

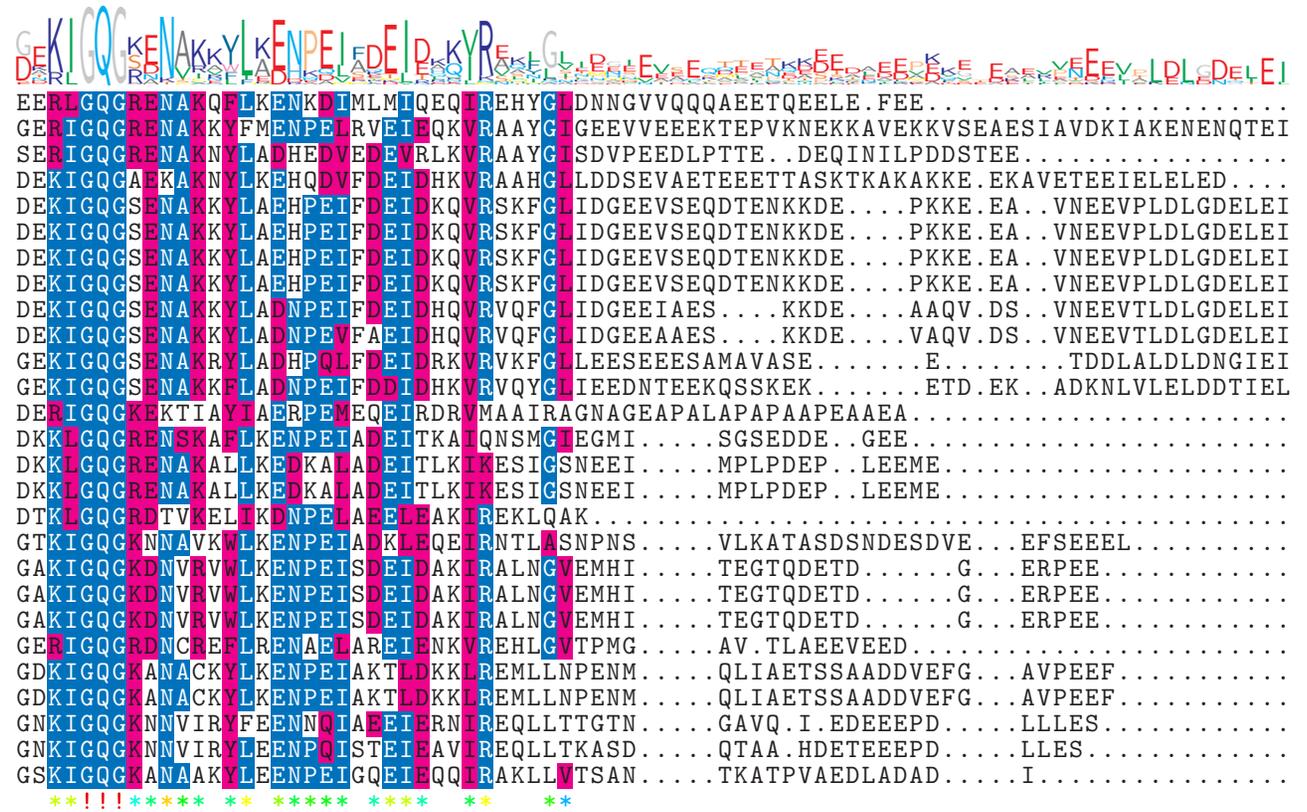
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NTDB id 115 BSU 16940 NP 389576.2MSDRQAALDMALKQIEKQFGKGSIMKLG EK .TDTRIISTVPSGSLALDITALGIGGYPKGR	58
NTDB id 54416 BN424 RS09850 WP 015076688.1	.....MADDERQAALDAALKKIEKNFGKGSVMKLG EK .IDTQVLTIPSGSLALDVALGVGGYPKGR	59
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRMG EK .VDTQVSTVSSGSLALDEALGVGGYPKGR	60
NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLG EA .ANQKVSIVSSGSLALDITALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKD FGKGSIMRLG ER .AEQKVQVMSSGSLALDITALGSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGDERRKALDDALKNIEKD FGKGAVMRLG ER .AEQKVQVMSSGSLALDITALGAGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTEEITKKFGDERKKALDDALKNIEKD FGKGAVMRLG ER .AEQKVQVMSSGSLALDITALGAGGYPKGR	73
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTDAKERSKAIETAMSGIEKAFGKGSIMKLG AE .SKLDVQVVSTGSLSLDLALGVGGIPKGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS LDKTFGKGTILRLGDK .EVEQIDSIGTGSVGLDLALGIGGVPKGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF GKGALVRLGDK .QVEKIDISTGSLGLDLALGIGGVPKGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF GKGALVRLGDK .QVEKIDAISTGSLGLDLALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPNDDKKKALAAVLEK LDKTYGKGTVMKLG DGTVDHNIIEVIPSGSLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSNNNTV..VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLG QT .EQLDIESVSTGSLGLDLALGIGGLPMGR	76
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NTDB id 1124 NGFG RS03960 WP 003688695.1MSDDKSKALAAALAQIEKSF GKGAIMKMDGSQEE NLEVISTGSLGLDLALGVGGLPKGR	60
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NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMG DA .EVEPVQVVSTGSLGLDVALGVGGLPKGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLG DN .RAMDVETISTGSLSLDITALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLG DN .RAMDVETISTGSLSLDITALGAGGLPMGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	.....MDENKSKALQAALSQIEKQFGKNTVMRLG DN .TVQAVEAVSTGSLTLDITALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDNKSALQAALSQIEKQFGKNTVMRLG DN .TVQAVEAVSTGSLTLDITALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1MDENKKBALAAALGQIEKQFGKGAVMRMGDH .DRQAIPSIISTGSLGLDITALGIGGLPKGR	59
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 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 499 SM12261 RS08315 WP 078228268.1
 NTDB id 527 SMSK321 RS11065 WP 001085454.1
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 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1334 RAOC RS04870 WP 004918236.1
 NTDB id 1389 A4U84 RS07560 WP 021112712.1
 NTDB id 1130 NGFG RS03960 WP 003688695.1
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 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 consensus



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NTDB id 54416 BN424 RS09850 WP 015076688.1	VLDLPEIDPEK			384
NTDB id 625 LCA RS02525 WP 011374196.1			355
NTDB id 600 KW2 RS01765 WP 011675413.1			387
NTDB id 269 KZH43 RS08665 WP 001085462.1	E..I.....EE			388
NTDB id 228 SPD RS09265 WP 001085462.1	E..I.....EE			388
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NTDB id 159 SP RS09750 WP 001085462.1	E..I.....EE			388
NTDB id 499 SM12261 RS08315 WP 078228268.1	E..I.....EE			384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E..I.....EE			384
NTDB id 453 Spy49 1753c ACI62003.1	E..D.....			378
NTDB id 408 SMU RS09530 WP 002262392.1	E..D.....			383
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
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NTDB id 1334 RAOC RS04870 WP 004918236.1			343
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NTDB id 1130 NGFG RS03960 WP 003688695.1			348
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consensus

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