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|---|--|---------------------|---------------|--------|
| NTDB id 600 KW2 RS01765 WP 011675413.1 | MATKK....KTNFDDITKKYGAERDKALADALALIEKDFGKGSIMRLGER.A.NQKVS | VSSGSLALDI | ALGAGGYPKGR | 74 |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | .MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 228 SPD RS09265 WP 001085462.1 | .MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 194 SPR RS08825 WP 001085462.1 | .MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 159 SP RS09750 WP 001085462.1 | .MAKK....PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | .MAKK....PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | .MAKK....PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDI | ALGSGGYPKGR | 73 | |
| NTDB id 453 Spy49 1753c ACI62003.1 | .MAKK....LKKNEEITKKFGERDKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDI | ALGAGGYPKGR | 73 | |
| NTDB id 408 SMU RS09530 WP 002262392.1 | .MAKR....IKKTEEITKKFGERDKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDI | ALGAGGYPKGR | 73 | |
| NTDB id 115 BSU 16940 NP 389576.2 |MSDRQAALDMALKQIEKQFGKGSIMKLGK.E.TDTRISTVPSGSLALDI | TALGIGGYPRGR | 58 | |
| NTDB id 625 LCA RS02525 WP 011374196.1 |MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPRGR | 60 | | |
| NTDB id 1313 DR RS12030 WP 010888966.1 |MSKDATKEISAPTDAKERSKATETAMSIKQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDL | ALGVGGIPRGR | 72 | |
| NTDB id 1245 Cj1673c YP 002345041.1 |MDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDSIGTGSVGLDL | ALGIGGVPKGR | 59 | |
| NTDB id 667623 MPG61 RS06485 WP 075668471.1 |MAIDEDKQKAIISLAIKQIDKVFVGKALVRLGDK.QVEKIDSISTGSLGLDL | ALGIGGVPKGR | 61 | |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 |MAIDEDKQKAIISLAIKQIDKVFVGKALVRLGDK.QVEKIDSISTGSLGLDL | ALGIGGVPKGR | 61 | |
| NTDB id 1211 C694 RS00795 WP 000963128.1 |MAIDEDKQKAIISLAIKQIDKVFVGKALVRLGDK.QVEKIDSISTGSLGLDL | ALGIGGVPKGR | 61 | |
| NTDB id 1334 RAOC RS04870 WP 004918236.1 |MAKT..ETTSPNDDKKKALAAVLEKLDKTYGKGTVMKLGDTVDHNIIEVIPS | SGSLGLDLALGVGGYPKGR | 68 | |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | .MAENKSSKNNTV..VKQVEPEQKKQALEAALAIKQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDL | ALGIGGLPMGR | 76 | |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 |MSDDKSKALAAALAIKQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDL | ALGVGGLPRGR | 60 | |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 |MSDDKSKALAAALAIKQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDL | ALGVGGLPRGR | 60 | |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 |MSDDKSKALAAALAIKQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDL | ALGVGGLPRGR | 60 | |
| NTDB id 1427 RS RS02760 WP 011000510.1 | .MEDG.....K..KAASMSAEKQKALAAALAIKQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLD | VALGVGGLPRGR | 68 | |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 |MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDI | ALGAGGLPMGR | 59 | |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1 |MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDI | ALGAGGLPMGR | 59 | |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 |MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDI | ALGIGGLPKGR | 59 | |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 |MDDNKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDI | ALGIGGLPKGR | 59 | |
| NTDB id 1205 PSJM300 05545 AFN77183.1 |MDENKRRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSI | STGSLGLDI | ALGIGGLPKGR | 59 |
| consensus | *** ** * | ***! *!***** | * ****!****!! | !! *!* |

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| NTDB id 1022 ACIAD RS06390 WP 004925639.1 | ... | 349 |
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