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NTDB id 1410	SGL RS13950 WP 010873519.1	MTSSSSSSKKSRAVALRNYFSPFGNKL	VAGGHVDAEQLRQALVQVKKTGRSL	PEELKAVTGRELSPELLRQYKKNQLFELK	80
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVA	ILRQAELTSA	TQEAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LS	54
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLS	TLRQKGLLTF	SQEESLIEQVKASGISMPEALLSS..GFFTSSSELAEH.....LS	54
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLST	ILRQAGIL	TFQSQEESLIEQVKASGISMPEALLSS..GFFTSSSELAEH.....LS	54
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLR	ILVQNQVVT	VEQAEHYY.NESQAGKEVLPMLFSD..GVISPKSLAAL.....IA	53
NTDB id 1251	GC085 RS07725 WP 011946523.1	MALATEEYRLQ	GIGQLLVLEK	LIDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AA	62
NTDB id 1018	ACIAD RS01685 WP 004920473.1	MSAFTTPPKF	SGFIRRLV	EEGYVNAQNMQQALEKAKKFKQDIVPYLIDN..FSISPLTIAEI.....IS	62
NTDB id 382012	FYA21 RS05525 WP 148745960.1	MSALHTSPKF	TGFFRRLV	EEKHVSGATMQTALDAAKRAKQDTVAYLIEE..VHLSPSLLAET.....IS	62
NTDB id 1058	ABD1 RS01615 WP 001274986.1	MSALHTSPKF	TGFFRRLV	EEKHVSAATMQTALDAAKRAKQDTVAYLIEE..VHLSPSLLAET.....IS	62
consensus		*** *!* **** * **** * * **** * *			

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NTDB id 1410	SGL RS13950 WP 010873519.1	VLYGVDSVDPEVAPIATQQMAEL	IGRFFPLDTCRRFKFLPLAQQEGDP	PPSVLVAMVDPDNLAAQDELNRILRVKGFELRR	160	
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NTDB id 1293	VP RS12240 WP 005479695.1	SIFGLSQPELS	QYEEYAS....LCQQ	LGLRELITRHNALPLHRT...PST	LLLAVADPTNQAEEDF...RFATGLQVEL	123
NTDB id 1401	DSB67 RS12665 WP 010643259.1	SVFGLSCTSLN	QYEEYAS....LCQT	LGLRDLITRHNALPLNRT...SST	LILAVADPTNLQAEEDF...RFATGLQVEL	123
NTDB id 1110	NGFG RS09235 WP 003689817.1	RVFSYSILDLR	HYPRHR....VLMG	VLTEEQMVEFHCVPVFR...GDK	VFAVSDPTQMPQIQKT...VSAAGTAVEL	122
NTDB id 1251	GC085 RS07725 WP 011946523.1	QNFGVPMLDINC	IDVGT....IPVN	LVNEKLIKRRHAMVPLFSR...GTN	LYLATDDPSKQASLKEI...QFHTGLNTHA	131
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LEFGEPLLDLGV	FDPAL....FLKD	KIDEKLIQKYRIMPLVHR...GHV	LYVATSNPTNTEAMDAI...RFNSKLLKVEP	131
NTDB id 382012	FYA21 RS05525 WP 148745960.1	AEFAEPYFDLDV	YDTSQ....IPKD	LVDQKLILKHRILPLIQR...GQIL	YVATSNPSNIEAIDAI...RFNSKLLVEP	131
NTDB id 1058	ABD1 RS01615 WP 001274986.1	AEFAEPYFDLDV	YDTSQ....IPKD	LVDQKLILKHRILPLIQR...GQIL	YVATSNPSNIEAIDAI...RFNSKLLVEP	131
consensus		*****	**	*	*	

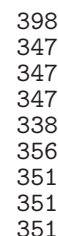
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NTDB id 1168	A1552VC RS11070 WP 000957200.1	ALADHRA	LQAATIRRLYGRS	IQGAANQGKEISQDELANLVKV.....SDD..ELQS	IEDLSQDDSPVSRFINQV	189
NTDB id 1293	VP RS12240 WP 005479695.1	VLADFREL	STAIRRLYGRSL	SHKESGLKEINQEELASLVDV.....GAD..EIDN	IEDLSQDESPPVSRVINQI	189
NTDB id 1401	DSB67 RS12665 WP 010643259.1	VLADFREL	TAAIRRLYGRSL	GKESGLKEINQDELAGLVDI.....GED..EIE	NIEDLSQDESPPVSRVINQI	189
NTDB id 1110	NGFG RS09235 WP 003689817.1	VIVEDDQ	LAGLLDWVGR	STSL...QELGEGQEEESHT.....LYIDNEEA	EDGPVPRFIHKT	179
NTDB id 1251	GC085 RS07725 WP 011946523.1	IVVETDKLSA	LIDNLLTAKESQGLSEYVE.DSG	DLEGLEIS.....ADDEDQDIDTATS	VTDDAPIVKFVNKI	198
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IIVEHDKLER	ILLSEHFVEETHFNFDT	EELDLDVEVDPHT.....TDDDD	EDDKLKDEAPIVKYINKL	193
NTDB id 382012	FYA21 RS05525 WP 148745960.1	VIVEHHKLDK	VLGQHFAEES	SFDNFDEEFDLDVNLDGPT.....APEDEEE	EAPQGDEAPIVKYINKL	193
NTDB id 1058	ABD1 RS01615 WP 001274986.1	VIVEHHKLDK	VLGQHFAEES	SFDNFDEEFDLDVNLDGPT.....AQEDEEE	EAPQGDEAPIVKYINKL	193
consensus		***** * ** *** * *			** ** ****!*****	

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NTDB id 1410	SGL RS13950 WP 010873519.1	LAKALQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRSPQDGKIRRIYQ..GRKV	318
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LLDAVRKGASDIHFEPYENQYRIRLRCDGILVETQQP.ASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSR.DTAI	267
NTDB id 1293	VP RS12240 WP 005479695.1	LLDAVRKGASDIHFEPYEKMYRVRRLCDGILVETQQP.PNHLRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAI	267
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LLDAVRKGASDIHFEPYENMYRVRRLCDGILVETQQP.PSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAI	267
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NTDB id 1251	GC085 RS07725 WP 011946523.1	LLDAIRQASDIHFEPYERERYRIRYRQDGILHEVATP.PASLSSRITARIKVMNLDISERRIPQDGGFKMKISK.SRAI	276
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LIDAIRMSASDLHFEPYEKSYRVRVYRVGVLRLIATP.PLQLATRLASRLKVMNQMDISEKRVLPQDGRIKLKMSK.SKTI	271
NTDB id 382012	FYA21 RS05525 WP 148745960.1	LIDAIRMGASDLHFEPYEKSYRVRVYRVGVLRLQIANP.PLQLANRLASRLKVMNQMDISEKRVLPQDGRIKLKLSK.TKAI	271
NTDB id 1058	ABD1 RS01615 WP 001274986.1	LIDAIRMGASDLHFEPYEKSYRVRVYRVGVLRLQIANP.PLQLANRLASRLKVMNQMDISEKRVLPQDGRIKLKLSK.SKAI	271
consensus		!***** **!!** * * ** ****!***** ****	

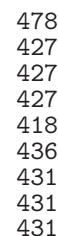
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consensus



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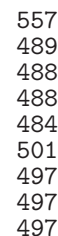
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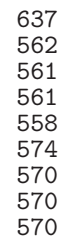
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NTDB id 382012 FYA21 RS05525 WP 148745960.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
NTDB id 1293 VP RS12240 WP 005479695.1		561
NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1110 NGFG RS09235 WP 003689817.1		558
NTDB id 1251 GC085 RS07725 WP 011946523.1		574
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
NTDB id 382012 FYA21 RS05525 WP 148745960.1		570
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved