG.....CTAGATIN.....	153
NTDB id 1160 ABDM36 RS02330 WP 000649326.1	SSSKIQLARDANGLWTCSTTTVTSEIAPKG.....CTAGATIN.....	153
NTDB id 1415 SGL RS07945 WP 010872381.1	GGTFYDSGTRAFSTVVCRAEAGSE...D.....TPP.....TPGGANDCGGAEVIK.....	168
NTDB id 1119 NGFG RS11465 WP 017147169.1	.GRRENGSV...KWFCGQPVTRA.DDDTVA.....DAK.....DGKEIDTKHLPSTCRDKASDAK.....	166
NTDB id 1109 OK783 RS10670 WP 157147416.1	.AKRQDGSV...KWFCGQPVRT.GDNDDT.....VAD.....ANNAIDTKHLPSTCRDESSAT.....	164
NTDB id 1197 PSJM300 03940 AFN76866.1	EWSCAST.....LDAKYKPGKCS.....	139
NTDB id 1424 RS RS02795 WP 011000517.1	VSSAPSGPI...MWTCTYAQNKAQAAS...SV.....APS.....GTMSLAAKYAPAECR.....	168
NTDB id 1309 DR RS02825 WP 034349477.1	GT.....GSKFAVTATSVTNKTFCTFDGAKMGE.....GTGATGACTFSTSTGTGTGTGTGTGTGT	151
NTDB id 1244 Cj0683 YP 002344101.1	DTPIYSDFK...SWIKIGKNHYRFALNAKEMVEF..IYDSKE.....GLLKCIGSSRCKDLI.....	145
NTDB id 155113 CPIN17262 RS08510 WP 418228279.1	.....	38
NTDB id 1229 CJJ81176 RS06455 WP 002869328.1	GISSNEASK...NAIINAANQS....HEDLENV..NFTSSS.....SNKACVILSKNENFKNLASKTYLLI	168
consensus	*	*

logo

NTDB id 619 LCA RS06470 WP 011374999.1	.....	99
NTDB id 1064 ABD1 RS15725 WP 001046490.1	.....	160
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 1415 SGL RS07945 WP 010872381.1	.....	168
NTDB id 1119 NGFG RS11465 WP 017147169.1	.....	166
NTDB id 1109 OK783 RS10670 WP 157147416.1	.....	164
NTDB id 1197 PSJM300 03940 AFN76866.1	.....	139
NTDB id 1424 RS RS02795 WP 011000517.1	.....	168
NTDB id 1309 DR RS02825 WP 034349477.1	GTGTGGSN	158
NTDB id 1244 Cj0683 YP 002344101.1	.....	145
NTDB id 155113 CPIN17262 RS08510 WP 418228279.1	.....	38
NTDB id 1229 CJJ81176 RS06455 WP 002869328.1	G.GM...	171
consensus		

- ⓧ

 non conserved
- ✖

 similar
- ⓧ

 ≥ 50% conserved