

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 349232 EZZ25 RS06355 WP 000957192.1	.....	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	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	0
NTDB id 1028 TT RS08215 WP 011173991.1	ALLPAEKAKELKAIPFALDEEAGVVRVAFNLPLDTLSLEEVEDLTGLVVEPYQTTKSAFLYALAKHYPELGLPVPPPPSG	160
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	.....	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 349232 EZZ25 RS06355 WP 000957192.1		0
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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	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLGEVLVQEGKLSREAL	320
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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		0

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NTDB id 1410 SGL RS13950 WP 010873519.1	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTCRSLPEELKAVTGRELSPELLRQYKKNQLFELKVLYGV	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGETLVELGLIARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALAAQ.....VATQLGY	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	21
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	MLTNLVAIILRQAEILISAMQEQAIVTQVSASGTSVPEALLGL..GFFHPRELTEQ.....LSHIFGLQ	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAIILRQAEILISATQEQAIVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFQSQEESLLEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSTILRQKGLLTFSQEESLIEQVKASGISMPEALLSS..GFFTSSELAEH.....LSSIFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAEHY..NESQAGKEVLPMLFSD..GVISPKSLAAL.....IARVFSYS	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFGVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTIGFFRRLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEE..VHLSPSLLAET.....ISAEFAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFSGFIRRLVEEGYVNAQNMQQALEKAKKFKQDTPVPLIDN..FSISPLTTAEI.....ISLEFGEP	68
consensus	*	

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NTDB id 1410 SGL RS13950 WP 010873519.1	SVDPVEVAPIATQQMAELIGRFFPLDTCRRFKFLPLAQEGDPPSVLVAMVDPDNLAAQDELNRILRVKGF..ELRRLVVT	164
NTDB id 1028 TT RS08215 WP 011173991.1	YVDPEEDPPDP.....GAPLLLPEDLCRRYGVFPHRLE...GNRLVLLMKDPRNIALALDDVRLALKRKGLNYEVAPAVAT	463
NTDB id 1366 NTHI RS01950 WP 011271972.1	ISPDL.....WERNQQQQSLILRYFALPLKEE...NNRLWLGVDSLNLNSACETIAFITG.....KPVEPILLE	82
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	ETDLSRYDYAN.....LCQQQLGLRELITRYDALPIAKQ...GNLLLLAVSDPTLLQAEEEFRFATG.....LQVELALAD	127
NTDB id 1168 A1552VC RS11070 WP 000957200.1	ETDLSRYDYAN.....LCQQQLGLRELITRYDALPIAKQ...GNLLLLAVSDPTLLQAEEEFRFATG.....LQVELALAD	127
NTDB id 1401 DSB67 RS12665 WP 010643259.1	CTSLNQYEYAS.....LCQTLGLRDLITRHNALPLNRT...SSTLILAVADPTNLQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1293 VP RS12240 WP 005479695.1	QPELSQYEYAS.....LCQQQLGLRELITRHNALPLHRT...PSTLLLAVADPTNQAEDDFRFATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDLRHYPRHR.....VLMGVLTTEEQMVFEHCVPVFRR...GDKVFFAVSDPTQMPQIQKTVSAAG.....IATELVIVE	126
NTDB id 1251 GC085 RS07725 WP 011946523.1	MLDINCI DVGT.....IPVNLVNEKLIKRRHAMVPLFSR...GTNLYLATDDPSKQASLKEIQFHTG.....LNTHAIVVE	135
NTDB id 1058 ABD1 RS01615 WP 001274986.1	YFDLDVYDTSQ.....IPKDLVDQKLILKHRILPLIQR...GQILYVATSNPSNIEAIDAIRFNSK.....LLVEPVIVE	135
NTDB id 1018 ACIAD RS01685 WP 004920473.1	LLDLGVFDPAL.....FLKDKIDEKLIQKYRIMPLVHR...GHVLYVATSNPTNIEAMDAIRFNSK.....LKVEPIIVE	135
consensus	*	

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NTDB id 1028 TT RS08215 WP 011173991.1	EAAITTKLIERFYGKAELSEIAKEF.....	AKKQAEIEVPSPLELDESAAQKFVKQVIREA	518
NTDB id 1366 NTHI RS01950 WP 011271972.1	SSQLKELIQLLTPHQMQVEE.....	QVKFYQHQETHFEQEDDEPVIRLLNQIFESA	133
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	HRALQAAIRRLYGRSIQGAANQGKEISQ...DELANL.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1168 A1552VC RS11070 WP 000957200.1	HRALQAAIRRLYGRSIQGAANQGKEISQ...DELANL.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1401 DSB67 RS12665 WP 010643259.1	FRELTAAIRRLYGRSLGQEKSGLKKEINQ...DELAGL.....	DIGEDEIENIEDLSQDESPPVSRFINQVLLDA	193
NTDB id 1293 VP RS12240 WP 005479695.1	FRELSTAIRRLYGRSLSHKESGLKKEINQ...EELASL.....	DVGADEIDNIEDLSQDESPPVSRFINQVLLDA	193
NTDB id 1110 NGFG RS09235 WP 003689817.1	DDQLAGLIDWVGSRSTSL..LQEL.....	GEQ.....Q.....EEEEHSHTLYIDNEEAEDGPVPRFIHKTLSDA	183
NTDB id 1251 GC085 RS07725 WP 011946523.1	TDKLSALIDNLLTAKESQGLSEYVEDSG.DLEGLEIS.....	A.....D.DEDQDIDTATSVTDDAPIVKVFVNKILLDA	202
NTDB id 1058 ABD1 RS01615 WP 001274986.1	HHKLEKVLGQHFAEESSFDFNDE...EF.D...LDVN.....	L.....DGPTAQEDEEEAPQGDEAPIVKYINKLLIDA	197
NTDB id 1018 ACIAD RS01685 WP 004920473.1	HDKLERLLSEHFVEETHFNFDTE...EL.D...LDVE.....	V.....DPHTTDDDDDEDKCLKDEAPIVKYINKLLIDA	197
consensus	* ** **** *	* **	

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NTDB id 1410 SGL RS13950 WP 010873519.1	LQEGTSDIHVEPQEETLRIRFRKDGVLNQAFDPLPRKITPAVVARFKIMADMDIAERRSPQDGKIRRIY..QGRKVD	FRV	322
NTDB id 1028 TT RS08215 WP 011173991.1	FLQDASDIHIEPRQNDVQVRLRIDGALRPYST.LPKGALNAVISVVKIMGGLNIAEKRLPQDGRVRYRE..GAIDV	DLRL	595
NTDB id 1366 NTHI RS01950 WP 011271972.1	LQKNASDIHLETLADQFQVRFRIDGVLQPPL.ISKIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTF.SDIL	DFRL	211
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	VRKGASDIHFEPYENQYRIRLRCDGILVETQQ.PASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSR.DT	AIDMRV	271
NTDB id 1168 A1552VC RS11070 WP 000957200.1	VRKGASDIHFEPYENQYRIRLRCDGILVETQQ.PASHLSRRLAARIKILSKLDIAERRLPQDGRIKLRLSR.DT	AIDMRV	271
NTDB id 1401 DSB67 RS12665 WP 010643259.1	VRKGASDIHFEPYENMYRVRLRCDGILIEIQQ.PPSHLRRLSARIKILSKLDIAERRLPQDGRIKLRLNQ.DT	AIDMRV	271
NTDB id 1293 VP RS12240 WP 005479695.1	VRKGASDIHFEPYEKMYRVRLRCDGILIEIQQ.PPNHLRRLSARIKILSKLDIAERRLPQDGRIKLRLNQ.DT	AIDMRV	271
NTDB id 1110 NGFG RS09235 WP 003689817.1	LRSGASDIHFEFYEHNARIRFRVVDGQLREVVQ.PPIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQK	GGKPVDFRV	262
NTDB id 1251 GC085 RS07725 WP 011946523.1	IRQGASDIHFEPYEREYRIRYRQDGLHEVAT.PPASLSSRITARIKIVMSNLDISERRIPQDGGFKMKISK.SR	AIDFRV	280
NTDB id 1058 ABD1 RS01615 WP 001274986.1	IRMGASDIHFEPYEKSYRVRYRVVDGVLRLQIAN.PPLQLIANRLASRLKIVMSQMDISEKRVPPQDGRIKLKLSK	.SKAIDFRV	275
NTDB id 1018 ACIAD RS01685 WP 004920473.1	IRMSASDLHFEPYEKSYRVRYRVVDGVLRLQIAN.PPLQLATRLASRLKIVMSQMDISEKRVPPQDGRIKLKMSK	.SKTIDFRV	275
consensus	** **!!**!* **	***!!* **	

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NTDB id 1410 SGL RS13950 WP 010873519.1	NLTPSRYGKVKCLRILDNSATQLGLDFLITNPETLQTVRELAARPYGLMLVGTGPTGSGKSTTLYSVLAERN	SPENVNISTA	402
NTDB id 1028 TT RS08215 WP 011173991.1	STLPTVYGKAVMRLKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFLITGPTGSGKSFTTFSILKRIATPDKNTQTI		675
NTDB id 1366 NTHI RS01950 WP 011271972.1	STLPTHWGKIVLRAQQNKPVLSFAELGMTENQQQAQFQRSLSQPQGLILVTGPTGSGKSISLYTALQWLNTPD	KHIMTA	291
NTDB id 349232 EZZ25 RS06355 WP 000957192.1	STLPTLWGKIVLRLLDSSAANLIDKLGYNPQQKQLYLNALKRPQGMILMTGPTGSGKTVSLYTGLRILNTSQINISTA		351
NTDB id 1168 A1552VC RS11070 WP 000957200.1	STLPTLWGKIVLRLLDSSAANLIDKLGYNPQQKQLYLNALKRPQGMILMTGPTGSGKTVSLYTGLRILNTSQINISTA		351
NTDB id 1401 DSB67 RS12665 WP 010643259.1	STLPTLFGKIVLRLDSSSAALDINKLGYSDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLSILNKPEINISTA		351
NTDB id 1293 VP RS12240 WP 005479695.1	STLPTLFGKIVLRLLDSSASLIDKLGYSSEQKQLYLEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPEINISTA		351
NTDB id 1110 NGFG RS09235 WP 003689817.1	STLPTLFGKIVVMRIILNSDAASLIDQLGFEPFQKKLLLEAIHRPYGMVLVTGPTGSGKTVSLYTCLNILNTESVNIATA		342
NTDB id 1251 GC085 RS07725 WP 011946523.1	STCPTSAGEKVVVRVLDSGAACKLGEALGFNPVQRTNFKAIQRPQGMILVTGPTGSGKTVTLYTALNINLNTIEVNISTA		360
NTDB id 1058 ABD1 RS01615 WP 001274986.1	NSLPTLFGKIVLRLIDPSSAMLGIDALGYEEDQKALFMEALDKPQGMILLITGPTGSGKTVSLYTGLNINLNTESNISTA		355
NTDB id 1018 ACIAD RS01685 WP 004920473.1	NSLPTLFGKIVLRLIDPSSAMLGIDALGYEPEQKALFMEALDKPQGMILLITGPTGSGKTVSLYTGLNINLNTESNISTA		355
consensus	***!!**!* **	* **	

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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 349232 EZZZ25 RS06355 WP 000957192.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
NTDB id 1293 VP RS12240 WP 005479695.1
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NTDB id 1058 ABD1 RS01615 WP 001274986.1
NTDB id 1018 ACIAD RS01685 WP 004920473.1
consensus

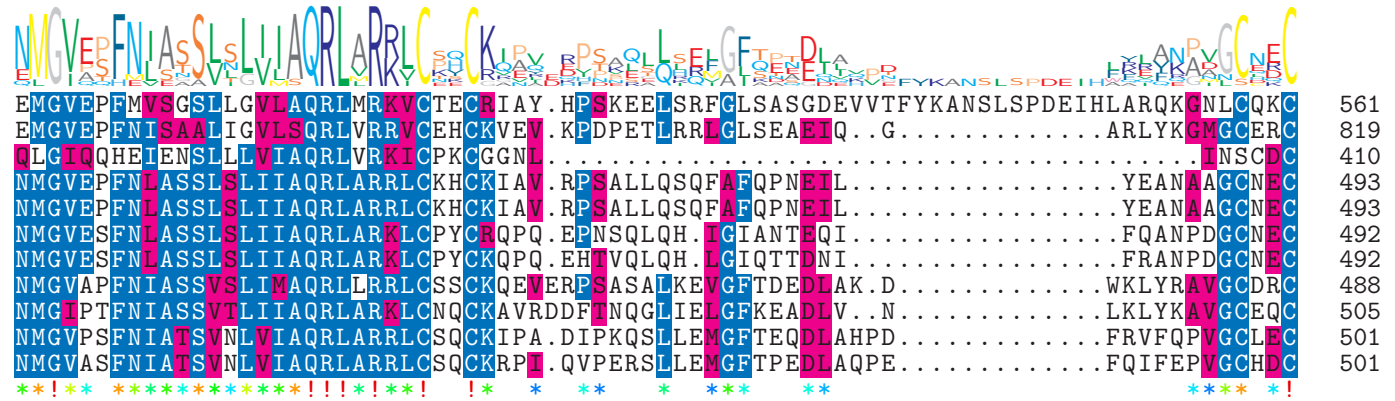
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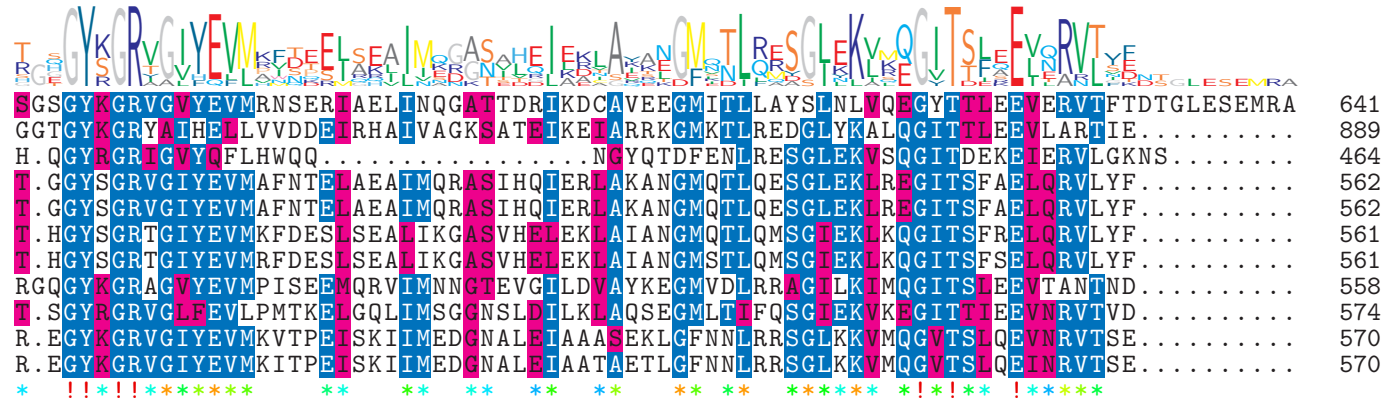
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NTDB id 1410 SGL RS13950 WP 010873519.1
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
NTDB id 349232 EZZZ25 RS06355 WP 000957192.1
NTDB id 1168 A1552VC RS11070 WP 000957200.1
NTDB id 1401 DSB67 RS12665 WP 010643259.1
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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
NTDB id 1028 TT RS08215 WP 011173991.1
NTDB id 1366 NTHI RS01950 WP 011271972.1
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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 349232 EZZ25 RS06355 WP 000957192.1		562
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NTDB id 1401 DSB67 RS12665 WP 010643259.1		561
NTDB id 1293 VP RS12240 WP 005479695.1		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