

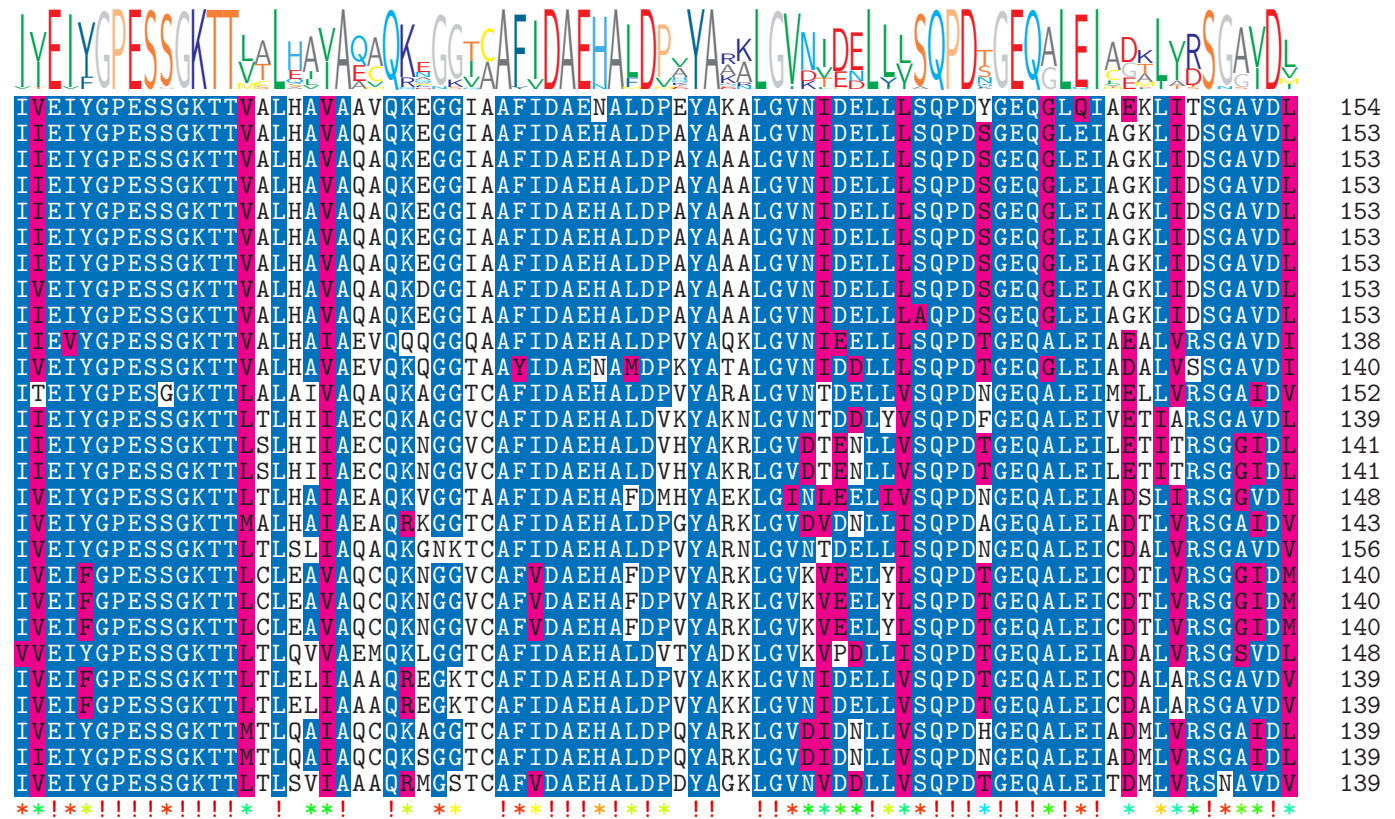
logo

NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK....KTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALD	I	ALGAGGY	PKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK....PKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK....PKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQVM	SSGSLALD	I	ALGSGGY	PKGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR....IKKTEEITKKFGD	ERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVM	SSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK....LKKNEEITKKFGD	ERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQVM	SSGSLALD	I	ALGAGGY	PKGR	73
NTDB id 115 BSU 16940 NP 389576.2	MS	DRQAALDMALKQIEKQ	FGKGSIMKLGEK	.TDTR	ISTVPS	GSLALD	TALGIGGY	PRGR	58
NTDB id 625 LCA RS02525 WP 011374196.1	MAKD	ERQAALDAALKKIEKN	FGKGSIMRMGEK	.VDTQVST	VSSGSLAL	DEALGV	GGYPRGR		60
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTD	AKERSKATETAM	QIEKAFGKGSIMKLGA	E.SKLDVQV	VSTGSLSLD	LALGV	GGIPRGR		72
NTDB id 1245 Cj1673c YP 002345041.1	MDDN	KRKSLSDAALKS	LDKTFGKGTILRLG	DK.EVEQ	IDSIGTGS	VGLDL	ALGIGGV	PKGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDE	DKQKALISLAIKQID	KVFGKGALVRLGDK	.QVEKIDS	ISTGSLGLD	LALGIGV	PKGR		61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDE	DKQKALISLAIKQID	KVFGKGALVRLGDK	.QVEKIDA	ISTGSLGLD	LALGIGV	PKGR		61
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPND	DKKKALAAVLEKLD	KTYGKGTVMKLG	DGTVDHNI	EVIPSGSL	GLDL	LALGV	GGYPRGR	68
NTDB id 42521 GLX RS12780 WP 014106377.1	MAQAPGI	DKSKALEGALSQIER	AFGKGSIMRMGER	.PSEQVDV	ISTGSLGLD	I	ALGIGGL	PRGR	63
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQ	KKQALEAALAQIEKQ	FGKGSIMKLQGT	.EQLD	IESVSTGSL	GLDL	LALGIGGL	PMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QEEENLEV	ISTGSLGLD	LALGV	GGLP	PRGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QEEENLEV	ISTGSLGLD	LALGV	GGLP	PRGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSD	DKSKALAAALAQIEKS	FGKGAIMKMDGSQ	QEEENLEV	ISTGSLGLD	LALGV	GGLP	PRGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALAQIEKQ	FGKGSIMKMGDA	.EVEPVQV	VSTGSLGLD	VALGV	GGLPRGR		68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDEN	KQKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVET	ISTGSLSLD	I	ALGAGGL	PMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDEN	KQKALAAALGQIEKQ	FGKGSIMRLGDN	.RAMDVET	ISTGSLSLD	I	ALGAGGL	PMGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDN	KSKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEA	VSTGSLTLD	I	ALGIGGL	PKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDEN	KSKALQAALSQIEKQ	FGKNTVMRLGDN	.TVQAVEA	VSTGSLTLD	I	ALGIGGL	PKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDEN	KKRALAAALGQIEKQ	FGKGAVMRMGDH	.DRQA	IPSISTGSL	GLD	I	ALGIGGLPKGR	59
consensus		*** **	*****	*****	*****	*****	*****	*****	

```

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
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 42521 GLX RS12780 WP 014106377.1
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

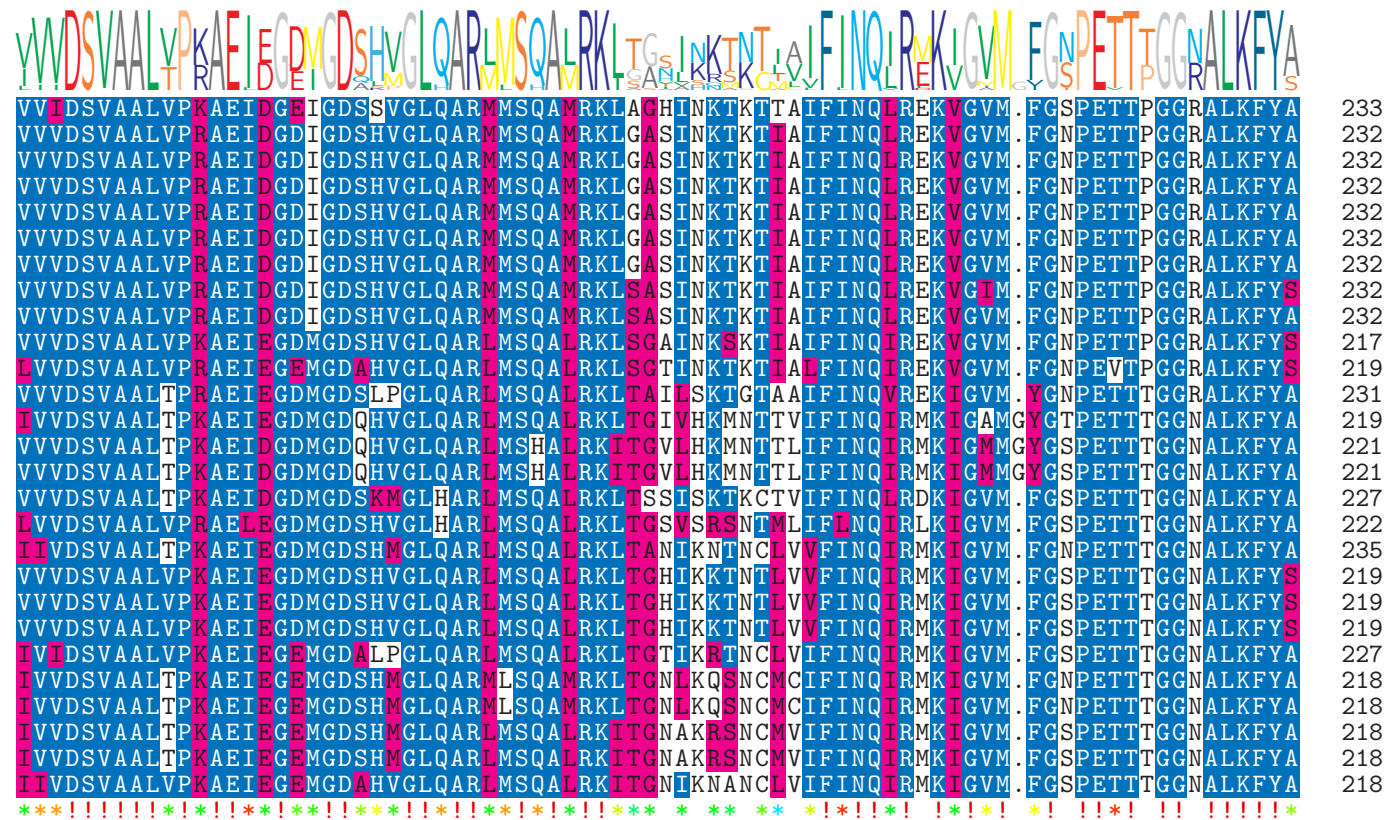
```



```

NTDB id 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
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 42521 GLX RS12780 WP 014106377.1
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 600 KW2 RS01765 WP 011675413.1	SVRLDVRG	STKIEEGS	.GDNKTQ	IGKITKIKVVKNKVAPPFKEA	VALVDIMFGEGISSTGELINIAVEEGI	IKKSGAWFAYN	312
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETKIKVVKNKVAPPFKEA	AVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETKIKVVKNKVAPPFKEA	AVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETKIKVVKNKVAPPFKEA	AVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRG	NTQIKGTG	.DQKETN	VGKETKIKVVKNKVAPPFKEA	AVVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETKIKVVKNKVAPPFKEA	AFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRG	STQIKGTG	.DQKDTN	VGKETKIKVVKNKVAPPFKEA	AFVEIMYGEGISKTGELLKIASDLDI	IKKAGAWYSYK	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRG	NTQIKGTG	.EQKDSN	IGKETKIKVVKNKVAPPFKEA	AFVEIITYGEGISRTGELVKIASDLGI	IKKAGAWYSYN	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRG	TTQIKGTG	.DQKDSS	IGKETKIKVVKNKVAPPFKEA	AEVEIMYGEGISRTGELVKIASDLDI	IKKAGAWFSYN	311
NTDB id 115 BSU 16940 NP 389576.2	SVRLEVRRAE	QLKQGN	DVMGNKTKIKVVKNKVAPPFR	TAEVDIMY	GEGISKEGEIIDLGTELD	DIVQKSGSWYSYE	292
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRAE	TIKNGT	DMIGNRARIKVVKNKVAPPFKVAEVDIMY	GQGISRTGELVDMAVEKDI	INKSGSWYSYG	294	
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIG	QPTKVG	NDAVANTV	KIKTVKNKVAAPFKEVELALVYGKGF	QDLSDLVGLAADMDI	IKKAGSFYSYG	307
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVA	TLK.QNEEP	IGNRVKVVKNKVAPPFRQAEFDVMFGEGLSR	EGELIDYG	VKLDIVDKSGAWFSYK	294	
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRIA	SLK.QNEQH	IGNRAKAKVVKNKVAPPFRQAEFDIMFGEGISKEGEI	IDYG	VKLDIVDKSGAWLSYQ	296	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRIA	ALK.QNEQH	IGNRAKAKVVKNKVAPPFRQAEFDIMFGEGISKEGEI	IDYG	VKLDIVDKSGAWLSYQ	296	
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLS	DTGKIKDKSGEV	IGNRTKVVKNKVAPPFKSAEFDIMY	GEGVSKVGEILDVATDLDI	IKKSGSWFSYQ	307	
NTDB id 42521 GLX RS12780 WP 014106377.1	SVRMDIRRI	G....SIK.DKDEV	TGNQTRVKVVKNKMAPPFRQVEFDIMY	GEGISKVGELIDL	GVKAGIVEKSGAWFSCD	297	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCG	VVK.DGDEI	IGSETKVVKNKVAPPFRQVEFDIMY	GEGISRMNELLILAEANGFI	IKKSGAWFSYD	310	
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTG	SIK.KGEEV	LGNETRVKVIKNKVAPPFRQAEFDILY	GEGISWEGELIDIGVKN	DIINKSGAWYSYN	294	
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRRTG	SIK.KGEEV	LGNETRVKVIKNKVAPPFRQAEFDILY	GEGISWEGELIDIGVKN	DIINKSGAWYSYN	294	
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRRTG	SIK.KGEEV	LGNETRVKVIKNKVAPPFRQAEFDILY	GEGISWEGELIDIGVKN	DIINKSGAWYSYN	294	
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRI	G....SIK.KGDEV	VGNETKVVKNKVAPPFRQAEFI	DILYGAGVSREGEIIDLGVEAKVVEKSGAWYSYN	302		
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTG	AIK.EGEEV	VGNETRIKVVKNKIAAPFKEANTQIMY	GQGFNREGELIDLGVKHKMVEKSGAWYSYN	293		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTG	AIK.EGEEV	VGNETRIKVVKNKIAAPFKEANTQIMY	GQGFNREGELIDLGVKHKMVEKSGAWYSYN	293		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRI	G....QVK.EGDEI	IGSETKVVKNKMAPPFRQAEFI	QILYGKGVNQLGELVDLAVQQNIVQKAGAWYSYQ	293		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRI	G....QVK.EGDEI	IGSETKVVKNKMAPPFRQAEFI	QILYGKGTNQLGELVDLAVQQD	IVQKAGAWYSYQ	293	
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTG	AVK.EGDEV	VGSETRVKVVKNKVAPPFRQAEFI	QILYGKGIYRNGEIIDLGVQQGLVEKSGAWYAYK	293		
consensus	*!!**!* *	*	**	*****!*****!!*!!*!!* *	*****!!*!!*!!* ***** *	***** ! !*****	

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	DEKIGQGA	EKAKNYLKEHQDV	DEIDHKVRAAHG	LDDSEVAETEEETT	.ASKTKAKAKKEEKAVETEEIELELED....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENK	.KDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 228 SPD RS09265 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENK	.KDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 194 SPR RS08825 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENK	.KDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 159 SP RS09750 WP 001085462.1	DEKIGQGS	ENAKKYLAEHPEIF	DEIDKQVRSKFGL	LIDGEEVSEQDTENK	.KDE....PKKEEA..VNEEVPLDLGDELEI	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	DEKIGQGS	ENAKKYLAADNPEV	FAEIDHQVRVQFGL	LIDGEEAAE....SK	.KDE....VAQVDS..VNEEVTLDLGDELEI	380
NTDB id 499 SM12261 RS08315 WP 078228268.1	DEKIGQGS	ENAKKYLAADNPEIF	DEIDHQVRVQFGL	LIDGEEIAE....SK	.KDE....AAQVDS..VNEEVTLDLGDELEI	380
NTDB id 408 SMU RS09530 WP 002262392.1	GEKIGQGS	ENAKKFLADNPEIF	DDIDHKVVRVQYGL	IEEDNTEEKQSSKE	.K.....ETDEK..ADKNLVLELDDTIEL	381
NTDB id 453 Spy49 1753c ACI62003.1	GEKIGQGS	ENAKRYLADHPQLF	DEIDRKVRVKFGL	LEESEEEESAMAVAS	.E.....E.....TDDLALDLNGIEI	376
NTDB id 115 BSU 16940 NP 389576.2	EERLGGG	RENAKQFLKENKDI	MLMIQEIREHYGL	DNNGVVQQAEETQ	.EEL.EFE.E.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	SERIGQG	RENAKNYLADHEDV	EVRLKVRAAAYG	ISDVPEEDLPTTEDE	..QI.NILPDDST.....EE.....	355
NTDB id 1313 DR RS12030 WP 010888966.1	DERIGQG	KEKTIAYIAERPEME	QEIRDRVMAAIRAG	NAGEAPALAPAPAAPE	AAEA.....	363
NTDB id 1245 Cj1673c YP 002345041.1	DKKLGGG	RENSKAFLENPEIA	DEITKAIQNSMCI	EGMI..SGSEDD..EGE	E.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	DKKLGGG	RENAKALLKEDKALA	DEITLKIKESIGSNEE	I..MPLPDE..PLEEME	.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	DKKLGGG	RENAKALLKEDKALA	DEITLKIKESIGSNEE	I..MPLPDE..PLEEME	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	DTKLGGG	RDITVKELIKDNPELA	EELEAKIREKLQAK	.....	.....	343
NTDB id 42521 GLX RS12780 WP 014106377.1	SQRIGQG	RENAKQFLRDHPEMA	ADIERRVREQAGV	VAAE..MLVGPDEEGGE	A.....	348
NTDB id 1389 A4U84 RS07560 WP 021112712.1	GTKIGQG	KNNAVKWLKENPEIA	DKLEQEI RNTLASNP	NS..VLKATASDSNDES	DVEEF.....SEEEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEIS	DEIDAKIRALNGVEMH	I..TEGTQDET DGER	PEE.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEIS	DEIDAKIRALNGVEMH	I..TEGTQDET DGER	PEE.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	GAKIGQG	KDNVRVWLKENPEIS	DEIDAKIRALNGVEMH	I..TEGTQDET DGER	PEE.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	GERIGQG	RDNCREFLRENAELAR	EIENKVREHLGVTPM	G..AVTLA.EEVEED	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	GDKIGQG	KANACKY LKENPEIA	KTLDKKLREMLLNPEN	M..QLIAETSSAAD	DVEFGAV.....PEEF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	GDKIGQG	KANACKY LKENPEIA	KTLDKKLREMLLNPEN	M..QLIAETSSAAD	DVEFGAV.....PEEF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	GNKIGQG	KNNVIRYFEENNQIA	EEIERNIREQLLT	TKASD..QTAA.HDETEE	EPDLL.....ES.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	GNKIGQG	KNNVIRYFEENNQIA	EEIERNIREQLLT	TKASD..GAVQ.I.EDEE	EPDLL.....LES.....	349
NTDB id 1205 PSJM300 05545 AFN77183.1	GSKIGQG	KANAACKYLEENPEI	GQIEIEQQLIRAKLL	VTSAN..TKATPVAED	LADADI.....	347
consensus	**!!!***** ** * *** ** ** *					*

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	ELEE	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
NTDB id 159 SP RS09750 WP 001085462.1	EIEE	388
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
NTDB id 453 Spy49 1753c ACI62003.1	ED..	378
NTDB id 115 BSU 16940 NP 389576.2	....	348
NTDB id 625 LCA RS02525 WP 011374196.1	....	355
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
NTDB id 1214 NCTC11637 00359 SQJ03206.1	....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	....	343
NTDB id 42521 GLX RS12780 WP 014106377.1	....	348
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