

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
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NTDB id 1384 A4U84 RS08525 WP 010787006.1		0
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NTDB id 1366 NTHI RS01950 WP 011271972.1		0
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
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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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NTDB id 1410 SGL RS13950 WP 010873519.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
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NTDB id 1018 ACIAD RS01685 WP 004920473.1		0
consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	EGQKDLKLGELLLQKGWISREALEEALVEQEKTGDLLGRILVRKGLPEEALYRALAEQKGLEFLESTEGIVPDPSAALLL	0
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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	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	6
NTDB id 1028	TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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NTDB id 1168	A1552VC RS11070 WP 000957200.1		0
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NTDB id 1110	NGFG RS09235 WP 003689817.1		0
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consensus			0

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NTDB id 1410	SGL RS13950 WP 010873519.1	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLVGV	86
NTDB id 1028	TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALQAQA.....VATQLGY	391
NTDB id 1384	A4U84 RS08525 WP 010787006.1	MSQY..TI.....CEQQ.....TERIFD..	16
NTDB id 1355	HI 0298 AAC21962.1	MTSY..ALLHTQRVTAK.....NGEVFT..	21
NTDB id 1366	NTHI RS01950 WP 011271972.1	MTSY..ALLHTQRVTAQ.....NGEIFT..	21
NTDB id 1168	A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAELISATQEQAQVVTQVSASGTSVPEALLLEL..SIFHAQELTEQ.....LSHIFGLP	60
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NTDB id 1401	DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFSQEESLIEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
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NTDB id 1251	GCO85 RS07725 WP 011946523.1	...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFGVP	68
NTDB id 1058	ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTGFFRRILVEEKHVSAAATMQTALDAAKRAKQDTPVAYLIEE..VHLSPSLLAET.....ISAEFAEP	68
NTDB id 1018	ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFSGFIRRLVEEYGVNAQNMQQALEKAKKFKQDTPVYLIDN..FSISPLTIAEI.....ISLEFGEP	68
consensus		*	

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NTDB id 1410	SGL RS13950 WP 010873519.1	SVDPVEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAQAQDELNRILRVKG..FELRRLVVT	164
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NTDB id 1366	NTHI RS01950 WP 011271972.1	ISPD.....WERNQQQQLLLRRLYFALPLKEEN...NRLWLGVDLSNLACETIAFITG.....KPVEPILLE	82
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NTDB id 1293	VP RS12240 WP 005479695.1	QPELSQYEYAS.....LCQQILGLRELITRHNALPLHRT...STLLLAVADPTNQQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1401	DSB67 RS12665 WP 010643259.1	CTSLNQYEYAS.....LCQTLGLRLITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1110	NGFG RS09235 WP 003689817.1	ILDLRHYPRHR.....VLMGVLTEEQMVFEHCVVFRRG...DKVFAVSDPTQMPQIQKTVSAAG.....IAVELVIVE	126
NTDB id 1251	GCO85 RS07725 WP 011946523.1	MLDINCIDVGT.....IPVNLVNEKLIKRRHAMVPLFSRG...TNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058	ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....IPKDLVDQKLILKHRILPLIQRG...QILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018	ACIAD RS01685 WP 004920473.1	LLDLGVDFPAL.....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYATSNPTNIEAMDAIRFNSK.....LKVEPTIVE	135
consensus		** * * * * ! * * * * * * * * * *	

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NTDB id 1384	A4U84 RS08525 WP 010787006.1	SDELKYLINALSPEQQPIYE.....	ESELAFVEQEQLNNDPIIQLLDNLFKFC	128	
NTDB id 1355	HI 0298 AAC21962.1	SSQLKELLQQLTPNQMQVEE.....	QVKFYQHGETHFEQEDDEPVIRLLNQIFESA	133	
NTDB id 1366	NTHI RS01950 WP 011271972.1	SSQLKELLQQLTPHQMQUEE.....	QVKFYQHGETHFEQEDDEPVIRLLNQIFESA	133	
NTDB id 1168	A1552VC RS11070 WP 000957200.1	HRALQAAIRRLYGRSIQGAANQGK..EI.SQDELIANL.....	VKVSDDELQSIEDLSQDDSPVSRFINQVILLDA	193	
NTDB id 1293	VP RS12240 WP 005479695.1	FRELSTAIRRLYGRSLSHEKSGLK..EI.NQEELASL.....	VDVGADEIDNIEDLSQDES PVSRYINQILLDA	193	
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NTDB id 1110	NGFG RS09235 WP 003689817.1	DDQLAGLLDWVGSRSSTSL..LQEL.....	GEG.....	QEEESHTLYIDNEEAEDGPVPRFIHKTLSDA	183
NTDB id 1251	GCO85 RS07725 WP 011946523.1	TDKLSALIDNLLTAKESQGLSEYVEDSG.DLEGLEIS.....	AD.DEDQDIDTATSVTDDAPIVKFVNKILLDA	202	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	HHKLEKVLGQHFAEESSFDNDE...EF.D...LDVN.....	LDGPTAQEDEEEAPQGEDAPIVKYINKLLIDA	197	
NTDB id 1018	ACIAD RS01685 WP 004920473.1	HDKLERLLSEHFVEETHFNFDTE...EL.D...LDVE.....	VDPHTTDDDDDEDDKCLKDEAPIVKYINKLLIDA	197	
consensus		* ** *	* * ** ***** *		

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NTDB id 1110	NGFG RS09235 WP 003689817.1	LRSGASDIHFEFYEHNNARIRFRVDGQLREVV.QPPIAIVRGQLASRIKVMSSRLDISEKRIPQDGRMQLTFQKGGKPV	DFRV	262	
NTDB id 1251	GCO85 RS07725 WP 011946523.1	IRQNASDIHFEPYEREYRIRYRQDGLHEVA.TPPASLSSRITARIKVMSSNLDISERRIPQDGGFKMKISK.SRAID	DFRV	280	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	IRMGASDLHFEPYEKSYRVYRVVDGVLRLQIA.NPPLQLANRLASRLKVMSSQMDISEKRV	PQDGRIKLKLSK.SKAID	DFRV	275
NTDB id 1018	ACIAD RS01685 WP 004920473.1	IRMSASDLHFEPYEKSYRVYRVVDGVLRLIA.TPPLQLATRLASRLKVMSSQMDISEKRV	PQDGRIKLKMSK.SKTID	DFRV	275
consensus		** *!!*!*!* ** *!!*!*!*! *	** *	** *!!*!*!*!*!*!*!*!*!*!*!*!*!*!*!* *	!!*!* *

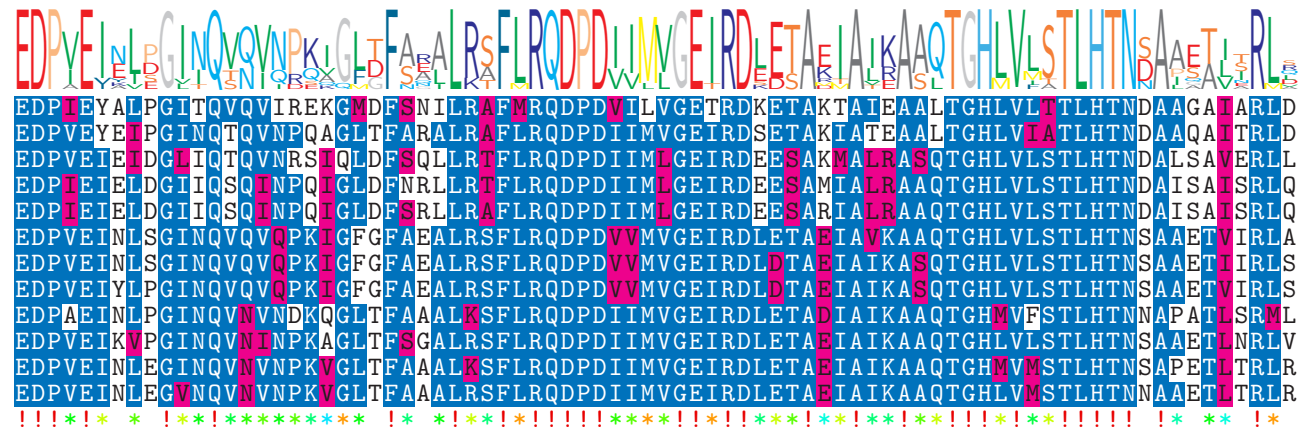
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NTDB id 1168	A1552VC RS11070 WP 000957200.1	STLPTLWGEKIVLRLIDSSAANLIDDKLGYSEQQKQLYLEALRRPQGMLMT	TGPTGSGKTVSLYTGLN	ILNKP	EINISTA		351	
NTDB id 1293	VP RS12240 WP 005479695.1	STLPTLWGEKIVLRLIDSSAANLIDDKLGYSEQQKQLYLEALRRPQGMLMT	TGPTGSGKTVSLYTGLN	ILNKP	EINISTA		351	
NTDB id 1401	DSB67 RS12665 WP 010643259.1	STLPTLWGEKIVLRLIDSSAANLIDDKLGYSEQQKQLYLEALRRPQGMLMT	TGPTGSGKTVSLYTGLN	ILNKP	EINISTA		351	
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NTDB id 1251	GCO85 RS07725 WP 011946523.1	STCPTSAGEKVVVRVLDSSAAGKLGIEALGFNPVQRTNFLKAIQRPQGMILVT	TGPTGSGKTVTLYTALN	ILNTE	SVNISTA		360	
NTDB id 1058	ABD1 RS01615 WP 001274986.1	NSLPTLWGEKIVLRLIDPSSAMLGIDALGYEEDQKALFMEALDKPQGMILLIT	TGPTGSGKTVSLYTGLN	ILNTE	THNISTA		355	
NTDB id 1018	ACIAD RS01685 WP 004920473.1	NSLPTLWGEKIVLRLIDPASAMLGIDALGYEPEQKALFMEALNKPQGMILLIT	TGPTGSGKTVSLYTGLN	ILNTE	HAHNISTA		355	
consensus		***!***!!*!*!* ** *						!!*!* *


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consensus

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consensus

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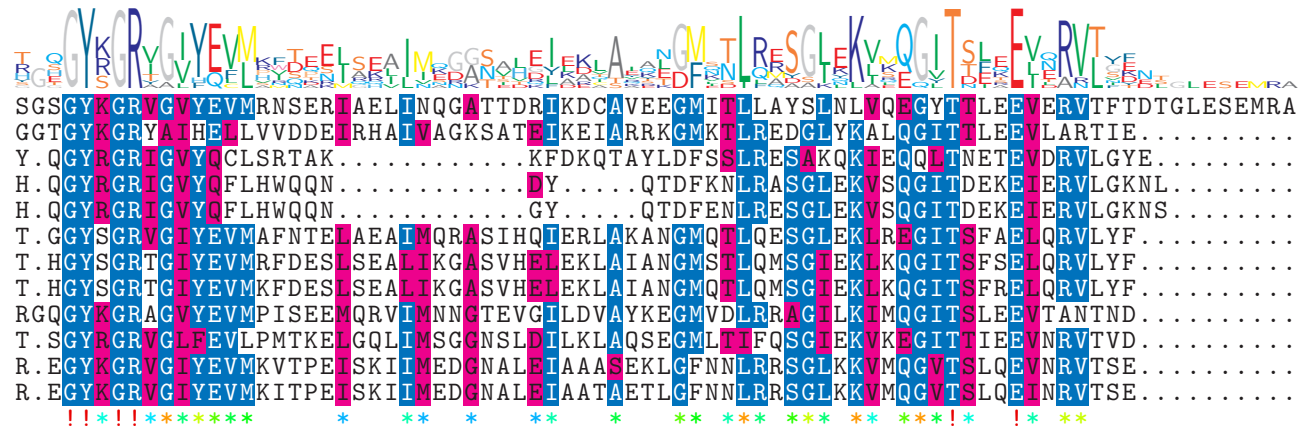


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501

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NTDB id 1058 ABD1 RS01615 WP 001274986.1
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consensus

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641
889
461
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logo

NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
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NTDB id 1355 HI 0298 AAC21962.1		464
NTDB id 1366 NTHI RS01950 WP 011271972.1		464
NTDB id 1168 A1552VC RS11070 WP 000957200.1		562
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
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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