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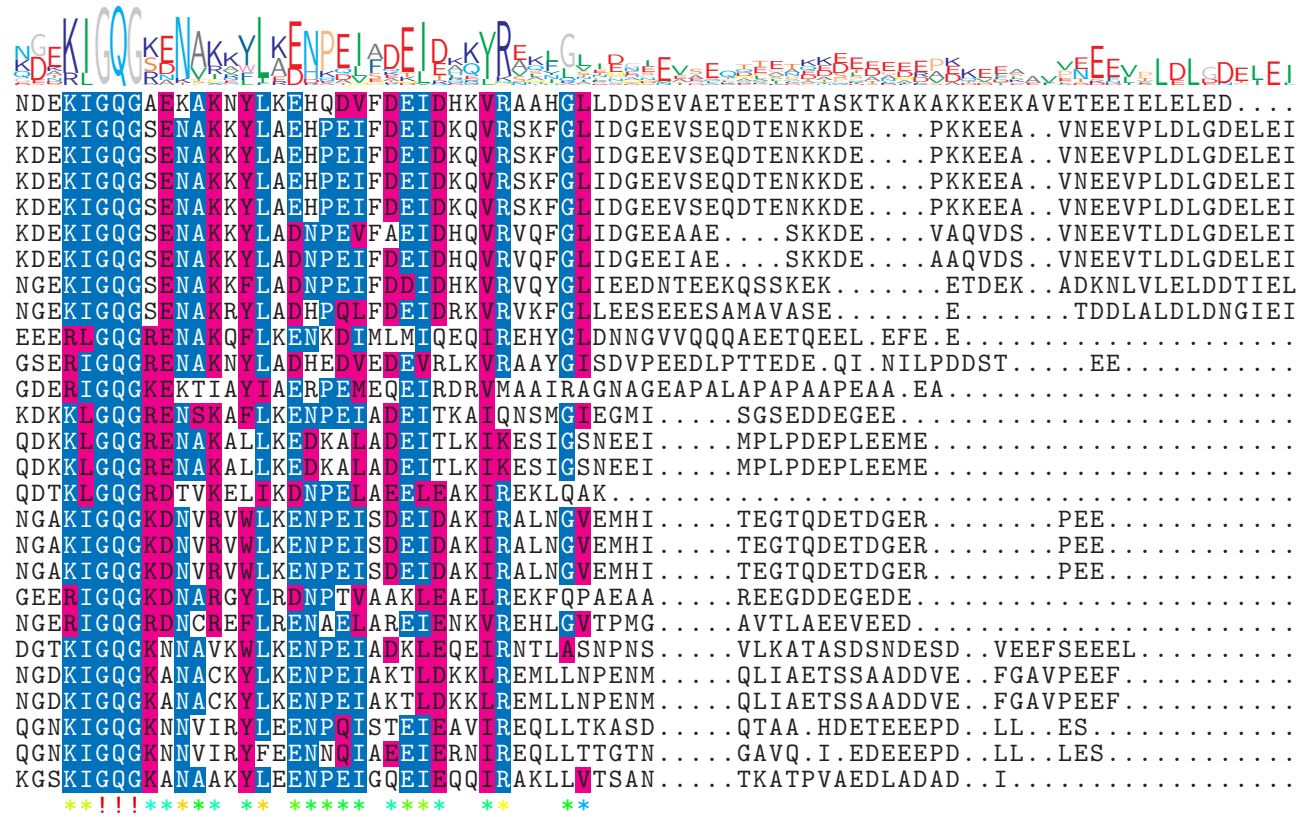


NTDB id 600 KW2 RS01765 WP 011675413.1	ASVRLDVRGSTKIEEGS.GDNKTI	IGKI	TKIKVVKNKVAPPFKVALVDIMF	GEGISSTGELINIAVEEGI	TKKSGAWFAY	311				
NTDB id 269 KZH43 RS08665 WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVE	IMYGEGISKTGELLKIASDLDI	TKKAGAWYSY		310				
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NTDB id 194 SPR RS08825 WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVE	IMYGEGISKTGELLKIASDLDI	TKKAGAWYSY		310				
NTDB id 159 SP RS09750 WP 001085462.1	ASVRLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPFKEAVVE	IMYGEGISKTGELLKIASDLDI	TKKAGAWYSY		310				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	ASVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVE	IMYGEGISKTGELLKIASDLDI	TKKAGAWYSY		310				
NTDB id 499 SM12261 RS08315 WP 028228268.1	ASVRLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPFKEAFVE	IMYGEGISKTGELLKIASDLDI	TKKAGAWYSY		310				
NTDB id 408 SMU RS09530 WP 002262392.1	SSVRLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPFKEAFVE	IITYGEGISRTGELVKIASDLGI	IQQKAGAWYSY		310				
NTDB id 453 Spy49 1753c ACI62003.1	ASVRLDVRGTTQIKGTG.DQKSS	IGKETKIKVVKNKVAPPFKVAEVE	IMYGEGISRTGELVKIASDLDI	IQQKAGAWFSY		310				
NTDB id 115 BSU 16940 NP 389576.2	SSVRLVRRAEQLKQGN.....	DVMGNKTKIKVVKNKVAPPFR	TAEVDIMYGEGISKEGETID	LDGTELDIVQKSGSWYSY		291				
NTDB id 625 LCA RS02525 WP 011374196.1	STVRLVRRAEETIKNGT.....	DMIGNRARIKVVKNKVAPPFK	VAEVDIMYGGISRTGELVDM	AVEKDIINKSGSWYSY		293				
NTDB id 1313 DR RS12030 WP 010888966.1	ASVRLDVRKIGQ....PTKVGND	AVANTVKKIKTVKNKVAAPP	FKEVELALVYGGKGFQSLD	LVGLAADMDI	TKKAGSFYSY	306				
NTDB id 1245 Cj1673c YP 002345041.1	ASVRLDVRKIVAT....L.KQNE	EPIGNRVKVVKNKVAPPFR	QAEFDVMFGEGLSREGEL	IDYGVKLDIVDKSGAWFSY		293				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	ASVRIDIRRIAA....L.KQNE	QHIGNRAKAKVVKNKVAPPF	REAEFDMIFGEGISKEGETI	IDYGVKLDIVDKSGAWLSY		295				
NTDB id 1211 C694 RS00795 WP 000963128.1	ASVRIDIRRIAS....L.KQNE	QHIGNRAKAKVVKNKVAPPF	REAEFDMIFGEGISKEGETI	IDYGVKLDIVDKSGAWLSY		295				
NTDB id 1334 RAOC RS04870 WP 004918236.1	ASVRIDIRRSLSDTGKIKDKS	GEVIGNRTKVVKNKVAPPFK	SAEFDIMYGEGVSKVGEIL	DVATDLDI	IQQKSGWFSY	306				
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NTDB id 1123 OK783 RS03845 WP 003688695.1	SSVRLDIRRTGS....I.KKG	EEVLGNETRVKVIKKNVAPP	FQAEFDILYGEGISWEGEL	IDIGVKNDI	INKSGAWYSY	293				
NTDB id 357662 E5790 RS01660 WP 005412937.1	ASVRLDIRRIGA....I.KKG	DEIIGNQTKIKVVKNKLAPP	FKQVITEILYGEGISREGEL	IDMGVDAKLV	EKAGAWYSY	294				
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	ASVRLDIRRCGV....V.KDG	DEIIGSETKVVKNKVAPPF	REVQFDIMYGEGISRMNELL	ILAEANGFI	KKSGAWFSY	309				
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	ASVRLDIRRTGA....I.KEG	EEVVGNETRIKVVKNKIA	APPFKEANTQIMYGGFN	REGELIDLG	VKHKMVEKSGAWYSY	292				
NTDB id 1022 ACIAD RS06390 WP 004925639.1	ASVRLDIRRIGQ....V.KEG	DEIIGSETKVVKNKMAPPF	REAIQFQILYGGKGNQL	GELVDLAVQQN	IVQKAGAWYSY	292				
NTDB id 1074 ABD1 RS10195 WP 000344167.1	ASVRLDIRRIGQ....V.KEG	DEIIGSETKVVKNKMAPPF	REAIQFQILYGGKGNQL	GELVDLAVQQ	DIVQKAGAWYSY	292				
NTDB id 1205 PSJM300 05545 AFN77183.1	ASVRLDIRRTGA....V.KEG	DEVVGS	ETRVKVVKNKVAPPFR	QAEFQILYGGKIYR	NGEIIDLG	VQQGLVEKSGAWAY	292			
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NTDB id 600 KW2 RS01765 WP 011675413.1  
 NTDB id 269 KZH43 RS08665 WP 001085462.1  
 NTDB id 228 SPD RS09265 WP 001085462.1  
 NTDB id 194 SPR RS08825 WP 001085462.1  
 NTDB id 159 SP RS09750 WP 001085462.1  
 NTDB id 527 SMSK321 RS11065 WP 001085454.1  
 NTDB id 499 SM12261 RS08315 WP 078228268.1  
 NTDB id 408 SMU RS09530 WP 002262392.1  
 NTDB id 453 Spy49 1753c ACI62003.1  
 NTDB id 115 BSU 16940 NP 389576.2  
 NTDB id 625 LCA RS02525 WP 011374196.1  
 NTDB id 1313 DR RS12030 WP 010888966.1  
 NTDB id 1245 Cj1673c YP 002345041.1  
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 NTDB id 1211 C694 RS00795 WP 000963128.1  
 NTDB id 1334 RAOC RS04870 WP 004918236.1  
 NTDB id 1130 NGFG RS03960 WP 003688695.1  
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 NTDB id 1123 OK783 RS03845 WP 003688695.1  
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consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	EIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	EIEE	388
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NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIEE	384
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIEE	384
NTDB id 408 SMU RS09530 WP 002262392.1	ED..	383
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NTDB id 115 BSU 16940 NP 389576.2	....	348
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consensus

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