

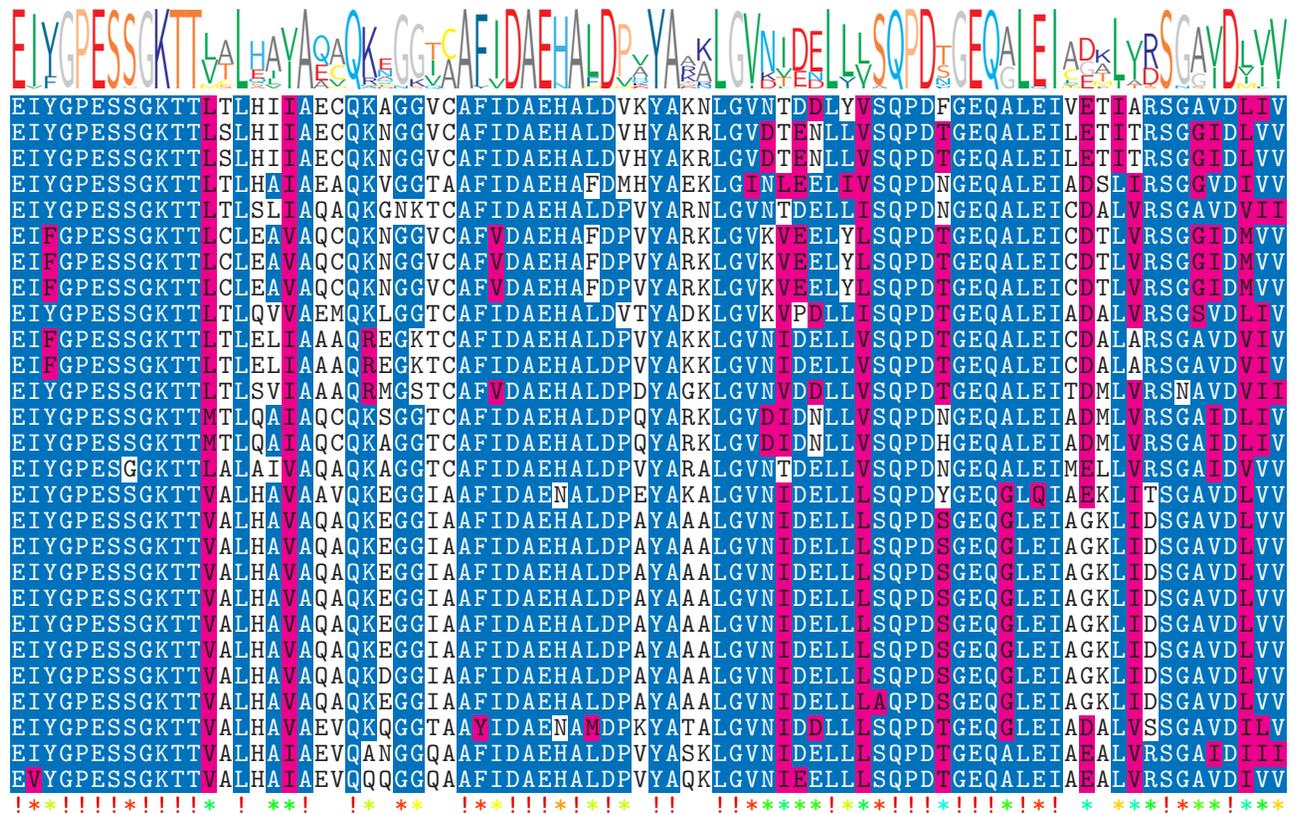
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|---|-----------------|--------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|----|
| NTDB id 1245 Cj1673c YP 002345041.1 |MD | DNKRKSLDAALKSLDKT | FGKGTILRLGDK | .EVEQ | IDSIGTGSVGLDL | ALGIGGV | PKGRIT | 61 | | | |
| NTDB id 1211 C694 RS00795 WP 000963128.1 |MAID | EDKQKATISLAIKQIDKV | FGKGAIVRLGDK | .QVEK | IDAISTGSLGLDL | ALGIGGV | PKGRIT | 63 | | | |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 |MAID | EDKQKATISLAIKQIDKV | FGKGAIVRLGDK | .QVEK | IDAISTGSLGLDL | ALGIGGV | PKGRIT | 63 | | | |
| NTDB id 1334 RAOC RS04870 WP 004918236.1 |MAKTETTSPN | DDKKKALAAVLEKLDKT | YGKGTVMKLGDTVDHN | .IEV | IPSGSLGLDL | ALGVGGY | PKGRIV | 70 | | | |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | .MAENKKS | SKNNTVVKQVEP | EQQKQALEAALAQIEKQ | FGKGSIMKLGQT | .EQLD | IESVSTGSLGLDL | ALGIGGLPMGRIV | 78 | | | |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 |MS | DDKSKALAAALAQIEKS | FGKGAIMKMDGSQ | QEEEN | LEVISTGSLGLDL | ALGVGGL | PRGRIV | 62 | | | |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 |MS | DDKSKALAAALAQIEKS | FGKGAIMKMDGSQ | QEEEN | LEVISTGSLGLDL | ALGVGGL | PRGRIV | 62 | | | |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 |MS | DDKSKALAAALAQIEKS | FGKGAIMKMDGSQ | QEEEN | LEVISTGSLGLDL | ALGVGGL | PRGRIV | 62 | | | |
| NTDB id 1427 RS RS02760 WP 011000510.1 | .MEDG..... | KKAASMSAEKQKALAAALAQIEKQ | FGKGSIMKMGDA | .EVEP | VQVSTGSLGLD | ALGVGGL | PRGRVV | 70 | | | |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 |MD | ENKQKALAAALGQIEKQ | FGKGSIMRLGDN | .RAMD | VETISTGSLSLD | I | ALGAGGLPMGRIV | 61 | | | |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1 |MD | ENKQKALAAALGQIEKQ | FGKGSIMRLGDN | .RAMD | VETISTGSLSLD | I | ALGAGGLPMGRIV | 61 | | | |
| NTDB id 1205 PSJM300 05545 AFN77183.1 |MD | ENKRRALAAALGQIEKQ | FGKGAIVMRMGD | .DRQA | IPSI | ISTGSLGLD | I | ALGIGGLPKGRIV | 61 | | |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 |MD | ENKSKALQAALSQIEKQ | FGKNTVMRLGDN | .TVQA | VEAVSTGSLTLD | I | ALGIGGLPKGRIT | 61 | | | |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 |MD | DNKSKALQAALSQIEKQ | FGKNTVMRLGDN | .TVQA | VEAVSTGSLTLD | I | ALGIGGLPKGRIV | 61 | | | |
| NTDB id 1313 DR RS12030 WP 010888966.1 | .MSKD...AT | .KEISAP | TDAKERSKAT | ETAM | SQIEKA | FGKGSIMKLGAE | .SKLDVQV | VSTGSLSLDL | ALGVGGIPRGRIT | 74 | |
| NTDB id 600 KW2 RS01765 WP 011675413.1 | MATKK...KTN | FDDITK | KYGAERDK | KALADALALIEKD | FGKGSIMRLGEA | .ANQK | VSVVSSGSLALD | I | ALGAGGYPKGRIV | 76 | |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | .MAKK...PKK | LEEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 228 SPD RS09265 WP 001085462.1 | .MAKK...PKK | LEEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 194 SPR RS08825 WP 001085462.1 | .MAKK...PKK | LEEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 159 SP RS09750 WP 001085462.1 | .MAKK...PKK | LEEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | .MAKK...PKK | LDEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | .MAKK...PKK | LDEISKKFGA | EREKALND | ALKLIEKD | FGKGSIMRLGER | .AEQK | VQVMSSGSLALD | I | ALGSGGYPKGRIT | 75 | |
| NTDB id 408 SMU RS09530 WP 002262392.1 | .MAKR...IKK | TEEITKKFG | DERK | KALDDALKNIEKD | FGKGAIVMR | LGER | .AEQK | VQVMSSGSLALD | I | ALGAGGYPKGRIV | 75 |
| NTDB id 453 Spy49 1753c ACI62003.1 | .MAKK...LKK | NEEITKKFG | DERR | KALDDALKNIEKD | FGKGAIVMR | LGER | .AEQK | VQVMSSGSLALD | I | ALGAGGYPKGRIT | 75 |
| NTDB id 625 LCA RS02525 WP 011374196.1 |MAK | DERQAALDAALKKIEKN | FGKGSIMRMGEK | .VDTQ | VSTVSSGSLALD | EALGVGGY | PRGRIV | 62 | | | |
| NTDB id 174388 ATY39 RS03325 WP 066785806.1 |M | DERKAALDMALKQIEKQ | FGKGSVMKLG | EQ | .ADRK | VSTSTGSLALD | TALGVGGY | PRGRIV | 60 | | |
| NTDB id 115 BSU 16940 NP 389576.2 |MS | DRQAALDMALKQIEKQ | FGKGSIMKLGEK | .TDTR | ISTVPSGSLALD | TALGIGGY | PRGRIT | 60 | | | |
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NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
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 NTDB id 194 SPR RS08825 WP 001085462.1
 NTDB id 159 SP RS09750 WP 001085462.1
 NTDB id 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
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 NTDB id 453 Spy49 1753c ACI62003.1
 NTDB id 625 LCA RS02525 WP 011374196.1
 NTDB id 174388 ATY39 RS03325 WP 066785806.1
 NTDB id 115 BSU 16940 NP 389576.2



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| 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 |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 | . | 348 |
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| NTDB id 1022 ACIAD RS06390 WP 004925639.1 | . | 349 |
| 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 |
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| NTDB id 625 LCA RS02525 WP 011374196.1 | . | 355 |
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| NTDB id 115 BSU 16940 NP 389576.2 | . | 348 |

consensus

non conserved
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 ≥ 50% conserved