

logo

		MSXLSIGDRRLGAALLDQGYLDNQLRALERHSEVGGRLAELVLYDSGGYSEERRIAEAEIESEFGLPLVNLHSEVETSPKXK	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	.MALSIGDRRLGAILLDQGYLGDNDLQRALERHSEVGGRLADVLIDSGMVGEKRIARAIEEALGIPLVNLLAVQPDPAAL	79
NTDB id 1028	TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPVKV	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	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 70538	EL386 RS03685 WP 172597607.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SLTPAEKAKELRAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPP..P	
NTDB id 1410	SGL RS13950 WP 010873519.1	.....	0
NTDB id 1306	DR RS10060 WP 027479822.1	RSIRPQTALNLQAFPFALE..GDRLRVALVDPLSSFSIETLEDDSGFDIEPYQALREEVMWAIATHYPELGLEIVVPSGA	157
NTDB id 1028	TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPVPP..P	158
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	GCO85 RS07725 WP 011946523.1	.....	0
NTDB id 70538	EL386 RS03685 WP 172597607.1	.....	0
NTDB id 1058	ABD1 RS01615 WP 001274986.1		0
NTDB id 1018	ACIAD RS01685 WP 004920473.1		0
consensus			

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		SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVL	
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NTDB id 1306	DR RS10060 WP 027479822.1	SDAGRTGGKLGGERLITHGYITDAQLQVALDAQQTGEALGATLISQRAITEDQLYEVLAEQEGTTFLPNPSGFGHPGEEVL	237
NTDB id 1028	TT RS08215 WP 011173991.1	SGEGQKDLKLGELLQKGWISREALEEALVEQEKTGDLLGRILV.RKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAA	237
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NTDB id 1251	GCO85 RS07725 WP 011946523.1		0
NTDB id 70538	EL386 RS03685 WP 172597607.1		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	MTS	3
NTDB id 1306 DR RS10060 WP 027479822.1	GSMLRADALRLLAVPVDETEQGVTVLTSDPRKRDPIDALIGRPVQLMLTRPRDIERLIEQFYPQGRGLGEQLVQEGTL	317
NTDB id 1028 TT RS08215 WP 011173991.1	LLLLRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSR	317
NTDB id 1168 A1552VC RS11070 WP 000957200.1		0
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
NTDB id 70538 EL386 RS03685 WP 172597607.1	.....	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	SSSSKKSRAVALRNYFSPFGNKL	83
NTDB id 1306 DR RS10060 WP 027479822.1	DQLREALIQVQAREGKVKPLGEVITELGFAS	388
NTDB id 1028 TT RS08215 WP 011173991.1	EALKEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLV..QSGKLSPEMLARS.....LAAQL	388
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAE	57
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTF	57
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFS	57
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQA	56
NTDB id 1251 GC085 RS07725 WP 011946523.1	MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIV..KNKILSAEQIALT.....AAQNF	65
NTDB id 70538 EL386 RS03685 WP 172597607.1	MASINPQTTISGLARRLVHDGLLAEADA	65
NTDB id 1058 ABD1 RS01615 WP 001274986.1	MSALHTSPKFTGFFRRLVEEKHVS	65
NTDB id 1018 ACIAD RS01685 WP 004920473.1	MSAFTTPPKFSGFIRRLVEEGYVNAQNMQALEKAKKFKQDTPVPLYI..DNFSTISPLTTAEI.....ISLEF	65
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NTDB id 1410 SGL RS13950 WP 010873519.1	GVDSVDPEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRL	161
NTDB id 1306 DR RS10060 WP 027479822.1	GYEFLDPIQNPPD....PKVALMIP	455
NTDB id 1028 TT RS08215 WP 011173991.1	GYPYVDPEEDPPD....PGAPLLPEDLCRRYG	460
NTDB id 1168 A1552VC RS11070 WP 000957200.1	GLPETDLRSYDYA.....NLCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAE	124
NTDB id 1293 VP RS12240 WP 005479695.1	GLSQPELSQYEYA.....SLCQQLGLRELITRHNALPLHRT...STLLLAVADPTNQQAEDDFRFATG.....LQVELV	124
NTDB id 1401 DSB67 RS12665 WP 010643259.1	GLSCTSLNQYEYA.....SLCQTLGLRDLITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFATG.....LQVELV	124
NTDB id 1110 NGFG RS09235 WP 003689817.1	SYSILDLRHYPRH.....RVLMLGVLTEEQMV	123
NTDB id 1251 GC085 RS07725 WP 011946523.1	GVPMLDINCIDVG.....TIPVNLVNEKLIK	132
NTDB id 70538 EL386 RS03685 WP 172597607.1	GVPLFDISTMDME.....TAATALVDEKLV	132
NTDB id 1058 ABD1 RS01615 WP 001274986.1	AEPYFDLDVYDTS.....QIPKDLVDQKLIL	132
NTDB id 1018 ACIAD RS01685 WP 004920473.1	GEPLLDLGVFDPA.....LFLKDKID	132
consensus		

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NTDB id 1410	SGL RS13950 WP 010873519.1	VVTQDDFNQLLEQYIAIREEWAAQEKRDQERALDKLNDLTDIVGSI	DMNLIGEDKEDVDNALDSNDANQAPV	INLVNKTIL	241	
NTDB id 1306	DR RS10060 WP 027479822.1	VMAEKDIIRLIERYFGEKGFELNKE.....L.....	AER.NKTQSQSEADLSVADES	AIIVQVVDSSII	512	
NTDB id 1028	TT RS08215 WP 011173991.1	VATEAAITKLIERYFYGKAELSEIAKE.....F.....	AKK.QAEEEV..PSPLELDES	AAQKFVKQVI	515	
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LADHRAALQAAIRRLYGRSIQGAANQGKEISQDELA.....	NL...VK.VSDDELQSI	EDLSQDDSPVSRFINQVL	190	
NTDB id 1293	VP RS12240 WP 005479695.1	LADFRELSTAIRRLYGRSLSHEKSGLKEINQDELA.....	SL...VD.VGADEIDNIE	EDLSQDESPVSRFINQIL	190	
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LADFRELTAAIRRLYGRSLGQEKSGLKEINQDELA.....	GL...VD.IGEDEIENIE	EDLSQDESPVSRFINQIL	190	
NTDB id 1110	NGFG RS09235 WP 003689817.1	IVEDDQLAGLLDWVGSR.STSLLQEL.GEGQEEEE.....	SH.....TLYIDNEEA	EDGPVPRFIHKTIL	180	
NTDB id 1251	GCO85 RS07725 WP 011946523.1	VVETDKLSALIDNLLTAKESQGLSEY.VEDSGDLE.....	GLEISAD.DE.DQDIDTATS	VDAPIVKVFVNKIL	199	
NTDB id 70538	EL386 RS03685 WP 172597607.1	LVEEDKLSKAIEHAMEAQDTS...A.DLGDTDL	LDIS.S.GDEAPQDDATDADI	DDTPVVRVFNKVL	196	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	IVEHHKLEKVLGQHF	FAEESS....F.DFND	EEF.....DLDVNLD.GPTAQE	DEEAPQGD	194
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IVEHDKLERLLSEHFVEETH....F.NFDTEEL	DLDVEVD.PHTTDD	DDDEDKCLKDEAPIVKYINKLL	194	
consensus		*** * *** **	***	* *	*	*****

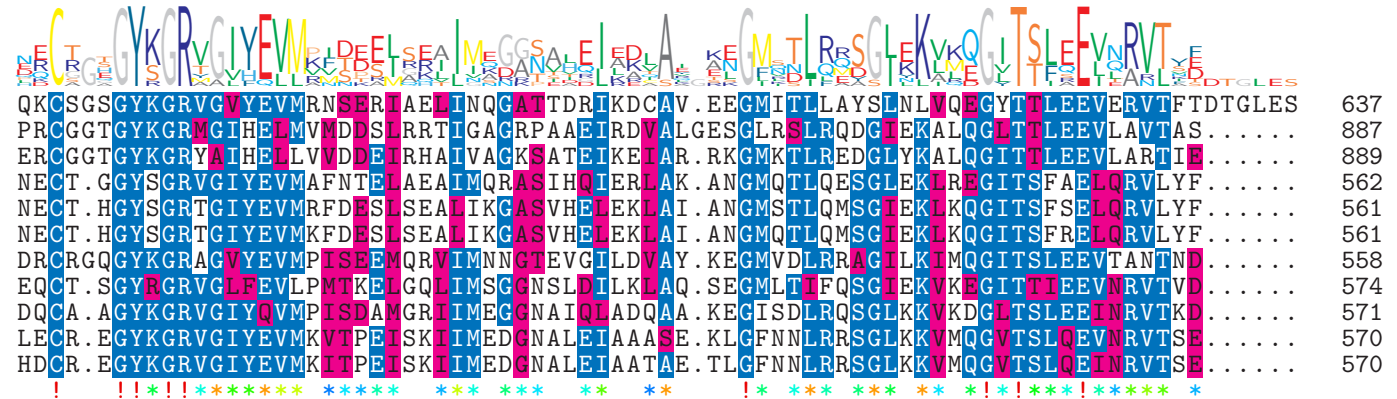
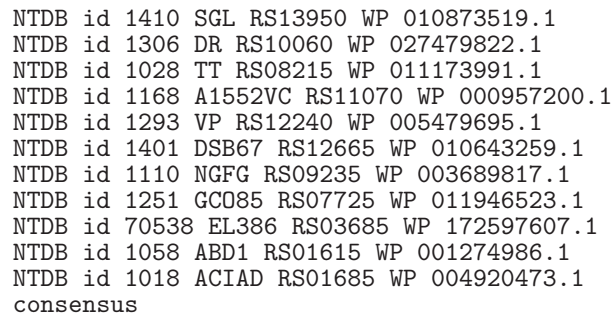
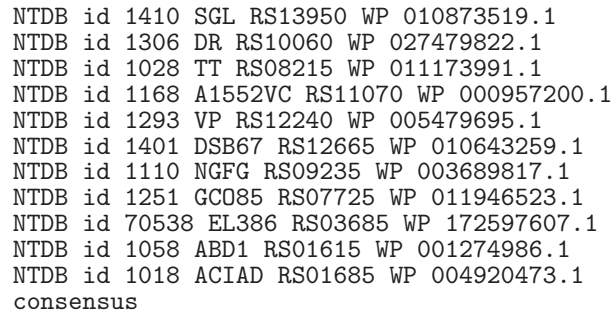
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NTDB id 1306	DR RS10060 WP 027479822.1	REAAALQDASDIHIETTEDAVKVRVYRIDGALREQNS.FPKGAAQIMARLKIMGHLDIAERRVPQDGRVRF..KKG	SGSIDLD	589
NTDB id 1028	TT RS08215 WP 011173991.1	REAFQLQDASDIHIETPRQNDVQVRLRIDGALRPYST.LPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRY..REGAID	VD	592
NTDB id 1168	A1552VC RS11070 WP 000957200.1	LDAVRKQASDIHFEPYENQYRIRLRC	DGILVETQQ.PASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLS.DTAID	268
NTDB id 1293	VP RS12240 WP 005479695.1	LDAVRKQASDIHFEPYEKMYRVRLRC	DGILVETQQ.PPNHLSRRLSARIKILSKLDIAERRLPQDGRIKLRLN.DTAID	268
NTDB id 1401	DSB67 RS12665 WP 010643259.1	LDAVRKQASDIHFEPYENMYRVRLRC	DGILVETQQ.PPSHLSRRLSARIKILSKLDIAERRLPQDGRIKLRLN.DTAID	268
NTDB id 1110	NGFG RS09235 WP 003689817.1	SDALRSGASDIHFEPYEHNARIRFRVDGQLREVVQ.PPIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQKGGK	PPVD	259
NTDB id 1251	GCO85 RS07725 WP 011946523.1	LDAIRQASDIHFEPYEREYRIRYRQDGILHEVAT.PPASLSSRITARIKIVMSNLDISERRIPQDGGFMMKISK.SRAID	277	
NTDB id 70538	EL386 RS03685 WP 172597607.1	LDAINKQASDIHFEPYEKTYRVRF	RQDGILREIAT.PPVNLGSRLCARLKVMSRLDTSERRIPQDGRMKMTLSK.NRAID	274
NTDB id 1058	ABD1 RS01615 WP 001274986.1	IDAIRMGASDIHFEPYEKSYRVRYRVDGVLRLQIAN.PPLQLANRLASRLKVMSQMDISEKRVPPQDGRIKLKLSK.SKAID	272	
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IDAIRMSASDLHFEPYEKSYRVRYRVDGVLRLIAT.PPLQLATRLASRLKVMSQMDISEKRVPPQDGRIKLKMSK.SK	TTID	272
consensus		***!*** **!*!*!*!*!* *!*!*!* !!*!*!* *	* * ** **!*!*!*!*!*!*!*!*!*!*!*!*!* *	***!

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NTDB id 1410	SGL RS13950 WP 010873519.1	FRVNTLPSRYGEKVCLRILDNSATQLGLDFLITNPETLQTVRELAARPYGLMLVTGPTGSGKSTTLYSVLAERN	SPEVNI	399	
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NTDB id 1028	TT RS08215 WP 011173991.1	LRLSTLPTVYGEKAVMRLLKKASDIPEIEDLGFAPGVFERFKEVIS	KPYGIFLITGPTGSGKSFTTF	SILKRIATPDKNT	672
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MRVSTLPTLWGEKIVLRLLDSSAANLDIDKLGYNPQQKQLYLNALKRPQGMILMTGPTGSGKTVSLYTGLRILNT	SQINI	348	
NTDB id 1293	VP RS12240 WP 005479695.1	MRVSTLPTLFGKIVLRLLDSSASALDIDKLGYSQQKQLYLEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPE	INI	348	
NTDB id 1401	DSB67 RS12665 WP 010643259.1	MRVSTLPTLFGKIVLRLLDSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLS	SILNKPEINI	348	
NTDB id 1110	NGFG RS09235 WP 003689817.1	FRVSTLPTLFGKIVMRILNSDAASLNDQLGFEPFQKKLLLEA	IHRPYGMVLVTGPTGSGKTVSLYTCLNILNTESVNI	339	
NTDB id 1251	GCO85 RS07725 WP 011946523.1	FRVSTCPTSAGEKVVMRVLDSGA	AKLGEALGFNPVQRTNFLKAIQRPQGMILVTGPTGSGKTV	TLTALNILNTIEVNI	357
NTDB id 70538	EL386 RS03685 WP 172597607.1	FRVNTCPTLFGKIVMRILDSSSAKLGIDALGYEEQKELYLKALAK	PDGMILVTGPTGSGKTVSLYTGLNILNTEDRNI	354	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	FRVNSLPTLFGKIVLRLDPSA	MLGIDALGYEEDQKALFMEALDKPQGMILLITGPTGSGKTVSLYTGLNILNT	TESSNI	352
NTDB id 1018	ACIAD RS01685 WP 004920473.1	FRVNSLPTLFGKIVLRLDPSA	MLGIDALGYEPEQKALFMEALDKPQGMILLITGPTGSGKTVSLYTGLNILNT	EHANI	352
consensus		*!*!*!*!*!*!*!*!*!*!*!*!*!*!* * * * !* *			

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1306 DR RS10060 WP 027479822.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1293 VP RS12240 WP 005470995.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1110 NGFG RS09235 WP 003689817.1
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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 1306 DR RS10060 WP 027479822.1		887
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
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NTDB id 1251 GC085 RS07725 WP 011946523.1		574
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NTDB id 1058 ABD1 RS01615 WP 001274986.1		570
NTDB id 1018 ACIAD RS01685 WP 004920473.1		570
consensus		

-  non conserved
-  similar
-  ≥ 50% conserved