

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 408778 GPY04 RS09975 WP 000957200.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	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	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLNPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 408778 GPY04 RS09975 WP 000957200.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	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 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 408778 GPY04 RS09975 WP 000957200.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	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	MTSSSS	320
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 408778 GPY04 RS09975 WP 000957200.1	.....	0
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	0
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	0
NTDB id 1293 VP RS12240 WP 005479695.1	.....	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	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVLVGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGEILVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALAAQ.....VATQLGYP	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSY..ALLHTQRTAQ.....NGEIFT..	21
NTDB id 1355 HI 0298 AAC21962.1	MTSY..ALLHTQRTAK.....NGEVFT..	21
NTDB id 408778 GPY04 RS09975 WP 000957200.1	MLTNLVAILRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAILRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFQSQEESLLEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSLTLRQKGLLTFQSQEESLLEQVKASGISMPEALLSS..GFFTSSELAEH.....LSSIFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAHHY..NESQAGKEVLPMFLSD..GVISPKSALAL.....IARVFSYS	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQGIGQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFQVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDVTAYLIEE..VHLSPSLLAET.....ISAEEAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFTSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVYLIDN..FSISPLTIAEI.....ISLEFGEP	68
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NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPPEVAPIATQMAELIGRFFPLDTCRRFKFLPLAQQEGDPPSVLVAMVDPDNLAQAQDELNRILRVKGF..ELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPPEEDPPDP.....GAPLLLPEDLCRRYGVFPHRLEG...NRLVLLMKDPRNIALALDDVRLALKRKGLNVEVAPAVAT	463
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDL.....WERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDLSLNSACETIAFITG.....KPVEPILLE	82
NTDB id 1355 HI 0298 AAC21962.1	ISPDL.....WERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDLSLNSACETIAFITG.....KPVEPILLE	82
NTDB id 408778 GPY04 RS09975 WP 000957200.1	ETDLSRYDYAN.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEFFRFRATG.....LQVELALAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN.....LCQQGLGLRELITRYDALPIAKQG...NLLLLAVSDPTLLQAEFFRFRATG.....LQVELALAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYEYAS.....LCQTLGLRLDITRHNALPLNRTS...STLILAVADPTNLQAEDDFRFRATG.....LQVELVLAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQYEYAS.....LCQQGLGLRELITRHNALPLHRTS...STLLLAVADPTNQAEDDFRFRATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDRLHYPRHR.....VLMGVLTEEQMVFEHCVPVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....IAVELVIVE	126
NTDB id 1251 GC085 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	LLDLGVFDPAL.....FLKDKIDEKLIQKYRIMPLVHRG...HVLVYATSNPTNIEAMDIAIRFNSK.....LKVEPTIVE	135
consensus	*****	

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NTDB id 1410 SGL RS13950 WP 010873519.1	QDDFNQLIEQYIAIREEWFAAQEKRDQERALDKLNDLTDIVGSLDMNLG	EDKEDVDNALDSNDANQAPVINLVNKLILAKA	244
NTDB id 1028 TT RS08215 WP 011173991.1	EAAITKLIERFYGKAELSEIAKEF.....	AKKQAEIEVPSPLELDESAAQKFVKQVIREA	518
NTDB id 1366 NTHI RS01950 WP 011271972.1	SSQLKELLQQLTPHQMQVEE.....	QVKFYQHQETHFEQEDDEPVIRLLNQIFESA	133
NTDB id 1355 HI 0298 AAC21962.1	SSQLKELLQQLTPNQMQVEE.....	QVKFYQHQETHFEQEDDEPVIRLLNQIFESA	133
NTDB id 408778 GPY04 RS09975 WP 000957200.1	HRAAQAAIRRLYGRSIQGAANQGKEISQ...DELA.....NLV.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1168 A1552VC RS11070 WP 000957200.1	HRAAQAAIRRLYGRSIQGAANQGKEISQ...DELA.....NLV.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1401 DSB67 RS12665 WP 010643259.1	FRELTAAIRRLYGRSLGQEKSGLKKEINQ...DELA.....GLV.....	DIGEDEIENIEDLSQDESPPVSRFINQILLDA	193
NTDB id 1293 VP RS12240 WP 005479695.1	FRELSTAIRRLYGRSLSHEKSGLKKEINQ...EELA.....SLV.....	DVGADRIDNIEDLSQDESPPVSRFINQILLDA	193
NTDB id 1110 NGFG RS09235 WP 003689817.1	DDQLAGLIDWVGSRSSTSL..LQEL.....G.....EGQ.....	EEEESTLYIDNEEAEDGPVPRFIHKTLSDA	183
NTDB id 1251 GC085 RS07725 WP 011946523.1	TDKLSALIDNLLTAKESQGLSEYVEDSG.DLEGLE.....ISA.....	D.DEDQDIDTATSVTDDAPIVKFVNKILLDA	202
NTDB id 1058 ABD1 RS01615 WP 001274986.1	HHKLEKVLGQHFAEESFFDNDE...EF.D...LD.....VNL.....	DGPTAQEDEEEAPQGDEAPIVKYINKLLIDA	197
NTDB id 1018 ACIAD RS01685 WP 004920473.1	HDKLERLLSEHFVEETHFNFDTE...EL.D...LD.....VEV.....	DPHTTDDDDDEDKDKLDEAPIVKYINKLLIDA	197
consensus	* ** *** *	* ** ** *	

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NTDB id 1410 SGL RS13950 WP 010873519.1	LQEGTSDIHVEPQEEETLRIRFRKDGVLNQAFDPLPRK	ITPAVVARFKIMADMIAERRSPQDGIIRRIY..QGRKVDFRV	322
NTDB id 1028 TT RS08215 WP 011173991.1	FLQDASDIHIEPRQNDVQVRLRIDGALRPYS.TLPKGALNAVISVVKIMGGLN	IAEKRLPQDGRVRYRE..GAIDVDLRL	595
NTDB id 1366 NTHI RS01950 WP 011271972.1	LQKNASDIHLETLADQFQVRFRIDGVLQPPQ.LISKIFANRIISRLKLLAKLD	ISENRLPQDGRFQFKTTF.SDILDRL	211
NTDB id 1355 HI 0298 AAC21962.1	LQKNASDIHLETLADQFQVRFRIDGVLQPPQ.LISKIFANRIISRLKLLAKLD	ISENRLPQDGRFQFKTTF.SDILDRL	211
NTDB id 408778 GPY04 RS09975 WP 000957200.1	VRKGASDIHFEPYENQYRIRLRCDGILVETQ.QPASHLSRRLAARIKILSKLD	IAERRLPQDGRIKRLRSR.DTAIDMRV	271
NTDB id 1168 A1552VC RS11070 WP 000957200.1	VRKGASDIHFEPYENQYRIRLRCDGILVETQ.QPASHLSRRLAARIKILSKLD	IAERRLPQDGRIKRLRSR.DTAIDMRV	271
NTDB id 1401 DSB67 RS12665 WP 010643259.1	VRKGASDIHFEPYENMYRVRLRCDGILIEIQ.QPPSHLSRRLSARIKILSKLD	IAERRLPQDGRIKLKLNLQ.DTAIDMRV	271
NTDB id 1293 VP RS12240 WP 005479695.1	VRKGASDIHFEPYEKMYRVRLRCDGILIEIQ.QPPSHLSRRLSARIKILSKLD	IAERRLPQDGRIKLKLNLQ.DTAIDMRV	271
NTDB id 1110 NGFG RS09235 WP 003689817.1	LRSGASDIHFEPYEHNNARIRFRVVDGQLREV.V.QPPIAVRGQLASRIKVM	SRLDISEKRIPQDGRMQLTFQKGGKPVDFRV	262
NTDB id 1251 GC085 RS07725 WP 011946523.1	IRQASDIHFEPYEREYRIRYRQDGLHEVA.TPPASLSSRITARIKVM	SNLDISERRIPQDGGFKMKISK.SRAIDFRV	280
NTDB id 1058 ABD1 RS01615 WP 001274986.1	IRMGASDIHFEPYEKSYRVYRVVDGVLRLQIA.NPPLQLANRLASRLKVM	SQMDISEKRVPPQDGRIKLKLK.SKAIDFRV	275
NTDB id 1018 ACIAD RS01685 WP 004920473.1	IRMSASDLHFEPYEKSYRVYRVVDGVLRLIA.TPPLQLATRLASRLKVM	SQMDISEKRVPPQDGRIKLKLK.SKTIDFRV	275
consensus	** **!*!*!* **!*!* !*!* ** *	*!*!*!*!*! !*!*!*!*!*!*!* *	*!*!* *

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NTDB id 1410 SGL RS13950 WP 010873519.1	NTLPSRYGEKVCLRLILDNSATQLGLDFLITNPETLQTVRELAARPYGLML	LVGTGPTGSGKSTTLYSVLAERNSPVNI	402
NTDB id 1028 TT RS08215 WP 011173991.1	STLPTVYGEKAVMRLKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFL	ITGPTGSGKSFTTFSILKRIATPKNTQTI	675
NTDB id 1366 NTHI RS01950 WP 011271972.1	STLPTHGGEKIVLRAQQNKPVELSFAELGMTENQQQAFQRSLSQPQGLIL	VTGPTGSGKSISLYTALQWLNTPKDHIMTA	291
NTDB id 1355 HI 0298 AAC21962.1	STLPTHGGEKIVLRAQQNKPVELSFAELGMTENQQQAFQRSLSQPQGLIL	VTGPTGSGKSISLYTALQWLNTPKDHIMTA	291
NTDB id 408778 GPY04 RS09975 WP 000957200.1	STLPTLWGEKIVLRLDSSAANLIDKLGYNPQQKQLYLNALKRPPQGMIL	MTGPTGSGKTVSLYTGLRILNTSQINISTA	351
NTDB id 1168 A1552VC RS11070 WP 000957200.1	STLPTLWGEKIVLRLDSSAANLIDKLGYNPQQKQLYLNALKRPPQGMIL	MTGPTGSGKTVSLYTGLRILNTSQINISTA	351
NTDB id 1401 DSB67 RS12665 WP 010643259.1	STLPTLWGEKIVLRLDSSAANLIDKLGYSDSQKQLYLDALRRPQGMIL	MTGPTGSGKTVSLYTGLSILNKPEINISTA	351
NTDB id 1293 VP RS12240 WP 005479695.1	STLPTLWGEKIVLRLDSSAANLIDKLGYSQKQLYLEALRRPQGMIL	MTGPTGSGKTVSLYTGLNILNKPEINISTA	351
NTDB id 1110 NGFG RS09235 WP 003689817.1	STLPTLWGEKIVLRLDSSAANLIDQLGFEPFQKKLLLEATHRPYGM	LVLTGPTGSGKTVSLYTCLNILNTESVNIATA	342
NTDB id 1251 GC085 RS07725 WP 011946523.1	STCPTSAGEKVVMRVLDSSAAGKLGIEALGFNPVQRTNFKAIQRPQGM	ILVTGPTGSGKTVTLYTALNINLTIEVNISTA	360
NTDB id 1058 ABD1 RS01615 WP 001274986.1	NSLPTLWGEKIVLRLDPSAAMLGIDALGYEEDQKALFMEALDKPQGM	LLITGPTGSGKTVSLYTGLNINLTESVNISTA	355
NTDB id 1018 ACIAD RS01685 WP 004920473.1	NSLPTLWGEKIVLRLDPSAAMLGIDALGYEPEQKALFMEALNKPQGM	LLITGPTGSGKTVSLYTGLNINLTTEHANISTA	355
consensus	*!*!*!*!*!*!* *	* * ** !* * *	*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!*!* *

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NTDB id 1410 SGL RS13950 WP 010873519.1	EDPVEINLGINQVQVQPKIGF	FAALRSFLRQDPDVMVGEIRDLETAIAKAAQTGHLVLSLHTNSAAETIRL	482
NTDB id 1028 TT RS08215 WP 011173991.1	EDPVEYEIPGINQTVQVNPQAGLT	FARALRAFLRQDPDIIMVGEIRDSEAKTATEAALTGHLVLTATLHTNDAQAITRLD	755
NTDB id 1366 NTHI RS01950 WP 011271972.1	EDPIEIELDGIHQSQINPQIGLDF	SRLLRAFLRQDPDIIMLGEIRDEESARIALRAAQTGHLVLSLHTNDAISAI	371
NTDB id 1355 HI 0298 AAC21962.1	EDPIEIELDGIHQSQINPQIGLDF	FNRLRLRFLRQDPDIIMLGEIRDEESAMIALRAAQTGHLVLSLHTNDAISAI	371
NTDB id 408778 GPY04 RS09975 WP 000957200.1	EDPVEINLSGINQVQVQPKIGFG	FAEALRSFLRQDPDVMVGEIRDLETAIEIAVKAAQTGHLVLSLHTNSAAETVIRLA	431
NTDB id 1168 A1552VC RS11070 WP 000957200.1	EDPVEINLSGINQVQVQPKIGFG	FAEALRSFLRQDPDVMVGEIRDLETAIEIAVKAAQTGHLVLSLHTNSAAETVIRLA	431
NTDB id 1401 DSB67 RS12665 WP 010643259.1	EDPVEIYLPGINQVQVQPKIGFG	FAEALRSFLRQDPDVMVGEIRDLETAIEIAIKASQTGHLVLSLHTNSAAETVIRLS	431
NTDB id 1293 VP RS12240 WP 005479695.1	EDPVEINLSGINQVQVQPKIGFG	FAEALRSFLRQDPDVMVGEIRDLETAIEIAIKASQTGHLVLSLHTNSAAETVIRLS	431
NTDB id 1110 NGFG RS09235 WP 003689817.1	EDPAEINLPGINQVNVNDKQGLT	FAAALKSFLRQDPDIIMVGEIRDLETAIAKAAQTGHMVSTLHTNNAPATLSRML	422
NTDB id 1251 GC085 RS07725 WP 011946523.1	EDPVEIKVPGINQVNTINPKAGLT	FSGALRSFLRQDPDIIMVGEIRDLETAIEIAKAAQTGHLVLSLHTNSAAETLNRLV	440
NTDB id 1058 ABD1 RS01615 WP 001274986.1	EDPVEINLEGINQVNVNPKVGLT	FAAALKSFLRQDPDIIMVGEIRDLETAIEIAKAAQTGHMVSTLHTNSAPETLTRLR	435
NTDB id 1018 ACIAD RS01685 WP 004920473.1	EDPVEINLEGVNQVNVNPKVGLT	FAAALRSFLRQDPDIIMVGEIRDLETAIEIAKAAQTGHLVMSTLHTNNAAETLTRLR	435
consensus	!!!** * !!!*****!* !* *!!!!*!!!!!!*****!!!!!!*****!!!!!! ***** !*		

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NTDB id 1410 SGL RS13950 WP 010873519.1	EMGV	FNLASSLSLIAQRLARRLCCK	561
NTDB id 1028 TT RS08215 WP 011173991.1	EMGV	FNLASSLSLIAQRLARRLCCK	819
NTDB id 1366 NTHI RS01950 WP 011271972.1	QLGI	QQHEIENSLLLVIAQRLVRKICPKCGGNL	410
NTDB id 1355 HI 0298 AAC21962.1	QLGI	QQHEIENSLLLVIAQRLVRKICPKCGGNL	410
NTDB id 408778 GPY04 RS09975 WP 000957200.1	NMGV	EPFNLASSLSLIAQRLARRLCCKHCKIAV	493
NTDB id 1168 A1552VC RS11070 WP 000957200.1	NMGV	EPFNLASSLSLIAQRLARRLCCKHCKIAV	493
NTDB id 1401 DSB67 RS12665 WP 010643259.1	NMGV	ESFNLASSLSLIAQRLARRLCCKHCKIAV	492
NTDB id 1293 VP RS12240 WP 005479695.1	NMGV	ESFNLASSLSLIAQRLARRLCCKHCKIAV	492
NTDB id 1110 NGFG RS09235 WP 003689817.1	NMGV	APFNLASSLSLIAQRLARRLCCKHCKIAV	488
NTDB id 1251 GC085 RS07725 WP 011946523.1	NMGV	IPFNLASSLSLIAQRLARRLCCKHCKIAV	505
NTDB id 1058 ABD1 RS01615 WP 001274986.1	NMGV	ASFNLASSLSLIAQRLARRLCCKHCKIAV	501
NTDB id 1018 ACIAD RS01685 WP 004920473.1	NMGV	ASFNLASSLSLIAQRLARRLCCKHCKIAV	501
consensus	**!* ***** *****!!!!!!* !* *		

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NTDB id 1410 SGL RS13950 WP 010873519.1	SGS	GKGRVGVYEVMRNSERTIAELINQGAATTDR	641
NTDB id 1028 TT RS08215 WP 011173991.1	GGT	GKGRVGVYEVMRNSERTIAELINQGAATTDR	889
NTDB id 1366 NTHI RS01950 WP 011271972.1	H.Q	GYRGRIGVYQFLHWQQ	464
NTDB id 1355 HI 0298 AAC21962.1	H.Q	GYRGRIGVYQFLHWQQ	464
NTDB id 408778 GPY04 RS09975 WP 000957200.1	T.G	GYSGRVGIYEVMAFNTEIAEAIMQRASIHQ	562
NTDB id 1168 A1552VC RS11070 WP 000957200.1	T.G	GYSGRVGIYEVMAFNTEIAEAIMQRASIHQ	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	T.H	GYSGRTGIYEVMAFNTEIAEAIMQRASIHQ	561
NTDB id 1293 VP RS12240 WP 005479695.1	T.H	GYSGRTGIYEVMAFNTEIAEAIMQRASIHQ	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	R.G	QYKGRAGVYEVMPISEEMQVRIMNNGTEV	558
NTDB id 1251 GC085 RS07725 WP 011946523.1	T.S	GYRGRVGLFEVLPMTKELGQLIMSGGNSLD	574
NTDB id 1058 ABD1 RS01615 WP 001274986.1	R.E	GYKGRVGIYEVMAFNTEIAEAIMQRASIHQ	570
NTDB id 1018 ACIAD RS01685 WP 004920473.1	R.E	GYKGRVGIYEVMAFNTEIAEAIMQRASIHQ	570
consensus	!!!!***** ** ** *		

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NTDB id 1410 SGL RS13950 WP 010873519.1	KRKSALTCRTCAAELQQEWLDCPYCMTSRFS	672
NTDB id 1028 TT RS08215 WP 011173991.1	.....	889
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	464
NTDB id 1355 HI 0298 AAC21962.1	.....	464
NTDB id 408778 GPY04 RS09975 WP 000957200.1	.....	562
NTDB id 1168 A1552VC RS11070 WP 000957200.1	.....	562
NTDB id 1401 DSB67 RS12665 WP 010643259.1	.....	561
NTDB id 1293 VP RS12240 WP 005479695.1	.....	561
NTDB id 1110 NGFG RS09235 WP 003689817.1	.....	558
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