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| NTDB id 600 KW2 RS01765 WP 011675413.1 | DEKIGGQAEKAKNYLKEHQDVFEIDHKVRAAHCLDDSEVAETEETTASKTKAKAKKEEKAVETEEIELELED | 387 |
| NTDB id 269 KZH43 RS08665 WP 001085462.1 | DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE PKKEEA . . VNEEVPLDLGDELEIE | 385 |
| NTDB id 228 SPD RS09265 WP 001085462.1 | DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE PKKEEA . . VNEEVPLDLGDELEIE | 385 |
| NTDB id 194 SPR RS08825 WP 001085462.1 | DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE PKKEEA . . VNEEVPLDLGDELEIE | 385 |
| NTDB id 159 SP RS09750 WP 001085462.1 | DEKIGGQSENAKKYLAEHPEIFDEIDKQVRSKFCIDGEEVSEQDTENKKDE PKKEEA . . VNEEVPLDLGDELEIE | 385 |
| NTDB id 499 SM12261 RS08315 WP 078228268.1 | DEKIGGQSENAKKYLADNPEIFDEIDHQVVRVQFCIDGEEIAES KKDE AAQVDS . . VNEEVTLDLGDELEIE | 381 |
| NTDB id 527 SMSK321 RS11065 WP 001085454.1 | DEKIGGQSENAKKYLADNPEVFAEIDHQVVRVQFCIDGEEAAES KKDE VAQVDS . . VNEEVTLDLGDELEIE | 381 |
| NTDB id 453 Spy49 1753c ACI62003.1 | GEKIGGQSENAKRYLADHPQLFDEIDRKVRVKFCILEESEESAMAVASE E TDDLALDLNGIEIE | 377 |
| NTDB id 408 SMU RS09530 WP 002262392.1 | GEKIGGQSENAKKFLADNPEIFDDIDHKVVRVQYCIIEEDNTEEKQSSKEK ETDEK . . ADKNLVLELDDTIELE | 382 |
| NTDB id 625 LCA RS02525 WP 011374196.1 | SERIGGQRENAKNYLADHEDVEDEVRLKVRVRAAYCISDVPEEDLPTTEDEQINILPDDSTEE | 355 |
| NTDB id 1136149 DQL75 RS06820 WP 000368166.1 | GERMGQCKENVKMYLKENPQIKKEIDRKLRKLCISDGDVEETEDA PKSLFDEE | 347 |
| NTDB id 115 BSU 16940 NP 389576.2 | EERIGGQRENAKQFLKENKDIMLMIQEQTREHYCIDNNGVVQQAEETQEELEFEE | 348 |
| NTDB id 1313 DR RS12030 WP 010888966.1 | DERIGGQKEKTIAIYIAERPMEQEIRDRVMAATRAGNAGEAPALAPAPAAPEAAAA | 363 |
| NTDB id 1245 Cj1673c YP 002345041.1 | DKKIGGQRENSKAEIKENPEIADKALQNSMCIIEGMI SGSEDD . . EGEE | 343 |
| NTDB id 1211 C694 RS00795 WP 000963128.1 | DKKIGGQRENAKALLKEDKALADEITLKIRESICSNEEI MPLPDE . . PLEEME | 347 |
| NTDB id 1214 NCTC11637 00359 SQJ03206.1 | DKKIGGQRENAKALLKEDKALADEITLKIRESICSNEEI MPLPDE . . PLEEME | 347 |
| NTDB id 1334 RAOC RS04870 WP 004918236.1 | DTKIGGQRDITVKELTKDNPEIAEELAKIREKLQAK | 343 |
| NTDB id 1389 A4U84 RS07560 WP 021112712.1 | GTKIGGQKNNAVVKWLKENPEIADKLEQEIIRNTLASNPNS VLKATASDSNDESD . . VEEFSEEL | 372 |
| NTDB id 1130 NGFG RS03960 WP 003688695.1 | GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNCVEMHI TEGTQDETDGER PEE | 348 |
| NTDB id 1124 NGFG RS03960 WP 003688695.1 | GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNCVEMHI TEGTQDETDGER PEE | 348 |
| NTDB id 1123 OK783 RS03845 WP 003688695.1 | GAKIGGQKDNVRVWLKENPEISDEIDAKIRALNCVEMHI TEGTQDETDGER PEE | 348 |
| NTDB id 1427 RS RS02760 WP 011000510.1 | GERIGGQRDNCREFLRENAEIAREIENKVRHLGVTPMG AVTLA . . EEVEED | 352 |
| NTDB id 1165 A1552VC RS01565 WP 000344154.1 | GDKIGGQKANACKYLLKENPEIAKTLDDKKLREMLLPENM QLIAETSSAADDVE . . FGAVPEEF | 354 |
| NTDB id 1142 GTF74 RS11550 WP 000344154.1 | GDKIGGQKANACKYLLKENPEIAKTLDDKKLREMLLPENM QLIAETSSAADDVE . . FGAVPEEF | 354 |
| NTDB id 1022 ACIAD RS06390 WP 004925639.1 | GNKIGGQKNNVIRYLEENPCISTEIEAVIREQLLTKASD QTAA . . HDETEEPD . . LL . . ES | 349 |
| NTDB id 1074 ABD1 RS10195 WP 000344167.1 | GNKIGGQKNNVIRYFEENPCIAEIEIRNIREQLLTTGTN GAVQ . . I . . EDEEEDPD . . LL . . LES | 349 |
| NTDB id 1205 PSJM300 05545 AFN77183.1 | GSKIGGQKANAAKYLLKENPEIQQEIEQQIRAKLLVTSAN TKATPVAEDLADAD . . I | 347 |
| consensus | **!!!** ** ** ** ** | |

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consensus
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 non conserved
 similar
 ≥ 50% conserved