

logo

NTDB id 1410 SGL RS13950 WP 010873519.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTTIEDRFGIPLVELHRVEIPPKVK	0
NTDB id 1028 TT RS08215 WP 011173991.1	MSVLTIGDKRLGAALLDAGLLTDEELQRALERHREVGGSLAEVLVDMGLLSERRIAQTTIEDRFGIPLVELHRVEIPPKVK	80
NTDB id 1366 NTHI RS01950 WP 011271972.1	.....	0
NTDB id 1355 HI 0298 AAC21962.1	.....	0
NTDB id 26233 VCM66 RS11590 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
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NTDB id 1293 VP RS12240 WP 005479695.1		0
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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 1401 DSB67 RS12665 WP 010643259.1		0
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NTDB id 1110 NGFG RS09235 WP 003689817.1		0
NTDB id 1251 GC085 RS07725 WP 011946523.1		0
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consensus		

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NTDB id 1410 SGL RS13950 WP 010873519.1	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLG	6
NTDB id 1028 TT RS08215 WP 011173991.1	LRSDALRYGAVPIGFGQNGEVEVVLSDPRHKEAVAQLLNRPARFYALALPQAWHEELFRRAYPQKNRLG	320
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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		0

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NTDB id 1410 SGL RS13950 WP 010873519.1	SKKSRAVALRNYFSPFGNKLIVAGGHVDAEQLRQALIVQVKKTGRSLPEELKAVTGRELSPELIRQYKKNQLFELKVL	86
NTDB id 1028 TT RS08215 WP 011173991.1	KEALEVQKGLPRAKPLGELTVELGLARPEDVEEALQKQRRGGGRLEDTLVQS..GKLRPEALAAQ.....VATQLGYP	391
NTDB id 1366 NTHI RS01950 WP 011271972.1	MTSY..ALLHTQRTAQ.....NGEIFT..	21
NTDB id 1355 HI 0298 AAC21962.1	MTSY..ALLHTQRTAK.....NGEFT..	21
NTDB id 26233 VCM66 RS11590 WP 000957200.1	MLTNLVAITLRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1168 A1552VC RS11070 WP 000957200.1	MLTNLVAITLRQAEILISATGEQAVVTQVSASGTSVPEALLEL..SIFHAQELTEQ.....LSHIFGLP	60
NTDB id 1401 DSB67 RS12665 WP 010643259.1	MLTNLSTVLRQAGILTFQSQEESSLIEQVKASGISMPEALLSS..GFFQSHELTEH.....LSSVFGLS	60
NTDB id 1293 VP RS12240 WP 005479695.1	MHSNLSITLRQKGLTFQSQEESSLIEQVKASGISMPEALLSS..GFFTSSELAEH.....LSSIFGLS	60
NTDB id 1110 NGFG RS09235 WP 003689817.1	MSVGLLRILVQNQVVTVEQAHHY..NESQAGKEVLPMFLSD..GVITSPKSLAAL.....IARVFSYS	59
NTDB id 1251 GC085 RS07725 WP 011946523.1	...MALATEEYRLQGITQLLVLEKLLDKTKAIELHKLAAAEKISLLQYIVKN..KILSAEQIALT.....AAQNFQVP	68
NTDB id 1058 ABD1 RS01615 WP 001274986.1	...MSALHTSPKFTIGFFRRLLVEEKHVSAAATMQTALDAAKRAKQDTVAYLIEE..VHLSPSLLAET.....ISAEEAEP	68
NTDB id 1018 ACIAD RS01685 WP 004920473.1	...MSAFTTPPKFTSGFIRRLVEEGYVNAQNMQQALEKAKFKQDIVPYLIDN..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
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NTDB id 1355 HI 0298 AAC21962.1	ISPD.....WERNQQQSSLLRLRYFALPLKEEN...NRLWLGVDLSNLSACETIAFITG.....KPVEPILLE	82
NTDB id 26233 VCM66 RS11590 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...STLLLAVADPTNQAEEDDFRFRATG.....LQVELVLAD	127
NTDB id 1110 NGFG RS09235 WP 003689817.1	ILDRLHYPRHR.....VLMGVLTEEQMVFEHCVFVFRRG...DKVFFAVSDPTQMPQIQKTVSAAG.....LAVELVIVE	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	QDDFNQLLEQYIAIREEWFAAQEKRDQERALDKLNDLTDIVGSI	DMNLGEDKEDVDNALDSNDANQAPVINLVNKLILAKA	244
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NTDB id 1366 NTHI RS01950 WP 011271972.1	SSQLKELLQQLTPHQMQVEE.....	QVKFYQHQETHFEQEDDEPVIRLLNQIFESA	133
NTDB id 1355 HI 0298 AAC21962.1	SSQLKELLQQLTPNQMQVEE.....	QVKFYQHQETHFEQEDDEPVIRLLNQIFESA	133
NTDB id 26233 VCM66 RS11590 WP 000957200.1	HRAALQAAIRRLYGRSIQGAANQGKEISQ...DELA.....NLV.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1168 A1552VC RS11070 WP 000957200.1	HRAALQAAIRRLYGRSIQGAANQGKEISQ...DELA.....NLV.....	KVSDDELQSIEDLSQDDSPVSRFINQVLLDA	193
NTDB id 1401 DSB67 RS12665 WP 010643259.1	FRELTAAIRRLYGRSLGQEKSGLKEINQ...DELA.....GLV.....	DIGEDEIENIEDLSQDES PVSRYINQILLDA	193
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NTDB id 1110 NGFG RS09235 WP 003689817.1	DDQLAGLLDWVGSRSSTSL..LQEL.....G.....EGQ.....	EEEESHTLYIDNEEAEDGPVPRFIHKTLSDA	183
NTDB id 1251 GC085 RS07725 WP 011946523.1	TDKLSALIDNLLTAKESQGLSEYVEDSG.DLEGLE.....ISA.....	D.DEDQDIDTATSVTDDAPIVKFVNKILLDA	202
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NTDB id 1018 ACIAD RS01685 WP 004920473.1	HDKLERLLSEHFVEETHFNFDTE...EL.D...LD.....VEV.....	DPHTTDDDDDEDKDKLDEAPIVKYINKLLIDA	197
consensus	* ** *** *	* * * * * * * * * * !	

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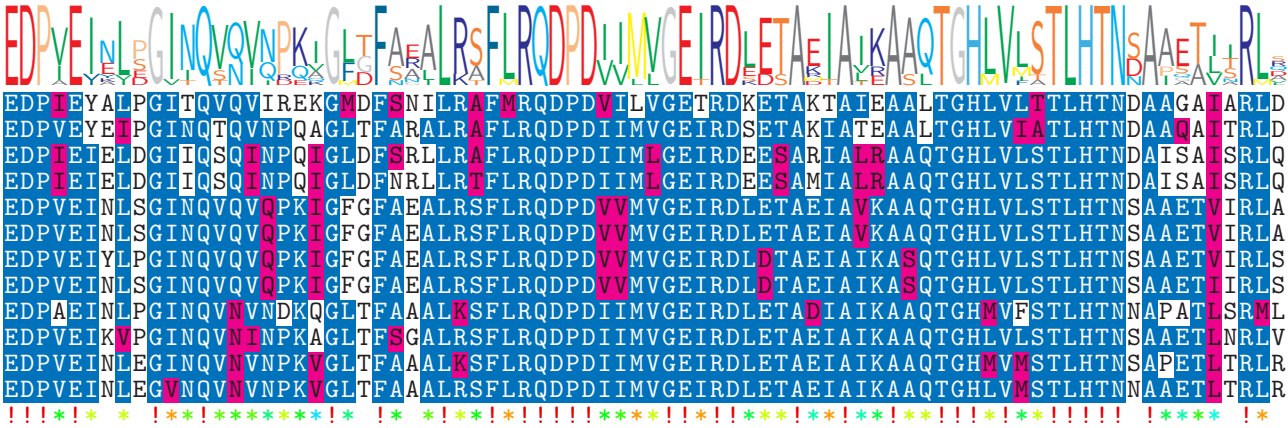
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NTDB id 1355 HI 0298 AAC21962.1	LQKNASDIHLETTLADQFQVRFRI	DGVLQPPQ.LISKIFANRIISRLKLLAKLDISENRLPQDGRFQFKTTTF.SDILD	DFRL	211
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NTDB id 1401 DSB67 RS12665 WP 010643259.1	VRKGASDIHFEPYENMYRVRLRC	DGILIEIQ.QPPSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAIDMRV	271	
NTDB id 1293 VP RS12240 WP 005479695.1	VRKGASDIHFEPYEKMYRVRLRC	DGILIEIQ.QPPSHLSRRLSARIKILSKLDIAERRLPQDGRIKLKLNQ.DTAIDMRV	271	
NTDB id 1110 NGFG RS09235 WP 003689817.1	LRSGASDIHFEPYEHNNARIRFRV	DGQLREVV.QPPIAVRGQLASRIKIVMSRLDISEKRIPQDGRMQLTFQKGGKPV	DFRV	262
NTDB id 1251 GC085 RS07725 WP 011946523.1	IRQASDIHFEPYEREYRIRYRQ	DGTLHEVA.TPPASLSSRITARIKIVMSNLDISERRIPQDGGFKMKISK.SRAIDFRV	280	
NTDB id 1058 ABD1 RS01615 WP 001274986.1	IRMGASDIHFEPYEKSYRVRYRV	DGVLRLQIA.NPPLQLANRLASRLKIVMSQMDISEKRVPPQDGRIKLKLSK.SKAIDFRV	275	
NTDB id 1018 ACIAD RS01685 WP 004920473.1	IRMSASDLHFEPYEKSYRVRYRV	DGVLRLQIA.NPPLQLANRLASRLKIVMSQMDISEKRVPPQDGRIKLKLSK.SKTIDFRV	275	
consensus	** **!*!*** **!*! !*! * ** *			

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NTDB id 1028 TT RS08215 WP 011173991.1	STLPTVYGEKAVMRL	LKKASDIPEIEDLGFAPGVFERFKEVISKPYGIFLIT	TGPTGSGKSFTTFSILKRIATPDKNTQTI					675
NTDB id 1366 NTHI RS01950 WP 011271972.1	STLPTHWGEKIVLRAQQNKPVELSFAEL	GMTENQQQAFQRSLSQPQGLILVT	TGPTGSGKSISLYTALQWLNTPDKHIMTA					291
NTDB id 1355 HI 0298 AAC21962.1	STLPTHWGEKIVLRAQQNKPVELSFAEL	GMTENQQQAFQRSLSQPQGLILVT	TGPTGSGKSISLYTALQWLNTPDKHIMTA					291
NTDB id 26233 VCM66 RS11590 WP 000957200.1	STLPTLWGEKIVLRLDSSAANLDIDKLGYNPQ	QKQLYLNAL	KRPQGMILMTGPTGSGKTVSLYTGLRILNTS	QINISTA				351
NTDB id 1168 A1552VC RS11070 WP 000957200.1	STLPTLWGEKIVLRLDSSAANLDIDKLGYNPQ	QKQLYLNAL	KRPQGMILMTGPTGSGKTVSLYTGLRILNTS	QINISTA				351
NTDB id 1401 DSB67 RS12665 WP 010643259.1	STLPTLWGEKIVLRLDSSAANLDIDKLGYS	SDSQKQLYLDALRRPQGMILMTGPTGSGKTVSLYTGLSILNKPEINISTA						351
NTDB id 1293 VP RS12240 WP 005479695.1	STLPTLWGEKIVLRLDSSAANLDIDKLGYS	SEQKQLYLEALRRPQGMILMTGPTGSGKTVSLYTGLNILNKPEINISTA						351
NTDB id 1110 NGFG RS09235 WP 003689817.1	STLPTLWGEKVVMRILNSDAASLNDIDQLG	FEFPQKKLLLEATHRPYGMVLVTGPTGSGKTVSLYTCLNILNTESVNIATA						342
NTDB id 1251 GC085 RS07725 WP 011946523.1	STCPTSAGEKVVMRVLD	SGAAKLGIEALGFNPVQRTN	FLKAIQRPQGMILVTGPTGSGKTVTLYTALN	NILNTIEVNISTA				360
NTDB id 1058 ABD1 RS01615 WP 001274986.1	NSLPTLWGEKIVLRLD	PSSAMLGIDALGYEEDQKALFMEALDKPQGMILLITGPTGSGKTVSLYTGLN	NILNTESSNISTA					355
NTDB id 1018 ACIAD RS01685 WP 004920473.1	NSLPTLWGEKIVLRLD	PASAMLGIDALGYEPEQKALFMEALNKPQGMILLITGPTGSGKTVSLYTGLN	NILNTEHANISTA					355
consensus	***!*****!*** * * * * ! *							

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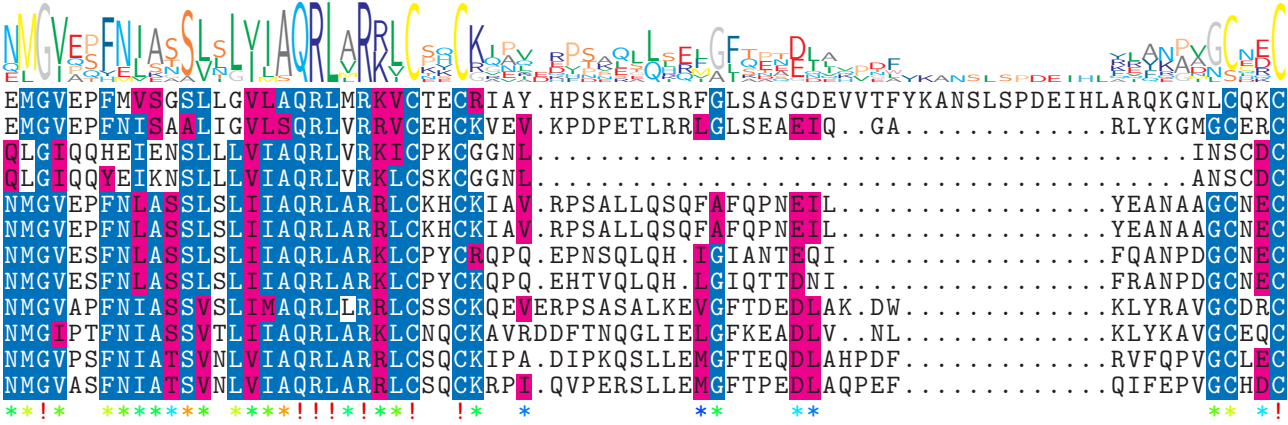
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NTDB id	1058	ABD1 RS01615 WP 001274986.1
NTDB id	1018	ACIAD RS01685 WP 004920473.1
consensus		



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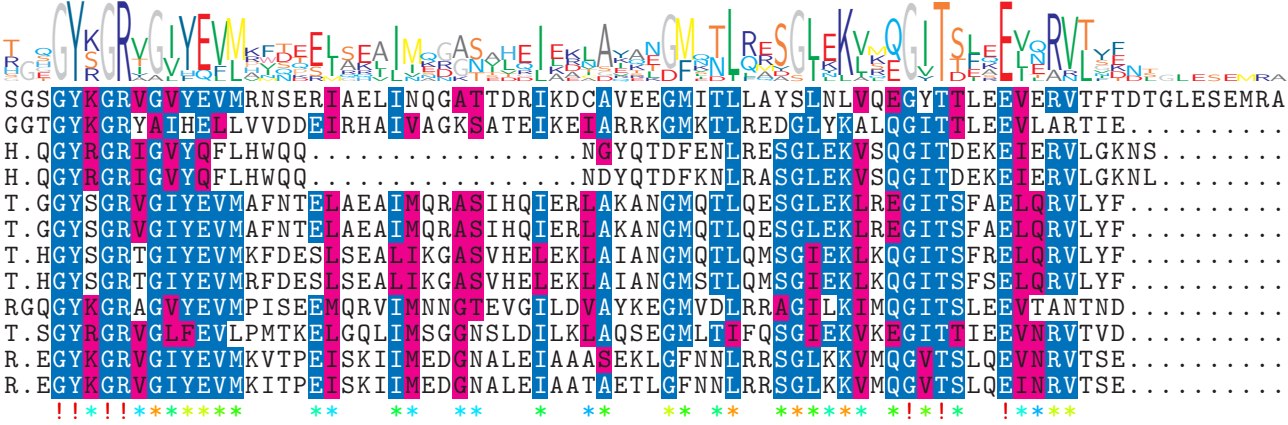
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NTDB id	1401	DSB67 RS12665 WP 010643259.1
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consensus		



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NTDB id	1410	SGL RS13950 WP 010873519.1
NTDB id	1028	TT RS08215 WP 011173991.1
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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	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 26233 VCM66 RS11590 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