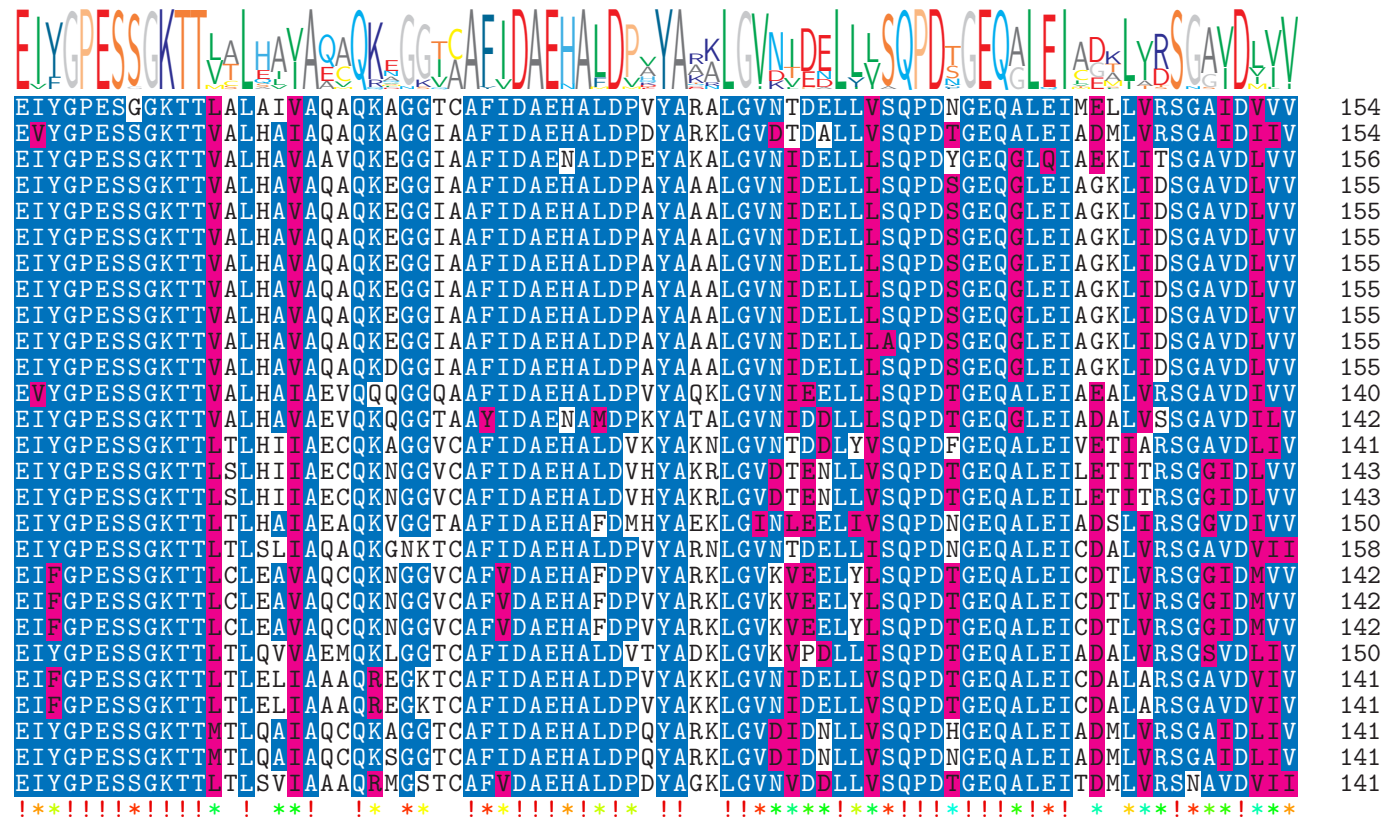


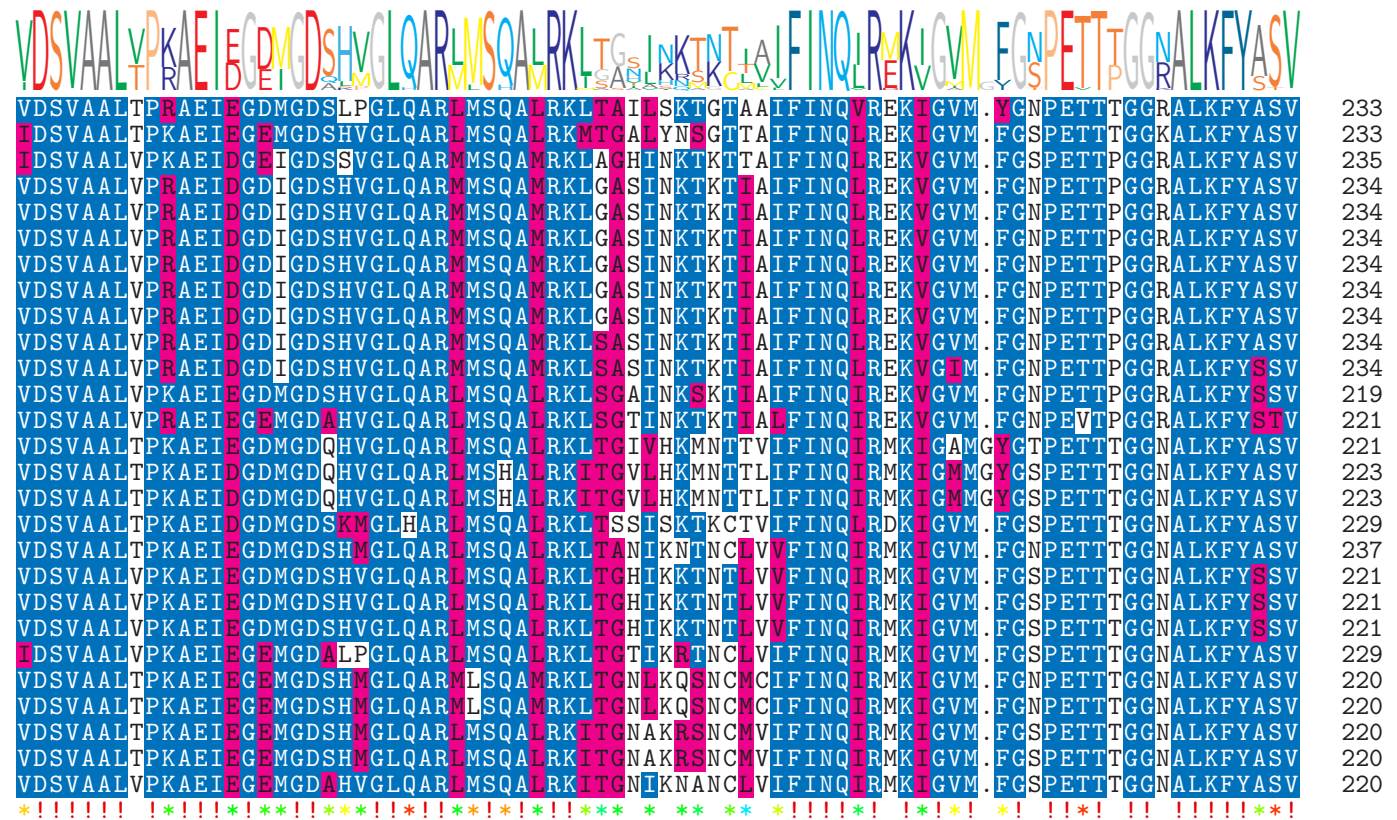
logo

NTDB id 1313 DR RS12030 WP 010888966.1	.MSKD...ATKEISAPTDAK	ERSKAIETAMSQ	IEKAFGKGSIMKLGAE	.SKLDVQVVSTGSLSLDLALGVGGIPRGRIT	74									
NTDB id 24309 CGTRNA RS09570 WP 003857444.1	.MAPK...KTATKATAAKGN	DRQKALDAALAL	IEKDFGKGAVMRLGDE	.NRPPIQT	ISSGNTAIDIALGIGGFPRGRIV	74								
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK...KTNFDDITKKYGA	ERDKALADALAL	IEKDFGKGSIMRLG	EA.ANQKVSV	VSSGSLALDIALGAGGYPKGRIV	76								
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK...PKKLEEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK...PKKLEEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK...PKKLEEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK...PKKLEEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK...PKKLDEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK...PKKLDEISKKFGA	EREKALNDALKL	IEKDFGKGSIMRLGER	.AEQKVQVMSSGSLALDIALGSGGYPKGRIT	75									
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK...LKKNEEITKKFGD	ERRKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGYPKGRIT	75									
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR...IKKTEEITKKFGD	ERKKALDDALKN	IEKDFGKGAVMRLGER	.AEQKVQVMSSGSLALDIALGAGGYPKGRIV	75									
NTDB id 115 BSU 16940 NP 389576.2	MS	DRQAALDMALKQ	IEKQFGKGSIMKLG	EK.TDTRIST	VPSGSLALDTALGIGGYPRGRIT	60								
NTDB id 625 LCA RS02525 WP 011374196.1	MAKD	ERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQVST	VSSGSLALDEALGVGGYPRGRIV	62								
NTDB id 1245 Cj1673c YP 002345041.1	MDDN	KRKSLDAALKS	LDKT	FGKGTILRLGDK	.EVEQIDSIGTGSVGLDLALGIGGVPKGRIT	61								
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDE	DKQKATISLA	IKQIDKV	FGKGALVRLGDK	.QVEKIDAISTGSLGLDLALGIGGVPKGRIT	63								
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDE	DKQKATISLA	IKQIDKV	FGKGALVRLGDK	.QVEKIDAISTGSLGLDLALGIGGVPKGRIT	63								
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKTETTSPND	DKKKALAAVLEK	LDKT	YGKGTVMKLG	DGTVDHNI	IEVIPSGSLGLDLALGVGGYPKGRIV	70							
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTVVKKVEPEQ	KKQALEAALAQ	IEKQFGKGSIMKLG	QT.EQLDIES	VSTGSLGLDLALGIGGLPMGRIV	78								
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALAQ	IEKSFGKGA	IMKMDGSQ	QEENLEVISTGSLGLDLALGVGGLPRGRIV	62								
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALAQ	IEKSFGKGA	IMKMDGSQ	QEENLEVISTGSLGLDLALGVGGLPRGRIV	62								
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSD	DKSKALAAALAQ	IEKSFGKGA	IMKMDGSQ	QEENLEVISTGSLGLDLALGVGGLPRGRIV	62								
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSA	EKQKALAAALAQ	IEKQFGKGSIMKMGDA	.EVEPVQVV	VSTGSLGLDVALGVGGLPRGRVV	70								
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDEN	KQKALAAALGQ	IEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDIALGAGGLPMGRIV	61								
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDEN	KQKALAAALGQ	IEKQFGKGSIMRLG	DN.RAMDVET	ISTGSLSLDIALGAGGLPMGRIV	61								
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDN	KSKALQAALSQ	IEKQFGKNTVMRLG	DN.TVQAVEA	VSTGSLTLDIALGIGGLPKGRIV	61								
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDEN	KSKALQAALSQ	IEKQFGKNTVMRLG	DN.TVQAVEA	VSTGSLTLDIALGIGGLPKGRIT	61								
NTDB id 1205 PSJM300 05545 AFN77183.1	MDEN	KKRALAAALGQ	IEKQFGKGAVMRMGDH	.DRQAIPS	ISTGSLGLDIALGIGGLPKGRIV	61								
consensus	***	***	**	**!	**!	*****	*	*****!	*****!	!!!	!!!	!!!	!!!	***

NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 24309 CGTRNA RS09570 WP 003857444.1
NTDB id 600 KW2 RS01765 WP 011675413.1
NTDB id 269 KZH43 RS08665 WP 001085462.1
NTDB id 228 SPF 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
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
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 RA0C RS04870 WP 004918236.1
NTDB id 1389 A4U84 RS07560 WP 021112712.1
NTDB id 1130 NGFG RS03960 WP 003688695.1
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



NTDB id 1313 DR RS12030 WP 010888966.1
NTDB id 24309 CGTRNA RS09570 WP 003857444.1
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 499 SM12261 RS08315 WP 078228268.1
NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 115 BSU 16940 NP 389576.2
NTDB id 625 LCA RS02525 WP 011374196.1
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
NTDB id 1124 NGFG RS03960 WP 003688695.1
NTDB id 1123 OK783 RS03845 WP 003688695.1
NTDB id 1427 RS RS02760 WP 011000510.1
NTDB id 1165 A1552VC RS01565 WP 000344154.1
NTDB id 1142 GTF74 RS11550 WP 000344154.1
NTDB id 1022 ACIAD RS06390 WP 004925639.1
NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



logo

NTDB id 1313 DR RS12030 WP 010888966.1	RLDVRKIGQ...PTKVGND	AVANTV	KIKTVKNKVAAPFKE	VELALVYGKGFDQLS	DLVGLAADMDI	IKKAGSFYSYGDE	309			
NTDB id 24309 CGTRNA RS09570 WP 003857444.1	RCDIRRIQTLKDGQ....DA	IGNRTRLKVVKNKVSP	PFKIAEFDIMY	GEGISRESSVIDL	AVDNGIVKKSGS	WFTYE	308			
NTDB id 600 KW2 RS01765 WP 011675413.1	RLDVRGSTKIEEGS.GDNKTQ	IGKITKIKVVKNKVAPPF	KVALVDIMF	GEGISSTGELLNIA	VEEGI	IKKSGAWFAYNDE	314			
NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPF	KEAVVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 228 SPD RS09265 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPF	KEAVVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPF	KEAVVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 159 SP RS09750 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETKIKVVKNKVAPPF	KEAVVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPF	KEAFVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRGSTQIKGTG.DQKDTN	VGKETKIKVVKNKVAPPF	KEAFVEIMY	GEGISKTGELLKIAS	DLDI	IKKAGAWYSYKDE	313			
NTDB id 453 Smp49 1753c ACI62003.1	RLDVRGTTQIKGTG.DQKDSN	IGKETKIKVVKNKVAPPF	KVAEVEIMY	GEGISRTGELVKIAS	DLDI	IKKAGAWFSYNGE	313			
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRGNTQIKGTG.EQKDSN	IGKETKIKVVKNKVAPPF	KEAFVEIMY	GEGISRTGELVKIAS	DLGI	IKKAGAWFSYNGE	313			
NTDB id 115 BSU 16940 NP 389576.2	RLEVRRAEQLKQGN.....DV	MGNKTKIKVVKNKVAPPF	RRTAEVDIMY	GEGISKEGETIDLG	TELDIVQKSGS	WYSYEEE	294			
NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRAETIKNGT.....DM	IGNRARIKVVKNKVAPPF	KVAEVDIMY	GQGISRTGELVDM	AVEKDI	INKSGSWYSYGSE	296			
NTDB id 1245 Cj1673c YP 002345041.1	RLDVRKVAT....L.KQNEEP	IGNRVKVVKNKVAPPFR	QAEFDVMF	GEGLSREGE	IDYGVKLDIV	DKSGAWFSYKDK	296			
NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIRRIAS....L.KQNEQH	IGNRAKAKVVKNKVAPPF	REAEFDIMF	GEGISKEGETIDY	GVKLDIV	DKSGAWLSYQDK	298			
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRIAA....L.KQNEQH	IGNRAKAKVVKNKVAPPF	REAEFDIMF	GEGISKEGETIDY	GVKLDIV	DKSGAWLSYQDK	298			
NTDB id 1334 RAOC RS04870 WP 004918236.1	RIDIRRLSDTGKIKDKSGEV	IGNRTKVVKNKVAPPF	KSAEFDIMY	GEGVSKVGEILD	VATDLDI	IQKSGSWFSYQDT	309			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIRRCGV....V.KDGEI	IGSETKVVKNKVAPPF	REVQFDIMY	GEGISRMNELLILA	EANGFI	IKKSGAWFSYDGT	312			
NTDB id 1130 NGFG RS03960 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRKKVKNKVAPPFR	QAEFDILY	GEGISWEGELID	IGVKNDI	INKSGAWSYNGA	296			
NTDB id 1124 NGFG RS03960 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRKKVKNKVAPPFR	QAEFDILY	GEGISWEGELID	IGVKNDI	INKSGAWSYNGA	296			
NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRKKVKNKVAPPFR	QAEFDILY	GEGISWEGELID	IGVKNDI	INKSGAWSYNGA	296			
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRIGS....I.KKGEVL	GNETKVVKNKVAPPF	REAI	FIDILYGAGVSREGE	IDLGV	EAKVVEKSGAWSYNGE	304			
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIRRTGA....I.KEGEEV	VGNETRIKVVKNKIAAPF	KEANTQIMYGQGFN	REGELID	LGVKHKMVEKSG	AWSYNGD	295			
NTDB id 1142 GTF74 RS11550 WP 000344154.1	RLDIRRTGA....I.KEGEEV	VGNETRIKVVKNKIAAPF	KEANTQIMYGQGFN	REGELID	LGVKHKMVEKSG	AWSYNGD	295			
NTDB id 1022 ACIAD RS06390 WP 004925639.1	RLDIRRIGQ....V.KEGDEI	IGSETKVVKNKMAPPF	REAI	FQILYGKGVNQLGEL	VDLAVQQN	IVQKAGAWYSYQGN	295			
NTDB id 1074 ABD1 RS10195 WP 000344167.1	RLDIRRIGQ....V.KEGDEI	IGSETKVVKNKMAPPF	KEAI	FQILYGKGTNQLGEL	VDLAVQQD	IVQKAGAWYSYQGN	295			
NTDB id 1205 PSJM300 05545 AFN77183.1	RLDIRRTGA....V.KEGDEV	VGS	ETRVKVVKNKVAPPFR	QAEFQILY	GKGIYRNGE	IDLGVQQGLVEKSGAWYAYKGS	295			
consensus	!***!*	*	**	*****!***!!*****!*	*	*****!*!*****	*****	***	***	! !*****!

logo

NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGKEKTIAYIAERPMEQEIRDRVMAAIRAGNAGEAPALAPAPA.....APEAAEA.....	363
NTDB id 24309 CGTRNA RS09570 WP 003857444.1	QLGGGKEKVRLSLKENPELTDELEDKIFKKLGVGKYAAASDELTDTPV...ELVPNV.....DFDDEADTEAD	373
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGAEKAKNYLKEHQDVDFEIDHKVRAAHGLDDSEVAETEEETTASKTAKAKKKEEKAVETEEIELELED.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGSENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGSENAKKYLADNPEIFDEIDHQVRVQFGLIDGEEIAES....KKDE....AAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGSENAKKYLADNPEVFAEIDHQVRVQFGLIDGEEAAES....KKDE....VAQVDS..VNEEVTLDLGDELEIEIE	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGSENAKRYLADHPQLFDEIDRKVRVKFGLLEESEEEESAMAVASE.....E.....TDDLALDLNGIEIED.	378
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGSENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.	383
NTDB id 115 BSU 16940 NP 389576.2	RLGGGRENAKQFLKENKDIMLMIQEIQREHYGLDNNGVVQQAEETQEEL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAKNYLADHEDVEDEVRLKVRAAYGISDVPEEDLPTTEDE.QI.NILPDDST....EE.....	355
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGRENSKAFLENPEIADAITKAIQNSMGIEGMISGSEDD..EGEE.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGRENAKALLKEDKALADEITLKIKEISGSNEEIMPLPDE..PLEEM.E.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGRENAKALLKEDKALADEITLKIKEISGSNEEIMPLPDE..PLEEM.E.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGRDITVKELTKDNPELAEELEAKIREKLQAK.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGGKNNAVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES.DVEEFS.....EEEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETGER.....P.....EE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETGER.....P.....EE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDETGER.....P.....EE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREFLRENAELAREIENKVREHLGVTPMGAVTLA.EEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGGKANACKYLLKENPEIAKTLDDKLLREMLLNPENMQLIAETSSAADV.EFGAVP.....EEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGGKANACKYLLKENPEIAKTLDDKLLREMLLNPENMQLIAETSSAADV.EFGAVP.....EEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTA..HDETEEEP.DLL..E.....S.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTTGTNGAVQ..I.EDEEEP.DLL..L.....ES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGGKANAAKYLEENPEIGQEIEQQIRAKLLVTSANTKATPVAEDLADA.DI.....	347
consensus	**!!!!***** ** ***** ***** ** *	

logo

NTDB id 1313 DR RS12030 WP 010888966.1	...	363
NTDB id 24309 CGTRNA RS09570 WP 003857444.1	AED	376
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
NTDB id 499 SM12261 RS08315 WP 078228268.1	E..	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	E..	384
NTDB id 453 Spy49 1753c ACI62003.1	...	378
NTDB id 408 SMU RS09530 WP 002262392.1	...	383
NTDB id 115 BSU 16940 NP 389576.2	...	348
NTDB id 625 LCA RS02525 WP 011374196.1	...	355
NTDB id 1245 Cj1673c YP 002345041.1	...	343
NTDB id 1211 C694 RS00795 WP 000963128.1	...	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	...	347
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
NTDB id 1123 OK783 RS03845 WP 003688695.1	...	348
NTDB id 1427 RS RS02760 WP 011000510.1	...	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	...	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	...	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	...	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	...	349
NTDB id 1205 PSJM300 05545 AFN77183.1	...	347

consensus

 non conserved
 similar
 ≥ 50% conserved