

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
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 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	ALLPAEKAKELKAIPFALDEEAGVVRVAFNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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 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	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
NTDB id 1028 TT RS08215 WP 011173991.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	240
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 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	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MTSSSS	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 1058 ABD1 RS01615 WP 001274986.1	.....	0
NTDB id 1018 ACIAD RS01685 WP 004920473.1	.....	0
consensus		

NTDB id 1410	SGL RS13950 WP 010873519.1	SKKSRVALRNYFSPFGNKLVAAGCHVDAEQLRQALVQVKKTGRSLPEELKAVTGTRELSPELRLQYKKNQLFELKVLYGVD	86
NTDB id 1028	TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGETLVELGLARPEDVEEALQKQRGGGRLEDTLVQ..SGKLRPREALAQA.....VATQLGYYP	391
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVALLRQAEILSATQEQAVTVQSASGTSVPEALLE..LSIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1293	VP RS12240 WP 005479695.1	MHSNLSTLRQKGLLTFSQEESLIEQVKASGISMPALLS..SGFFTSSELAEH.....LSSIFGLS	60
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTVLRAQGILLTFSQEESLLEQVKASGISMPALLS..SGFFQSHELTEH.....LSSVFGLS	60
NTDB id 1110	NGFG RS09235 WP 003689817.1	MSVGLLRLLVQNQVVTVQEAHHYY.NESQAGKEVLPMLFS..DGVISPKS LAAL.....IARVFSYS	59
NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVK..NKILSAEQIALT.....AAQNFGVP	68
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTGFRRRLVEEKHVSAATMQTALDAAAKRAKQDTVAYLIE..EVHLSPSLIAET.....ISAEFAEP	68
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALLEKAKKFQKDIPVYLID..NFSISPLTIAEI.....ISLEFGEF	68
consensus		* * * * *	

NTDB	id 1410	SGL RS13950 WP 010873519.1	SVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPSPSVLVAMVDPDNLAQAQDELNRILRVKGF..ELRRLVVT	164
NTDB	id 1028	TT RS08215 WP 011173991.1	YVDPEEDPPDP....GAPLLLPEDLCRRYGVFPHRLLEG...NRLVLMLMKDPRNILALDDVRLALKRKGLNYEVAPAVAT	463
NTDB	id 1168	A1552VC RS11070 WP 000957200.1	ETDLSRVYAYAN.....LCQQQLGLRELITRYDALPTAKQG...NLLLLAVSDPTLLQAEEEFRFATG.....LQVELALAD	127
NTDB	id 1293	VP RS12240 WP 005479695.1	QPSELQVEYAS.....LCQQQLGLRELI TRHNALPLHRT...STLLHAVADPTNQAEEDDFRFATG.....LQVELVLAD	127
NTDB	id 1401	DSB67 RS12665 WP 010643259.1	CTSLENGVEYAS.....LCQTQLGLRDLITRHNALPLNRTS...STLLILAVADPTNLQAEEDDFRFATG.....LQVELVLAD	127
NTDB	id 1110	NGFG RS09235 WP 003689817.1	ILDLRHYPRHR.....VLMGVLTTEEQMVEFHCVPVFRRG...DKVFFFAVS DPTQMPQIQKTVSAAAG.....I AVELVIVE	126
NTDB	id 1251	GCO85 RS07725 WP 011946523.1	MLDINCIVGT....IPVNLVNEKLKRHAMVPLFSRG...TNLYLATDPSKQASLK EIQFHTG.....LNTHAIVVE	135
NTDB	id 1058	ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....TPKDLVDQKL L LKHRI LPL IQRG...QILYVATS NPSNIEAIDAIRFN SK.....LLVEPVIVE	135
NTDB	id 1018	ACIAD RS01685 WP 004920473.1	LLEDLGVEDPAL.....FLKD KIDEKLIKQYRIMPLVHRG...HVLYVATS NPTNIEAMD A IRFN SK.....LKVEPIIVE	135
consensus			* * * * *	

NTDB	id	1410	SGL RS13950 WP 010873519.1		QDDFNQLLEEQYYAIREEWEEAAQEKRDKERALDKNLNDLTDIVGSIDMNLGEDKEDVDNALDSNDAHQAPVINLVNKILAKA	244
NTDB	id	1028	TT RS08215 WP 011173991.1		EAAITKLIERFYGAELSEIAKEF.....AKKKQAEEEEVPSPLELDESAAGKFVKQVIREA	518
NTDB	id	1168	A1552VC RS11070 WP 000957200.1		HRAALQAAIRRLYGRSISQGANQGK...EIQSQDELANL.....VKVSDDLQSIEDLSQDSPSVSRFINQVLIDA	193
NTDB	id	1293	VP SR12240 WP 005479695.1		FRELSTAIRRLYGRLSLHSEKSGLK...EI.NQUELASL.....VDVGADIEENIEDLSQDESPVSYRINQILLDA	193
NTDB	id	1401	DSB67 RS12665 WP 010643259.1		FRELAATAIRRLYGRSLSGQEKSGLK...EI.NQDELLAGL.....VDIGADEIENIEDLSQDESPVSYRYINQILLDA	193
NTDB	id	1110	NGFG RS09235 WP 003689817.1		DDQLAGLLDWVGSRSSTSL..LQEL.....GEG.....QEEEESHTLYIDNEEAEDGEVPRFIHKTLSDA	183
NTDB	id	1251	GCO85 RS07725 WP 011946523.1		TDKLSALTDNNLTAKESQGLSEYVEDSG.DLEGILEIS.....AD.DEDQDIDTATSVTDDAPIVKFVNKILLDA	202
NTDB	id	1058	ABD1 RS01615 WP 001274986.1		HHKLEKVLGQHFAESSFDNFDE...EF.D...LDVN.....LDGPDAQEDEEEAAPQGDEAPIVKYINKLLIDA	197
NTDB	id	1018	ACIAD RS01685 WP 004920473.1		HDKERLLSEHFVEETHFNDFTE...ELD.D...LDVE.....VDPHTTDDDDEDCKLKDEAPIVKYINKLLIDA	197
consensus					* ** * **** *	** ***** !

NTDB	id	1410	SGL	RS13950	WP	010873519.1	LQEGTSDIHVEPQEE	TLRIRFRK	DGVLNQAFDPL	PRKITPAVVARFK	KIMADMDIAERRS	PQDGKIRRIYQ..	GRKVD	FRV	322	
NTDB	id	1028	TT	RS08215	WP	011173991.1	FLQDASDIHIEPR	NDVQVRLRI	DGALRPYST.	LPGKALNAVISV	VKIMGGLNIAEKRL	PQDGRVRYR..	EGAI	VDLRL	595	
NTDB	id	1168	A1552VC	RS11070	WP	000957200.1	VRKGASDIHFEPYEN	QYRILRLC	DGILVETQQ.	PASHLSRRLAARIKIL	SKLDIAERRLPQDGR	IKLRLSR.DT	AIM	MRV	271	
NTDB	id	1293	VP	RS12240	WP	005479695.1	VRKGASDIHFEPYEKM	YRVRLRCD	DGILLETQQ.	PPNHLSRRLSARIKIL	SKLDIAERRLPQDGR	IKLKLNQ.DT	AIM	MRV	271	
NTDB	id	1401	DSB67	RS12665	WP	010643259.1	VRKGASDIHFEPYENM	YRVRLRCD	DGILLETQQ.	PPSHLSRRLSARIKIL	SKLDIAERRLPQDGR	IKLKLNQ.DT	AIM	MRV	271	
NTDB	id	1110	NGFG	RS09235	WP	003689817.1	LRSGASDIHFEFYEH	NARIRFRV	DGQLREVVQ.	PPIAVRGQLASRIKVM	SRLDISEKRIPQDGR	MLTFQKGGK	XPV	DFRV	262	
NTDB	id	1251	GC085	RS07725	WP	011946523.1	IRQGASDIHFEPYERE	YRIRYRQD	DGILHEVAT.	PPASLSRIRITARIKVM	SNLDISERRIPQDGR	GFKMKISK.S	RAID	FRV	280	
NTDB	id	1058	ABD1	RS01615	WP	001274986.1	IRMGASDIHFEPYEKS	YRVYRV	DGVLRLQIAN.	PPLQLANRLASRLKVM	SQMDISEKRV	PQDGR	IKLKL	SK.S	KAIDFRV	275
NTDB	id	1018	ACIAD	RS01685	WP	004920473.1	IRMSASDIHFEPYEKS	YRVYRV	DGVLRLLIAT.	PPLQLATRLASRLKVM	SQMDISEKRV	PQDGR	IKLKL	SK.S	KTIDFRV	275
consensus							* * * * *	! ! ! ! !	* * * * *	! ! ! ! !	* * * * *	! ! ! ! !	* * * * *	! ! ! ! !	* * * * *	

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NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1168	A1552VC RS11070 WP 000957200.1
NTDB id	1293	VP RS12240 WP 005479695.1
NTDB id	1401	DSB67 RS12665 WP 010643259.1
NTDB id	1110	NGFG RS09235 WP 003689817.1
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	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1168	A1552VC RS11070 WP 000957200.1
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NTDB id	1018	ACIAD RS01685 WP 004920473.1
consensus		



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logo

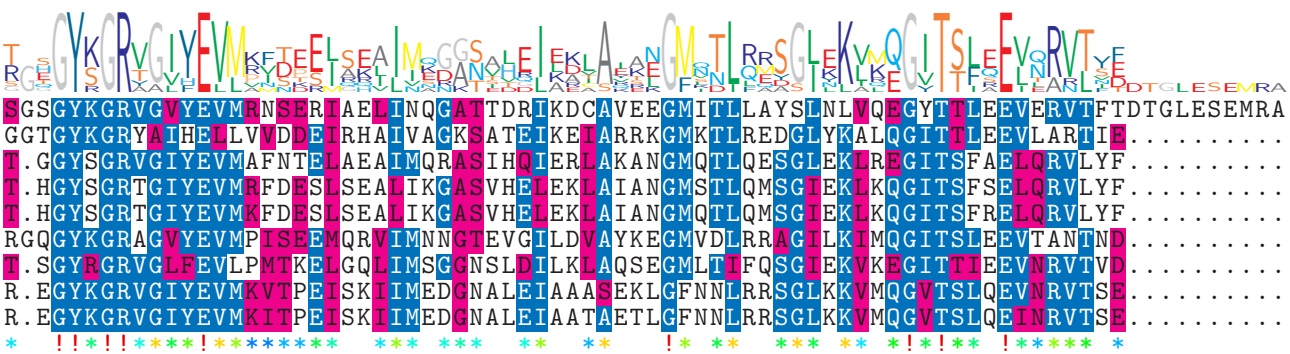
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NTDB id	1168	A1552VC RS11070 WP 000957200.1
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NTDB id	1058	ABD1 RS01615 WP 001274986.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
consensus		



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NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
NTDB id	1168	A1552VC RS11070 WP 000957200.1
NTDB id	1293	VP RS12240 WP 005479695.1
NTDB id	1401	DSB67 RS12665 WP 010643259.1
NTDB id	1110	NGFG RS09235 WP 003689817.1
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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logo

NTDB id 1410	SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028	TT RS08215 WP 011173991.1	.....	889
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	GCO85 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