

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSXLSIGDRRLGAALLDRLDNLQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKK	80
NTDB id 1306 DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNLDLQRALERHSEVGGRLADVLLIDSGMVGEKRIARAIEEALGIPLVNLAVQPDPAAL	79
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 230289 JG10 RS26020 WP 003120945.1	.....	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 1410 SGL RS13950 WP 010873519.1	SLTPAEKAKELRAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPP	158
NTDB id 1306 DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLIIVVPSGA	157
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	0
NTDB id 1251 GC085 RS07725 WP 011946523.1	.....	0
NTDB id 230289 JG10 RS26020 WP 003120945.1	.....	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 1410 SGL RS13950 WP 010873519.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	0
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NTDB id 1306 DR RS10060 WP 027479822.1		237
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
NTDB id 1293 VP RS12240 WP 005479695.1		0
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		0
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consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	MTS	3
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARYLALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRPDIDALIGRPVQLMLTRPRDIERLIEQFYPPQRGRLLGEQLVQEGTLSR	317
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NTDB id 230289 JG10 RS26020 WP 003120945.1		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 1410 SGL RS13950 WP 010873519.1	SSSSKKSRVALRNYFSPFGNKLIVAGCHVDAEQLRQALVQVVKTKGRSLPEELKAVTGRELSPPELLRQYKKNQLFELKVLY	83
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NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALL..SSGFFTISSELAEH.....LSSIF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLLEQVKASGISMPEALL..SSGFFQSHELTEH.....LSSVF	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAQEHYYNES.QAGKEVLPMLF..SDGVIISPKSLAAL.....IARVF	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIV..KNKILSAEQIALT.....AAQNF	65
NTDB id 230289 JG10 RS26020 WP 003120945.1	MNDSIQLSLSRQLVQANLLDEKTAVQAQAQAQRNKLVLVTHLV..QNKLVSGLALAE.....SAEQF	62
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLI..EEVHLSPSLLAET.....ISAEF	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQALEKAKKFKQDTPVPLYI..DNFSTISPLTTAEI.....ISLEF	65
consensus	* * * * *	

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NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRL	161
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPD....PGAPLLLPEDLCRRYGVFPHRLEG...NRLVLMLKDPNRNIALDDVRLALKRKLNYEVAPA	460
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD....PKVALMPEATARRVVPVRLQG...NSLVVAMKDPNRNVFALDDLKLITG....KEILPA	455
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLRSYDYA....NLCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEFEFRFATG....LQVELA	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYA....SLCQQGLGLRELITRHNALPLHRT...STLLLAVADPTNQQAEDDFRFATG....LQVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA....SLCQTLGLRLDLITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFATG....LQVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRH....RVLMLGVLTEEQMVVEFHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG....IAVELV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG....TIPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG....LNTHAI	132
NTDB id 230289 JG10 RS26020 WP 003120945.1	GIAYCDLNSLDKE....SFPRDAISEKLVRQHRVIPLWRRG...NKLFGVTSDPANHQAINDVQFSTG....LTTEAI	129
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS....QIPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK....LVPEPV	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLIDLGVFDPA....LFLKDKIDEKLIQKYRIMPLVHRG...HVLVYVATSNPTNIEAMDAIRFNSK....LKVEPI	132
consensus	* * * * *	

NTDB id 1410 SGL RS13950 WP 010873519.1	VVTQDDFNQ	LDLEQYYA	IREEWEAAQEKRDQERALDKLNDLTD	IVGSDI	MNLGEDK	EDVDNAL	DSNDA	NQAPV	INLVN	KNIL	241		
NTDB id 1028 TT RS08215 WP 011173991.1	VATEAA	TKLIERFY	GKAELSEIAK..EFAKKQ	.....	.....	AAAA	EV..PSPLEL	DESAAQ	KFKVQ	VI	515		
NTDB id 1306 DR RS10060 WP 027479822.1	VMAEKD	IRLIERFY	GKEGFEKLNK..ELAERN	.....	.....	KTQQS	QEA	DL	SVA	DESAL	IVQVDS	II	
NTDB id 1168 A1552VC RS11070 WP 000957200.1	LADHRA	LQAATRR	LYGRS	IQGAAN	GKEISQ	DE.....	LANL..	VKVSD	DEL..	QSIED	LSQ	DDSPVSR	FINQV
NTDB id 1293 VP RS12240 WP 005479695.1	LADFREL	STAIR	RLYGRSL	SGKE	SLKEIN	QDE.....	LASL..	VDVGA	DEI..	DNIED	LSQ	DESPVSR	YINQIL
NTDB id 1401 DSB67 RS12665 WP 010643259.1	LADFREL	TAAIR	RLYGRSL	SGKE	SGKEIN	QDE.....	LAGL..	VDIGE	DEI..	ENIED	LSQ	DESPVSR	YINQIL
NTDB id 1110 NGFG RS09235 WP 003689817.1	IVEDDQ	LAGL	LDWV	GS	RSTSL	.LQE...LGE	GQ.....	EEEE	SHTLY	IDNEEA	EDGP	VPRFI	IHKTL
NTDB id 1251 GC085 RS07725 WP 011946523.1	VVETDK	L	SALIDN	LLTAKES	QGLSE...YVEDS	.....	GDLEG...	LEISAD	DEDQ	DIDTATS	SVT	DDAPIV	KFVNKIL
NTDB id 230289 JG10 RS26020 WP 003120945.1	IVEDDK	LGLA	DKLF	ESATD	G...L...AGL	DD.....	VDLEG...	LDIGSA	EKSTQ	.EDTSAEA	DDAP	VVRFVNK	ML
NTDB id 1058 ABD1 RS01615 WP 001274986.1	IVEHHK	L	EKVL	GQHFA	EES	SF...D...FNDEE	.....	FDLD...	VNLD	GP	TAQED	EE	EAPQG
NTDB id 1018 ACIAD RS01685 WP 004920473.1	IVEHDK	L	ERLL	SEHF	VEETHF...N...FDTEE		LDLD...	VEVDP	HTT	DDD	.DED	DKLK	DEAPIV
consensus	***	*	*****	***	***	***	*	**	*	*	*	*****	*****

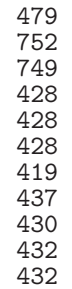
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NTDB	id	1028	TT	RS08215	WP	011173991.1	REAF	LQDASDI	HIETPR	QNDVQ	VRLRID	GALRP	YST.L	PKGALNA	VISV	VVKIMGG	LNIAE	KRLPQDGR	VRY	..REGAID	V	592			
NTDB	id	1306	DR	RS10060	WP	027479822.1	REAF	LQDASDI	HIETTED	DAV	KVRYR	IDGAL	REQNS	.F	PKGAAQ	QIMAR	LKIMGH	LDAIERR	VPQDGR	VRF	..K	KGSID	LD	589	
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	LD	AVRK	GASDI	HFEPY	ENQYR	IRLRC	DGIL	VETQQ	.P	ASHLSR	RLAAR	IKILSK	LDAIERR	LPQDGRIK	LR	SR	.DTAID	268	
NTDB	id	1293	VP	RS12240	WP	005479695.1	LD	AVRK	GASDI	HFEPY	EKMVYR	VLRC	DGIL	LIETQQ	.P	PNHLSR	RLSAR	IKILSK	LDAIERR	LPQDGRIK	KL	NQ	.DTAID	268	
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	LD	AVRK	GASDI	HFEPY	ENMYR	VLRC	DGIL	LIETQQ	.P	PSHLSR	RLSAR	IKILSK	LDAIERR	LPQDGRIK	KL	NQ	.DTAID	268	
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	SD	ALRS	GASDI	HFEF	YEHNA	RIRFR	VDGQ	LREVVQ	.P	PIAV	RGQLA	SRIK	VMSRLDI	SEKRIP	QDGR	MQLTF	QKGGK	PVD	259
NTDB	id	1251	GC085	RS07725	WP	011946523.1	LD	AI	RQGASDI	HFEPY	EREYR	IRYRQ	DGIL	HEVAT	.P	PASL	SSRIT	ARIK	VMSNLDI	SERRIP	QDGG	FKMK	ISK	.SRAID	277
NTDB	id	230289	JG10	RS26020	WP	003120945.1	LD	AT	KGCS	SDIH	FEPEY	EKIYR	VRFRT	DGML	HEVAK	.P	PIQL	ASRIS	ARLKV	MAGLDI	SERRK	PQDGRIK	MRVSK	.SKSID	270
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	ID	AT	RMGASDI	HFEPY	EKSYR	VRYR	VDGVL	RQIAN	.P	PPLQL	ANRLA	SRLKV	MSQMDI	SEKRV	PQDGRIK	KL	SK	.SKAID	272
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	ID	AT	IRMS	ASDI	HFEPY	EKSYR	VRYR	VDGVL	RRLIAT	.P	PPLQL	ATRLA	SRLKV	MSQMDI	SEKRV	PQDGRIK	KMSK	.SKATID	272
consensus							* * !	* * *	* * !	* !	* !	* !	* * *	* * !	* !	* !	* *	* *	* *	* * !	* * !	* !	* !	* !	

[illegible]

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1306 DR RS10060 WP 027479822.1
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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 1028 TT RS08215 WP 011173991.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

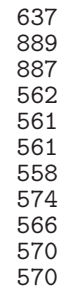
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NTDB id 1410 SGL RS13950 WP 010873519.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMRAKRRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1		889
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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
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NTDB id 230289 JG10 RS26020 WP 003120945.1		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