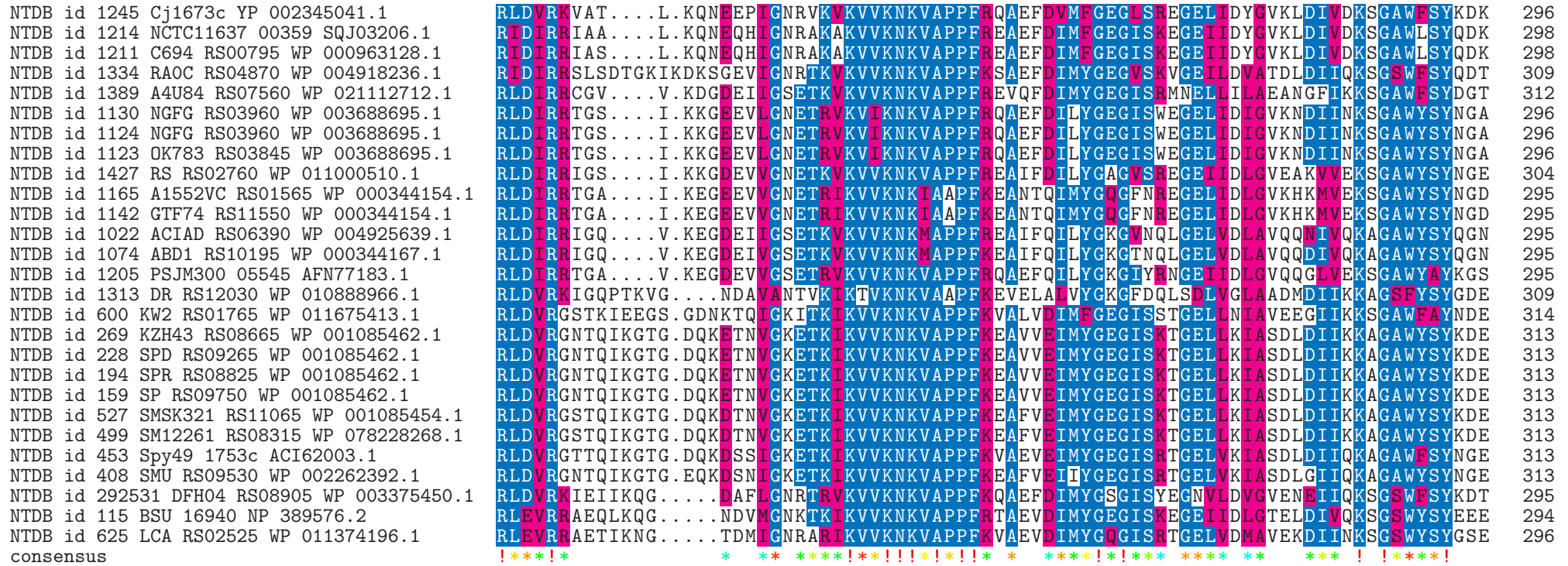


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NTDB id 1245 Cj1673c YP 002345041.1MDDNKRKSLDAALKSLDKT	FGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGVPKGRIT	61			
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NTDB id 1334 RAOC RS04870 WP 004918236.1MAKTETTSPND	DKKALAAVLEKLDKTYGKGTVMKLGDTVDHNI	EVIPSGSLGLDLALGVGGYPKGRIV	70		
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NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAQIEKS	FGKGAIMKMDGSQREENLEVISTGSLGLDLALGVGGLPRGRIV	62			
NTDB id 1123 OK783 RS03845 WP 003688695.1MSDDKSKALAAALAQIEKS	FGKGAIMKMDGSQREENLEVISTGSLGLDLALGVGGLPRGRIV	62			
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NTDB id 1142 GTF74 RS11550 WP 000344154.1MDENKQKALAAALGQIEKQ	FGKGSIMRLGDN.RAMDVETISTGSLSLDI	ALGAGGLPMGRIV	61		
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDNKS	KALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAV	STGSLTLDIALGIGGLPKGRIV	61		
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENKS	KALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAV	STGSLTLDIALGIGGLPKGRIT	61		
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKK	RALAAALGQIEKQFGKGAVMRMGDH.DRQAIP	SISTGSLGLDI	ALGIGGLPKGRIV	61	
NTDB id 1313 DR RS12030 WP 010888966.1	.MSKD...AT.KEISAP	TDAKERSKATETAM	SQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDL	ALGVGGIPRGRIT	74	
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NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK...PKKLEEIS	KKFGAEREKALNDALKLIEKD	FGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
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NTDB id 159 SP RS09750 WP 001085462.1	.MAKK...PKKLEEIS	KKFGAEREKALNDALKLIEKD	FGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK...PKKLDEIS	KKFGAEREKALNDALKLIEKD	FGKGSIMRLGER.AEQKVQVMSSGSLALDI	ALGSGGYPKGRIT	75	
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK...LKKNEEIT	KKFGDERRKALDDALKNIEKD	FGKGAVMRLGER.AEQKVQVMSSGSLALDI	ALGAGGYPKGRIT	75	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR...IKKTEEIT	KKFGDERRKALDDALKNIEKD	FGKGAVMRLGER.AEQKVQVMSSGSLALDI	ALGAGGYPKGRIV	75	
NTDB id 292531 DFH04 RS08905 WP 003375450.1MNN	EKMALQAALTQIEKQFGKGSVMKLGEE.QVLN	IEAISTGSLSLDI	ALGIGGIPRGRIT	61	
NTDB id 115 BSU 16940 NP 389576.2MS	DRQAALDMALKQIEKQFGKGSIMKLG	EK.TDTRISTVPSGSLALDI	ALGIGGYPRGRIT	60	
NTDB id 625 LCA RS02525 WP 011374196.1MAKD	ERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQ	VSTVSSGSLALDEALGVGGYPRGRIV	62		
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NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
 NTDB id 1124 NGFG RS03960 WP 003688695.1
 NTDB id 1123 OK783 RS03845 WP 003688695.1
 NTDB id 1427 RS RS02760 WP 011000510.1
 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 NTDB id 1313 DR RS12030 WP 010888966.1
 NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
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 NTDB id 408 SMU RS09530 WP 002262392.1
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 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1

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 KIGQGGKNNAVKWLKENPEIADKLEQEI RNTLASNPNSVLKATASDS.NDES DVEEFSEE.....EL.....
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NTDB id 1245 Cj1673c YP 002345041.1	.	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	.	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	.	348
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NTDB id 1427 RS RS02760 WP 011000510.1	.	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.	347
NTDB id 1313 DR RS12030 WP 010888966.1	.	363
NTDB id 600 KW2 RS01765 WP 011675413.1	.	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E	388
NTDB id 228 SPD RS09265 WP 001085462.1	E	388
NTDB id 194 SPR RS08825 WP 001085462.1	E	388
NTDB id 159 SP RS09750 WP 001085462.1	E	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	E	384
NTDB id 453 Spy49 1753c ACI62003.1	.	378
NTDB id 408 SMU RS09530 WP 002262392.1	.	383
NTDB id 292531 DFH04 RS08905 WP 003375450.1	.	348
NTDB id 115 BSU 16940 NP 389576.2	.	348
NTDB id 625 LCA RS02525 WP 011374196.1	.	355

consensus

non conserved
 similar
 ≥ 50% conserved