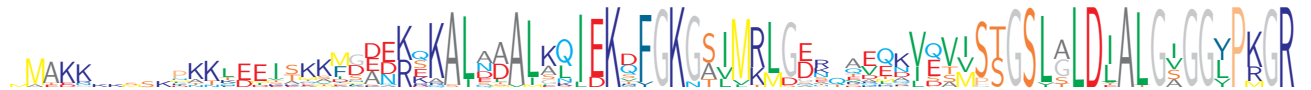


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NTDB id 1313 DR RS12030 WP 010888966.1MSKDATKEISAPTDAK	ERSKATETAMSQIEKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDLALGVGGIPRGR	72		
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPKGR	59	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATSLA	IKQIDKVFHGKALVRLGDK	.QVEKIDAISTGSLGLDLALGIGGVPKGR	61	
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATSLA	IKQIDKVFHGKALVRLGDK	.QVEKIDSISTGSLGLDLALGIGGVPKGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSNP	DDKKKALAAVLEKLDKT	YKGTVMKLGDTVDHNI	IEVIPSGLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKSSKNNTV.VKQVEP	EQKKQALEAALAQIEKQ	FGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGR	76		
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFHGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60	
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFHGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60	
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALA	QIEKSFHGKGAIMKMDGSQ	QEEENLEVISTGSLGLDLALGVGGLPRGR	60	
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALAQIEKQ	FGKGSIMKMGDA.EVEPVQVVSTGSLGLDV	ALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALG	QIEKQFGKGSIMRLGDN	.RAMDVETISTGSLSLDI	ALGAGGLPMGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKRALAAALG	QIEKQFGKGAVMRMGDH	.DRQATPSISTGSLGLDI	ALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1MDDNKSKALQAALS	QIEKQFGKNTVMRLGDN	.TVQAVEAVSTGSLTLDI	ALGIGGLPKGR	59	
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NTDB id 33101 SULAZ RS00795 WP 012674242.1MTEEKDL	EAKKKALESAILQIEKRY	KGKSLMTLSSE.GVKSVEVIPS	GISLDIATGIGGIPKGR	64	
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK.....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGGER.ANQKVS	VVSSGSLALDI	ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGGER.AEQKVQVM	SSGSLALDI	ALGSGGYPKGR	73
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NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK.....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGGER.AEQKVQVM	SSGSLALDI	ALGSGGYPKGR	73
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NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK.....PKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGGER.AEQKVQVM	SSGSLALDI	ALGSGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR.....IKKTEEITKKFG	DERKKALDDALKNIEKD	FGKGAVMRLGGER.AEQKVQVM	SSGSLALDI	ALGAGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK.....LKKNEEITKKFG	DERRKALDDALKNIEKD	FGKGAVMRLGGER.AEQKVQVM	SSGSLALDI	ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALK	QIEKQFGKGSIMKLGK	.TDTRISTVPSGSLALD	TALGIGGYPKGR	58
NTDB id 625 LCA RS02525 WP 011374196.1MAKDERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVSTVSSGSLALDE	ALGVGGYPKGR	60	
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NTDB id 1313 DR RS12030 WP 010888966.1
 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 1205 PSJM300 05545 AFN77183.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
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 NTDB id 600 KW2 RS01765 WP 011675413.1
 NTDB id 269 KZH43 RS08665 WP 001085462.1
 NTDB id 228 SPD RS09265 WP 001085462.1
 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 408 SMU RS09530 WP 002262392.1
 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 115 BSU 16940 NP 389576.2
 NTDB id 625 LCA RS02525 WP 011374196.1
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NTDB id 1313 DR RS12030 WP 010888966.1	363
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
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NTDB id 1130 NGFG RS03960 WP 003688695.1	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	348
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NTDB id 1427 RS RS02760 WP 011000510.1	352
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	354
NTDB id 1205 PSJM300 05545 AFN77183.1	347
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....	349
NTDB id 33101 SULAZ RS00795 WP 012674242.1	.....	340
NTDB id 600 KW2 RS01765 WP 011675413.1	D.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DELEIEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	DELEIEIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	DELEIEIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	DELEIEIEE	388
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DELEIEIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	DELEIEIEE	384
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NTDB id 453 Spy49 1753c ACI62003.1	NGIEIED..	378
NTDB id 115 BSU 16940 NP 389576.2	348
NTDB id 625 LCA RS02525 WP 011374196.1	.....	355

consensus

- X non conserved
- X similar
- X ≥ 50% conserved