

logo



| | | | | | | | | | | |
|---|-------------------------|---------------------------|--------------------|--------------------|------------------------|---------------|-------------|-------------|-------------|----|
| NTDB id 600 KW2 RS01765 WP 011675413.1 | MATK.....KKTNFDDITKKYGA | ERDKALADALALIEKD | FGKGSIMRLGEA | .ANQKVS | VSSGSLALDI | I | ALGAGGYPKGR | 74 | | |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | .MAK.....KPKKLEEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 228 SPD RS09265 WP 001085462.1 | .MAK.....KPKKLEEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 194 SPR RS08825 WP 001085462.1 | .MAK.....KPKKLEEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 159 SP RS09750 WP 001085462.1 | .MAK.....KPKKLEEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | .MAK.....KPKKLDEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | .MAK.....KPKKLDEISKKFGA | EREKALNDALKLIEKD | FGKGSIMRLGER | .AEQKVQVMSSGSLALDI | I | ALGSGGYPKGR | 73 | | | |
| NTDB id 453 Spy49 1753c ACI62003.1 | .MAK.....KLKKNEEITKKFGD | ERRKALDDALKNIEKD | FGKGAVMRLGER | .AEQKVQVMSSGSLALDI | I | ALGAGGYPKGR | 73 | | | |
| NTDB id 408 SMU RS09530 WP 002262392.1 | .MAK.....RIKKTEEITKKFGD | ERRKALDDALKNIEKD | FGKGAVMRLGER | .AEQKVQVMSSGSLALDI | I | ALGAGGYPKGR | 73 | | | |
| NTDB id 115 BSU 16940 NP 389576.2 |MSDRQAALDMALKQ | IEKQFGKGSIMKLG | EK.TDTR | ISTVPSGSLALDI | I | ALGIGGYPRGR | 58 | | | |
| NTDB id 625 LCA RS02525 WP 011374196.1 |MAKDERQAALDAALKK | IEKNFGKGSIMRMGEK | .VDTQVSTVSSGSLALDE | ALGVGGYPRGR | 60 | | | | | |
| NTDB id 1313 DR RS12030 WP 010888966.1 |MSKDATKEISAPTD | AKERSKATETAM | SQIEKAFGKGSIMKLGAE | .SKLDVQVVSTGSLSLDL | I | ALGVGGIPRGR | 72 | | | |
| NTDB id 1245 Cj1673c YP 002345041.1 |MDDNKRKSLDAALKS | LDKTFGKGTILRLGDK | .EVEQIDSIGTGSVGLDL | I | ALGIGGVPKGR | 59 | | | | |
| NTDB id 1211 C694 RS00795 WP 000963128.1 |MAIDEDKQKATISLAIKQ | IDKVF | FGKGA | LVR | LDGK.QVEKIDSISTGSLGLDL | I | ALGIGGVPKGR | 61 | | |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 |MAIDEDKQKATISLAIKQ | IDKVF | FGKGA | LVR | LDGK.QVEKIDSISTGSLGLDL | I | ALGIGGVPKGR | 61 | | |
| NTDB id 1334 RAOC RS04870 WP 004918236.1 |MAK..TETTSPND | DKKALA | AAVLEKLDKT | YGKGTVMKLG | DGTVDHNI | IEV | IPSGSLGLDL | I | ALGVGGYPKGR | 68 |
| NTDB id 237515 MYMAC RS07250 WP 095957542.1 |MSKLA | EKLKAVAAAVAS | IEKQFGRG | SVMTLGG | EAREQKVAVIPTGSVGVDR | I | ALGVGGYPRGR | 62 | | |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | .MAENKKS | SKNNT.VVKQVEPEQ | KKQALEA | ALAQIEKQFGKGSIMKLG | QT.EQLD | TESVSTGSLGLDL | I | ALGIGGLPMGR | 76 | |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 |MSDDKSKALAAALAQ | IEKSFGKGA | AIMKMDGSQ | QEE | NLEVISTGSLGLDL | I | ALGVGGLPRGR | 60 | | |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 |MSDDKSKALAAALAQ | IEKSFGKGA | AIMKMDGSQ | QEE | NLEVISTGSLGLDL | I | ALGVGGLPRGR | 60 | | |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 |MSDDKSKALAAALAQ | IEKSFGKGA | AIMKMDGSQ | QEE | NLEVISTGSLGLDL | I | ALGVGGLPRGR | 60 | | |
| NTDB id 1427 RS RS02760 WP 011000510.1 | .MEDG.....KKAASMSA | EKQKALAAALAQ | IEKQFGKGSIMKMGDA | .EVEPVQVVSTGSLGLD | I | ALGVGGLPRGR | 68 | | | |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 |MDENKQKALAAALGQ | IEKQFGKGSIMRLGDN | .RAMDVETISTGSLSLDI | I | ALGAGGLPMGR | 59 | | | | |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1 |MDENKQKALAAALGQ | IEKQFGKGSIMRLGDN | .RAMDVETISTGSLSLDI | I | ALGAGGLPMGR | 59 | | | | |
| NTDB id 1205 PSJM300 05545 AFN77183.1 |MDENKKRALAAALGQ | IEKQFGKGA | VMRMDH.DRQA | IP | SISTGSLGLDI | I | ALGIGGLPKGR | 59 | | |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 |MDDNKS | KALQAALSQIEKQFGKNTVMRLGDN | .TVQAVEAVSTGSLTLDI | I | ALGIGGLPKGR | 59 | | | | |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 |MDENKS | KALQAALSQIEKQFGKNTVMRLGDN | .TVQAVEAVSTGSLTLDI | I | ALGIGGLPKGR | 59 | | | | |
| consensus | | ** ** | ** | **! | ***** | * | ***!****!! | !! | ***! | |

logo

| | ELEIEIEE | |
|---|----------|-----|
| NTDB id 600 KW2 RS01765 WP 011675413.1 | ..... | 387 |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | ELEIEIEE | 388 |
| NTDB id 228 SPD RS09265 WP 001085462.1 | ELEIEIEE | 388 |
| NTDB id 194 SPR RS08825 WP 001085462.1 | ELEIEIEE | 388 |
| NTDB id 159 SP RS09750 WP 001085462.1 | ELEIEIEE | 388 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | ELEIEIEE | 384 |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | ELEIEIEE | 384 |
| NTDB id 453 Spy49 1753c ACI62003.1 | GIEIED.. | 378 |
| NTDB id 408 SMU RS09530 WP 002262392.1 | TIELED.. | 383 |
| NTDB id 115 BSU 16940 NP 389576.2 | ..... | 348 |
| NTDB id 625 LCA RS02525 WP 011374196.1 | ..... | 355 |
| NTDB id 1313 DR RS12030 WP 010888966.1 | ..... | 363 |
| NTDB id 1245 Cj1673c YP 002345041.1 | ..... | 343 |
| NTDB id 1211 C694 RS00795 WP 000963128.1 | ..... | 347 |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 | ..... | 347 |
| NTDB id 1334 RAOC RS04870 WP 004918236.1 | ..... | 343 |
| NTDB id 237515 MYMAC RS07250 WP 095957542.1 | ..... | 341 |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | ..... | 372 |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 | ..... | 348 |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 | ..... | 348 |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 | ..... | 348 |
| 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 1205 PSJM300 05545 AFN77183.1 | ..... | 347 |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 | ..... | 349 |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 | ..... | 349 |

consensus

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