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NTDB id 1410 SGL RS13950 WP 010873519.1	MTSSSSSSKKSRAVALRNYFSPFGNKL	VAGGHVDAEQLRQALVQVKKTGRSL	PEELKAVTGRELSPELLLRQYKKNQLFELK	80
NTDB id 228613 CAY62 RS12235 WP 086367529.1	MHTTLAS	ILHQADLISSVQQQVEDSVSMEGIT	TIPSALIH..GIFSDRELAQH.....LS	54
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVA	ILRQAEILISATQEQAVVTQVSASGTSV	PEALLE..SIFHAQELTEQ.....LS	54
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLS	TLRQKGLLTFSQEEESLIEQVKASGISM	PEALLSS..GFFTSSLELAEH.....LS	54
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLST	VLRQAGILTFQSQEEESLLEQVKASGISM	PEALLSS..GFFQSHELTEH.....LS	54
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLR	ILVQNQVVTVEQAEHYY.NESQAGKEV	LPMLFSD..GVISPKSLAAL.....IA	53
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQG	IGQLLVLEKLLDKTKAIELHKLAAAEKIS	LLQYIVKN..KILSAEQIALT.....AA	62
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKF	TGFFRRLVEEKHVSAAATMQTALDAAKRAKQD	TVAYLIEE..VHLSPSLLAET.....IS	62
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKF	SGFIRRLVEEGYVNAQNMQQALEKAKFKQD	IVPYLIDN..FSISPLTIAEI.....IS	62
consensus		* * *	* ! ** *** * ***** * *** **	

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NTDB id 1410 SGL RS13950 WP 010873519.1	VLYGVDSVDPEVAPIATQQMAEL	IGRFFPLDTCRRFKFLPLAQQEGDP	PPSVLVAMVDPDNLAAQDELNRILRVKGFELRR	160
NTDB id 228613 CAY62 RS12235 WP 086367529.1	HIFGLTLVSVDH	YDYE....ACCKAVYQRDLVLRHRALPLA	QNA...DTLFLGVSDPCNIDGQDEF	123
NTDB id 1168 A1552VC RS11070 WP 000957200.1	HIFGLPETDL	SRDYDA....NLCCQLGLRELITRYDAL	PIAKG...NLLLLAVSDPTLLQAE	123
NTDB id 1293 VP RS12240 WP 005479695.1	SIFGLSQPELS	QYEA....SLCQQLGLRELITRHNALPL	HRTP...STLLAVADPTNQAED	123
NTDB id 1401 DSB67 RS12665 WP 010643259.1	SVFGLSCTSLN	QYEA....SLCQTLGLRDLITRHNALPL	NRTS...STLILAVADPTNLQAE	123
NTDB id 1110 NGFG RS09235 WP 003689817.1	RVFSYSILDLR	HYPRH....RVLMGVLTEEQMVFEHC	VPVFRRG...DKVFFAVSDPTQMP	122
NTDB id 1251 GC085 RS07725 WP 011946523.1	QNFQVPM	LDINCIDVG....TIPVNLVNEKLIK	RHAMVPLFSRG...TNLYLATDDPSK	131
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEFAEPYFDL	DVYDTS....QIPKDLVDQKLIL	KHRIPLLIQRG...QILYVATSNPSN	131
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LEFGEPLDL	GLGVDPDA....LFLKDKIDEKLIK	QYRIMPLVHRG...HVLYVATSNPTN	131
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NTDB id 1410 SGL RS13950 WP 010873519.1	LVVTQDDFNQLLEQYVA	AIREEWEAAQEKRDQERALDKLND	LTDIVGSI	DMNLGEDKEDVDNALDSNDANQAPVINLVNKI	240
NTDB id 228613 CAY62 RS12235 WP 086367529.1	LLLENKQLES	AIIRRIYRELGETTNMASR..	DVSD	EDLNNL.....VD.....MGDDEL	190
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ALADHRA	LQAAIRRLYGRS	IQGAAN.QGK..EISQDEL	ANL.....VK.....VSDD	189
NTDB id 1293 VP RS12240 WP 005479695.1	VLADFREL	TAAIRRLYGRSL	SHEKS.GLK..EINQEEL	ASL.....VD.....VGAD	189
NTDB id 1401 DSB67 RS12665 WP 010643259.1	VLADFREL	TAAIRRLYGRSL	GQEK.SGLK..EINQ	DEL	189
NTDB id 1110 NGFG RS09235 WP 003689817.1	VIVEDDQ	LAGLLDWVGS	RSTSL..LQEL.....GEG.....QE.....	EEESHTLYIDNEEA	179
NTDB id 1251 GC085 RS07725 WP 011946523.1	IVVETDKLS	ALIDNLLTAKESQGL	SEYVED.SGDLEGLEIS.....AD.....	DEDQDIDTATSVTDDAP	198
NTDB id 1058 ABD1 RS01615 WP 001274986.1	VIVEHHKLEK	VLGQHFAE	ESSFDFNDE....EFD...LDVN.....LD.....	GPTAQED	193
NTDB id 1018 ACIAD RS01685 WP 004920473.1	IIVEHDKLER	LLSEHFVEETHF	NFDTE....ELD...LDVE.....VD.....	PHTTDDDDDDDKLKD	193
consensus	*****	*	**	*****	

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NTDB id 1410 SGL RS13950 WP 010873519.1	LAKALQEGTSDIH	VEPQEETLRIRFRKDGVLNQAFDPL	PRKITPAVVARFKIMADMDIAERRSPQDGK	IRRIYQ..GRKV	318
NTDB id 228613 CAY62 RS12235 WP 086367529.1	LLDAVRKKAS	DIHFEPYETSYRIRFRCDGILH	QHATP.PAHL	SRRLSTRLKVMSRLNIAERRQPQDGRIK	268
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LLDAVRK	GASDIHFEPYENQYRIRLRCDGIL	VETQPP.ASHLSRRLAARIK	ILSKLDIAERRLPQDGRIKLRLSR	267
NTDB id 1293 VP RS12240 WP 005479695.1	LLDAVRK	GASDIHFEPYEMRYRRLRCDGIL	ETQPP.PNHL	SRRLSARIKILSKLDIAERRLPQDGRIKL	267
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LLDAVRK	GASDIHFEPYENMYRVRRLRCDGIL	ETQPP.PSHLSRRLSARIK	ILSKLDIAERRLPQDGRIKL	267
NTDB id 1110 NGFG RS09235 WP 003689817.1	LSDALR	SGASDIHFEFYEH	NARIRFRVDGQLREV	VQP.PIAVRGQLASRIK	258
NTDB id 1251 GC085 RS07725 WP 011946523.1	LLDAIRQ	GASDIHFEPYEREYRIRYRQDGIL	HEVATP.PASL	SSRITARIKVMSNLDISERRIPQDG	276
NTDB id 1058 ABD1 RS01615 WP 001274986.1	LIDAIR	MGASDLHFEPYEKSYRVR	YRVYRVDGVL	RQIANP.PLQLANRLASRLK	271
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LIDAIR	MSASDLHFEPYEKSYRVR	YRVYRVDGVL	RRLIATP.PLQLATRLASRLK	271
consensus	*****	*****	*****	*****	

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 228613 CAY62 RS12235 WP 086367529.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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NTDB id 1401 DSB67 RS12665 WP 010643259.1
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NTDB id 1251 GC085 RS07725 WP 011946523.1
NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

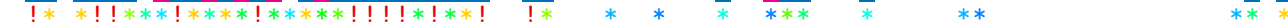
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 228613 CAY62 RS12235 WP 086367529.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
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consensus

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NTDB id 228613 CAY62 RS12235 WP 086367529.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus
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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 228613 CAY62 RS12235 WP 086367529.1		563
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 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved