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| NTDB id 600 KW2 RS01765 WP 011675413.1 | SVRLDVRGSTKIEEGS.GDNKTKI | GKIKTKVVK | NKVAPPFKVALVDIMF | GEGISSTGELLNIA | VEEGTIKKS | SGAWFAYN | 312 | | | | | | |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 228 SPD RS09265 WP 001085462.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 194 SPR RS08825 WP 001085462.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 159 SP RS09750 WP 001085462.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | SVRLDVRGNTQIKGTG.DQKE | TNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISKT | GELLKIASDLD | IIKKA | GAWYSYK | 311 | | | | | |
| NTDB id 408 SMU RS09530 WP 002262392.1 | SVRLDVRGNTQIKGTG.EQK | DSNMGKETKIKVV | KNKVAPPFKEA | VVEIMYGEGISRT | GELVKIASDL | GIIQK | GAWYSYN | 311 | | | | | |
| NTDB id 1127884 FGL21 RS10780 WP 003058758.1 | SVRLDVRGTTQIKGTG.DQK | DSNMGKETKIKVV | KNKVAPPFKVA | EVEIMYGEGISRT | GELVKIASDL | DIIQK | GAWFSYN | 311 | | | | | |
| NTDB id 453 Spy49 1753c ACI62003.1 | SVRLDVRGTTQIKGTG.DQK | DSNMGKETKIKVV | KNKVAPPFKVA | EVEIMYGEGISRT | GELVKIASDL | DIIQK | GAWFSYN | 311 | | | | | |
| NTDB id 625 LCA RS02525 WP 011374196.1 | TVRLEVRRAETIKNGT.... | DMIGNRARIKVV | KNKVAPPFKVA | EVDIMYGGISRT | GELVDMAVE | KDIIN | KSWSYSY | 294 | | | | | |
| NTDB id 115 BSU 16940 NP 389576.2 | SVRLEVRRAEQLKQGN.... | DVMGNKTKIKVV | KNKVAPPFKVA | EVDIMYGEGISKE | GETIDLGL | TELDI | VQKSGWSYSY | 292 | | | | | |
| NTDB id 1313 DR RS12030 WP 010888966.1 | SVRLDVRKIGQ....PTK | VGNDAVANTV | KIKTVKNKVA | APPFKEVELALV | YCGKGF | DQLSD | LVGLAADMDI | IKKACSFYSY | 307 | | | | |
| NTDB id 1245 Cj1673c YP 002345041.1 | SVRLDVRKIVAT...L.K | QNEEPIGNRV | KIKVVKNKVAPP | FRQA | EFDVMEF | GEGLSRE | GELIDYGV | KLDIVDKSGAWFSYK | 294 | | | | |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 | SVRIDIRRIAA...L.K | QNEQHIGNRA | KIKVVKNKVAPP | FRQA | EFDIMF | GEGISKE | GETIDYGV | KLDIVDKSGAWLSYQ | 296 | | | | |
| NTDB id 1211 C694 RS00795 WP 000963128.1 | SVRIDIRRIAS...L.K | QNEQHIGNRA | KIKVVKNKVAPP | FRQA | EFDIMF | GEGISKE | GETIDYGV | KLDIVDKSGAWLSYQ | 296 | | | | |
| NTDB id 1334 RA0C RS04870 WP 004918236.1 | SVRIDIRRSLSDTGKIK | DKSGEVLGNRT | KIKVVKNKVAPP | FRQA | EFDIMY | GEGISVSK | VGEILDV | ATDLDIQKSGWFSYQ | 307 | | | | |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | SVRLDIRRCGV...V.K | GDDEIIGSET | KIKVVKNKVAPP | FRQ | EVDIMY | GEGISRM | NELLILA | EANGFIKKS | SGAWFSYD | 310 | | | |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 | SVRLDIRRTGS...I.K | KGEVLCNET | RVKVTKNKVAPP | FRQA | EFDILY | GEGISWE | GELIDIG | VKNDIIN | KS | GAWYSYN | 294 | | |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 | SVRLDIRRTGS...I.K | KGEVLCNET | RVKVTKNKVAPP | FRQA | EFDILY | GEGISWE | GELIDIG | VKNDIIN | KS | GAWYSYN | 294 | | |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 | SVRLDIRRTGS...I.K | KGEVLCNET | RVKVTKNKVAPP | FRQA | EFDILY | GEGISWE | GELIDIG | VKNDIIN | KS | GAWYSYN | 294 | | |
| NTDB id 1427 RS RS02760 WP 011000510.1 | SVRLDIRRIGS...I.K | KGEVLCNET | RVKVTKNKVAPP | FRQA | EFDILY | GACVSR | EGETIDL | GV | EAKVVE | KS | GAWYSYN | 302 | |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 | SVRLDIRRTGA...I.K | EGEVVGNET | RIVKVNKTA | APPKEANTQ | IMYCG | GFNR | EGETIDL | GV | VKHKMVE | KS | GAWYSYN | 293 | |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1 | SVRLDIRRTGA...I.K | EGEVVGNET | RIVKVNKTA | APPKEANTQ | IMYCG | GFNR | EGETIDL | GV | VKHKMVE | KS | GAWYSYN | 293 | |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 | SVRLDIRRIGQ...V.K | EGDEIIGSET | KIKVVKNKMAPP | FRQA | EFDILY | GKGVN | QLGEL | VDLAV | QQNIV | QK | GAWYSYQ | 293 | |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 | SVRLDIRRIGQ...V.K | EGDEIIGSET | KIKVVKNKMAPP | FRQA | EFDILY | GKGVN | QLGEL | VDLAV | QQNIV | QK | GAWYSYQ | 293 | |
| NTDB id 1205 PSJM300 05545 AFN77183.1 | SVRLDIRRTGA...V.K | EGDEVVGS | ETRVKVVKNKVAPP | FRQA | EFDILY | GKGIY | ENGEL | IDL | GV | QQLV | VEKS | GAWAYAYK | 293 |
| consensus | *!!**!*! | * | ** | *****!***!!*!!*!!*! | * | *****!*!*** | ***** | * | *** | ! | !**** | ! | |

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