

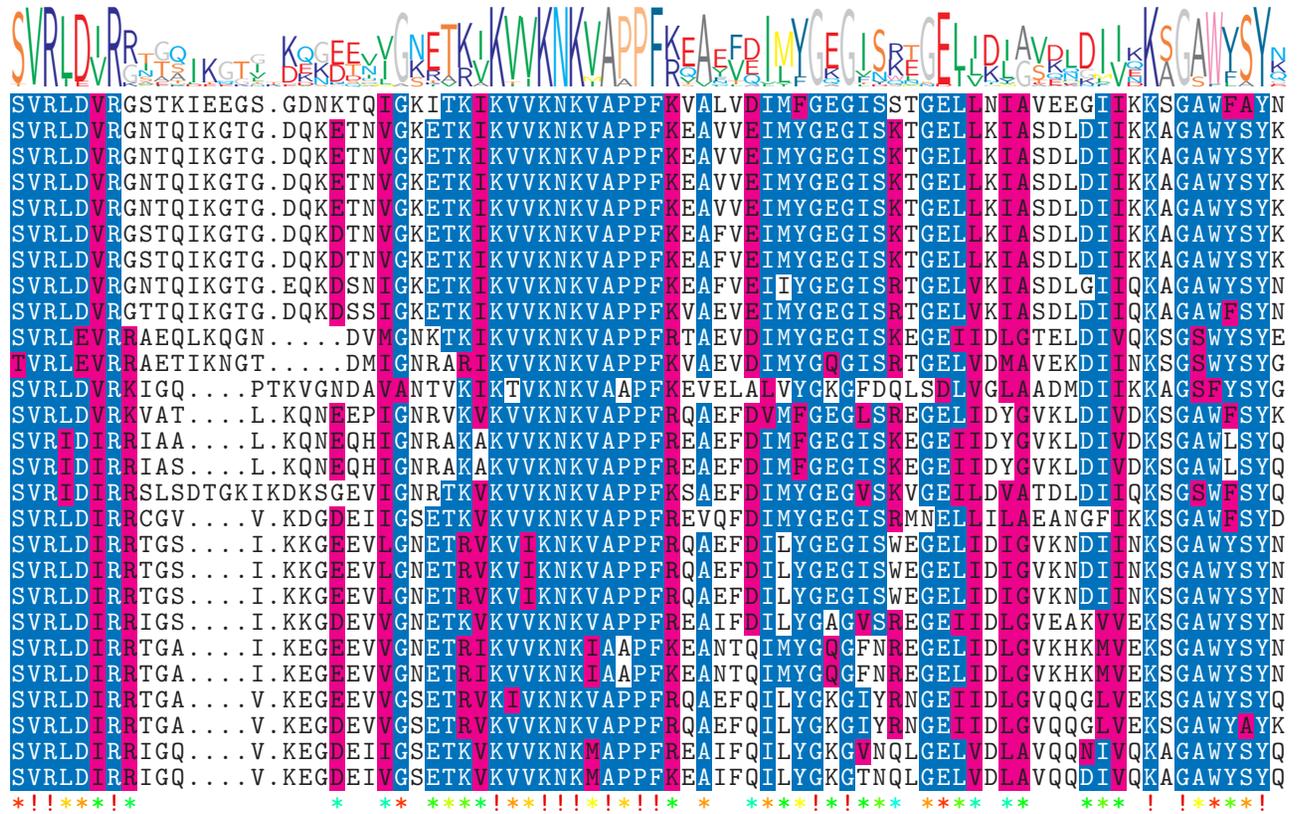
logo



NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGAERDKALADALALIEKD FGKGSIMRLGER.ANQKVS VSSGSLALDI ALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGEER EKALNDALKLIEKD FGKGSIMRLGER.AEQKVQVMSSGSLALDI ALGSGGYPKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGEER KALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALDI ALGAGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGEER R KALDDALKNIEKD FGKGAVMRLGER.AEQKVQVMSSGSLALDI ALGAGGYPKGR	73
NTDB id 115 BSU 16940 NP 389576.2	.....MSDRQAALDMALKQIEKQFGKGSIMKLG EK.TDTRISTVPSGSLALDI TALGIGGYPKGR	58
NTDB id 625 LCA RS02525 WP 011374196.1	.....MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPKGR	60
NTDB id 1313 DR RS12030 WP 010888966.1	.....MSKDATKEISAPTD AKERSKATETAMSI EKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGIPKGR	72
NTDB id 1245 Cj1673c YP 002345041.1	.....MDNKRKSLDAALKS LDKT FGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGVPKGR	59
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....MAIDEDKQKATISLAIKQIDKVF GKGA LVRLGDK.QVEKIDAISTGSLGLDLALGIGGVPKGR	61
NTDB id 1211 C694 RS00795 WP 000963128.1	.....MAIDEDKQKATISLAIKQIDKVF GKGA LVRLGDK.QVEKIDSISTGSLGLDLALGIGGVPKGR	61
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....MAKT..ETTSPNDDKKKALAAVLEK LDKT YGKGTVMKLG DGTVDHNIIEVIPSGSLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKS SKNNTV.VKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDLALGVGGLPKGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	.....MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDLALGVGGLPKGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	.....MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQEEENLEVISTGSLGLDLALGVGGLPKGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPKGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDI ALGAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	.....MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDI ALGAGGLPMGR	59
NTDB id 393646 FIU98 RS16295 WP 037053238.1	.....MDENKRRALAAALGQIEKQFGKGAVMRMGDH.ERQAIPAISTGSLGLDI ALGIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	.....MDENKRRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSI STGSLGLDI ALGIGGLPKGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	.....MDNKS KALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDI ALGIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDI ALGIGGLPKGR	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 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
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 NTDB id 1245 Cj1673c YP 002345041.1
 NTDB id 1214 NCTC11637 00359 SQJ03206.1
 NTDB id 1211 C694 RS00795 WP 000963128.1
 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 1123 OK783 RS03845 WP 003688695.1
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 NTDB id 1165 A1552VC RS01565 WP 000344154.1
 NTDB id 1142 GTF74 RS11550 WP 000344154.1
 NTDB id 393646 FIU98 RS16295 WP 037053238.1
 NTDB id 1205 PSJM300 05545 AFN77183.1
 NTDB id 1022 ACIAD RS06390 WP 004925639.1
 NTDB id 1074 ABD1 RS10195 WP 000344167.1
 consensus



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consensus



DEKIGQGA EKAKNYLKEHQDV FDEIDHKVRAAHG LLDSEVAETEEETTASKT.KAKAKKEEKAVETEEIELELED... 387
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFG LIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEI 384
 DEKIGQGS ENAKKYLAEHPEIFDEIDKQVRSKFG LIDGEEVSEQDTENKKDE...PKKEEA..VNEEVPLDLGDELEI 384
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 DEKIGQGS ENAKKYLAADNPEIFDEIDHQVVRVQFGLIDGEEIAE...SKKDE...AAQVDS..VNEEVTLDLGDELEI 380
 GEKIGQGS ENAKKFLADNPEIFDDIDHKVVRVQYGLIEEDNTEEKQSSKEK...ETDEK..ADKNLVLELDDTIEL 381
 GEKIGQGS ENAKRYLADHPQLFDEIDRKVVRVKGFLLEESEEEESAMAVASE...E...TDDLALDLNGIEI 376
 EERLGGGREN AKQFLKENKDIMLMIQE QIREHYGLDNNGVVQQAAEETQEEL..EFE.E... 348
 SERIGQGR ENAKNYLADHEDVEDEVRLKVR AAYGISDVPEEDLPTTEDE.QI..NILPDDST...EE... 355
 DERIGQGK EKTIA YTAERP EMEQEIRDRVMAAIRAGNAGEAPALAPAPAAPEAAEA... 363
 DKKLGGGREN SKAFLKENPEIAD EITKAIQNSMG IEGMISGSEDDE...GEE... 343
 DKKLGGGREN AKALLKEDKALADEITLKI KESIGSNEEIMPLPDEP...LEEM.E... 347
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 DTKLGGGRD TVKELIKDNPELA EELAKI REKLQAK... 343
 GTKIGQGN NNAVKWLKENPEIAD KLEQEI RNTLASNPNSVLKATASDSNDESDVVEEFSE...EEL... 372
 GAKIGQGN DNVVRVWLKENPEISDE IDAKIRALNG VEMHITEGT...QDET DGERPE...E... 348
 GAKIGQGN DNVVRVWLKENPEISDE IDAKIRALNG VEMHITEGT...QDET DGERPE...E... 348
 GAKIGQGN DNVVRVWLKENPEISDE IDAKIRALNG VEMHITEGT...QDET DGERPE...E... 348
 GERIGQGRD NCREFLRENAELAREI ENKVREHLG VTPMGA.VTLAAEEVEED... 352
 GDKIGQGN KANACKYLKENPEIAKTLDKKLREMLLN PENMQLIAETSSAAD DVEFGAVPE...EF... 354
 GDKIGQGN KANACKYLKENPEIAKTLDKKLREMLLN PENMQLIAETSSAAD DVEFGAVPE...EF... 354
 GNKIGQGN KANA AKYLEDNQAVAREIEGQ IREQLLV SSTPAKAT..ADDLADAEVDF... 347
 GSKIGQGN KANA AKYLEENPEIGIEEQQ IRAKLLV TSANTKATPVAEDLADADI... 347
 GNKIGQGN KNNVIRYLEENPQISTEIEAV IREQLLTKASDQTAAH...DETEEEPDLLES... 349
 GNKIGQGN KNNVIRYFEENNQIAE EIERN IREQLLTTGTNGAVQI...EDEE EEPDLLE...S... 349

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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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NTDB id 1022 ACIAD RS06390 WP 004925639.1	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	349

consensus

 non conserved
 similar
 ≥ 50% conserved