

logo

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NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	80
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
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NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SLTPAEKAKELRAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP	
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NTDB id 1401	DSB67 RS12665 WP 010643259.1		0
NTDB id 1110	NGFG RS09235 WP 003689817.1		0
NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
NTDB id 404038	GNT55 RS25640 WP 003112841.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	
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NTDB id 1110	NGFG RS09235 WP 003689817.1		0
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NTDB id 404038	GNT55 RS25640 WP 003112841.1		0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARYLALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
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consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SSSSKKSRAVALRNYFSPFGNKL VAGCHVDAEQ L RQALVQV KKTGRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLY	83
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGETLVELGIARPEDVEEALQKQRGGGRIEDTLVQ..SGKLRPEALAAQAV.....ATQL	388
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALQVQAREGKVKPLGGEVITELGFASPDVEVDSALQKQNVGGGRIEDTLVQ..SGKLSPEMLARSL.....AAQL	388
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAE LISATGEQAVVTQVSASGTSVPEALLE..LSIFHAQELTEQL.....SHIF	57
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NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALLS..SGFFQSHELTEHL.....SSVF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQA EHYYNES.QAGKEVLPMLFS..DGVISPKSLAALI.....ARVF	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALTA.....AQNF	65
NTDB id 404038 GNT55 RS25640 WP 003112841.1	MNDSIQLSGLSRQLVQANLLDEKTAVQAQAQAQRNKL SLVTHLVQ..SKLVSGLALAE LS.....AEQF	62
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVS AATMQTALDAAKRAKQDTVAYLIE..EVHLSPSLLAETI.....SAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQALEKAKKFKQDTPVYLIID..NFSISPLTIAEII.....SLEF	65
consensus	* * * * *	

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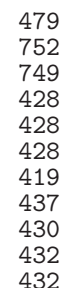
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NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRH.....RVLMLGVLTEEQMV E FHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....I AVELV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG.....TIPVNLVN EKL IKRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAI	132
NTDB id 404038 GNT55 RS25640 WP 003112841.1	GIAYCDLNSLDKE.....SFPRDAISEKLVQRHVIPLWRRG...NKL FVGISDPANHQAINDVQFSTG.....LTTEAI	129
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS.....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFN SK.....LKV EPI	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDP A.....LFLKDKID EKL I QYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFN SK.....LKV EPI	132
consensus	* * * * *	

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NTDB id 1028	TT RS08215 WP 011173991.1	VATEAA	TKLIERFY	GKAEELSEIA	KEFA		KKQAE	EEV	...PSPLEL	DESAAQ	KFVKQVI	515	
NTDB id 1306	DR RS10060 WP 027479822.1	VMAEKD	IRLIERFY	GKEGFEKLN	KELA		ERNKTQS	..QEADLSVA	DESAI	IVQV	VDSII	512	
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LADHRA	LQAATRR	LYGRS	IQGAANQG	KEISQ	DEL		ANLVKVS	DDELQ	..SIEDLSQ	DDSPVSRFINQVL	190
NTDB id 1293	VP RS12240 WP 005479695.1	LADFREL	STAIRRLY	GRSLGHEKSG	LKEINQ	EEL		ASLVDVG	AEID	..NIEDLSQ	DESPVSR	INQIL	190
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LADFREL	TAAIRRLY	GRSLGHEKSG	LKEINQ	DEL		AGLVDIG	EIE	..NIEDLSQ	DESPVSR	INQIL	190
NTDB id 1110	NGFG RS09235 WP 003689817.1	IVEDDQ	LACLLD	WVGS	RSTSL	LQ	..ELGEG		QEEEE	ESHTLYID	NEEA	EDGPVPRFIHKTL	180
NTDB id 1251	GCO85 RS07725 WP 011946523.1	VVETDK	LALIDN	LLTAKES	QGLS	..EYVED	DSGD		L...EGL	EISADDE	DQDIDTATSVT	DDAPIVKFVNKIL	199
NTDB id 404038	GNT55 RS25640 WP 003112841.1	LVEDDK	LGLAID	KLFE	SATDG	LAGL	DDVD		L...EGL	DIGSAD	KSTQ.EDASAEA	DDAPVVRFINKML	192
NTDB id 1058	ABD1 RS01615 WP 001274986.1	IVEHHK	LEKVL	GQHFA	EESSF	DFND	EEFD		L...DV	NLDGPTAQED	EE	EAPQGDEAPIVKYINKLL	194
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IVEHDK	LERLL	SEHFV	EETHF	NFDTE	EELD		L...DV	EVPHTTDDD	DEDDKLK	DEAPIVKYINKLL	194
consensus		***	*	*****		**	***		*	*****			

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NTDB	id	1306	DR	RS10060	WP	027479822.1	REALQDASDIHIEETTEDAVKVRIRIDGALREQNS.FPKGAAQQIMARLKIMGHLDIAERRVPQDGRVRF..KKSIDLD	589
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NTDB	id	1293	VP	RS12240	WP	005479695.1	LDAVRKGASDIHFEPYEKMYRVRRLCDGILLETQQ.PPNHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAID	268
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NTDB	id	1110	NGFG	RS09235	WP	003689817.1	SDALRS GASDIHFEFYEHMARIRFRVDDGQLREVVQ.PPIAVRGQLASRIKVM SRLDISEKRIPQDGRMQLTFQKGGKPV	259
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NTDB	id	1058	ABD1	RS01615	WP	001274986.1	LDAIRMGASDIHFEPYEKSYRVRYRVDDGLRQIAN.PPLQLANRLASRLKVM SQMDISEKRVPPQDGRIKLKLSK.SKAID	272
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consensus							* * ! * * * * * ! * ! * ! * * * * * ! * ! * * * * * * * * * * ! * * ! * * ! * * ! * * ! * * ! * * !	

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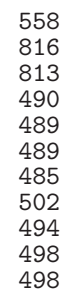
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consensus



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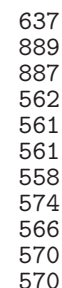
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consensus

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NTDB id 1293 VP RS12240 WP 005479695.1		561
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NTDB id 1110 NGFG RS09235 WP 003689817.1		558
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NTDB id 404038 GNT55 RS25640 WP 003112841.1		566
NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved