

logo

NTDB id 1313 DR RS12030 WP 010888966.1	.MSKD...ATKEISAPTDAKERSKATETAMSQIEKAFGKGSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGIPRGRIT	74
NTDB id 600 KW2 RS01765 WP 011675413.1	MATKK...KTNFDDITKKYGAERDKALADALALIEKDFGKGSIMRLGAE.ANQKVSVVSSGSLALDIALGAGGYPKGRIV	76
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAKK...PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 228 SPD RS09265 WP 001085462.1	.MAKK...PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 194 SPR RS08825 WP 001085462.1	.MAKK...PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 159 SP RS09750 WP 001085462.1	.MAKK...PKKLEEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAKK...PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAKK...PKKLDEISKKFGAEREKALNDALKLIEKDFGKGSIMRLGER.AEQKVQVMSSGSLALDIALGSGGYPKGRII	75
NTDB id 408 SMU RS09530 WP 002262392.1	.MAKR...IKKTEEITKKFGDERKKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGRIV	75
NTDB id 453 Spy49 1753c ACI62003.1	.MAKK...LKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLGER.AEQKVQVMSSGSLALDIALGAGGYPKGRII	75
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKGSIMRMGEK.VDTQVSTVSSGSLALDEALGVGGYPGRGRIV	62
NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKGSIMKLGEEK.TDTRISTVPSGSLALDTALGIGGYPRGRIT	60
NTDB id 1245 Cj1673c YP 002345041.1	MDNKRKSLDAALKSLDKTFGKGTILRLGDK.EVEQIDSIGTGSVGLDLALGIGGVPKGRII	61
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKALSLAIAIKQIDKVFVGKGAIVRLGDK.QVEKIDSISTGSLGLDLALGIGGVPKGRII	63
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKALSLAIAIKQIDKVFVGKGAIVRLGDK.QVEKIDAISTGSLGLDLALGIGGVPKGRII	63
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKTETTSPNDKKKALAAVLEKLDKTYGKGTVMKLGDTVDHNIIEVIPSGSLGLDLALGVGGYPKGRII	70
NTDB id 92779 MWM00 RS09305 WP 067542063.1	MSTAKDEREKALEAAMAQIQKQFGKGAIMKLGEGAAQMNIETVSTGSLISLDLATGVGGVPKGRII	65
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTVVVKQVEPEQKKQALEAALAQIEKQFGKGSIMKLGQT.EQLDIESVSTGSLGLDLALGIGGLPMGRIV	78
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRIV	62
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRIV	62
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQUEENLEVISTGSLGLDLALGVGGLPRGRIV	62
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....KKAASMSAEKQKALAAALAQIEKQFGKGSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPRGRVV	70
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGRIV	61
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKGSIMRLGDN.RAMDVETISTGSLSLDIALGAGGLPMGRIV	61
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDNKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDLALGIGGLPKGRII	61
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALSQIEKQFGKNTVMRLGDN.TVQAVEAVSTGSLTLDLALGIGGLPKGRII	61
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSISTGSLGLDIALGIGGLPKGRII	61
consensus	*** **	

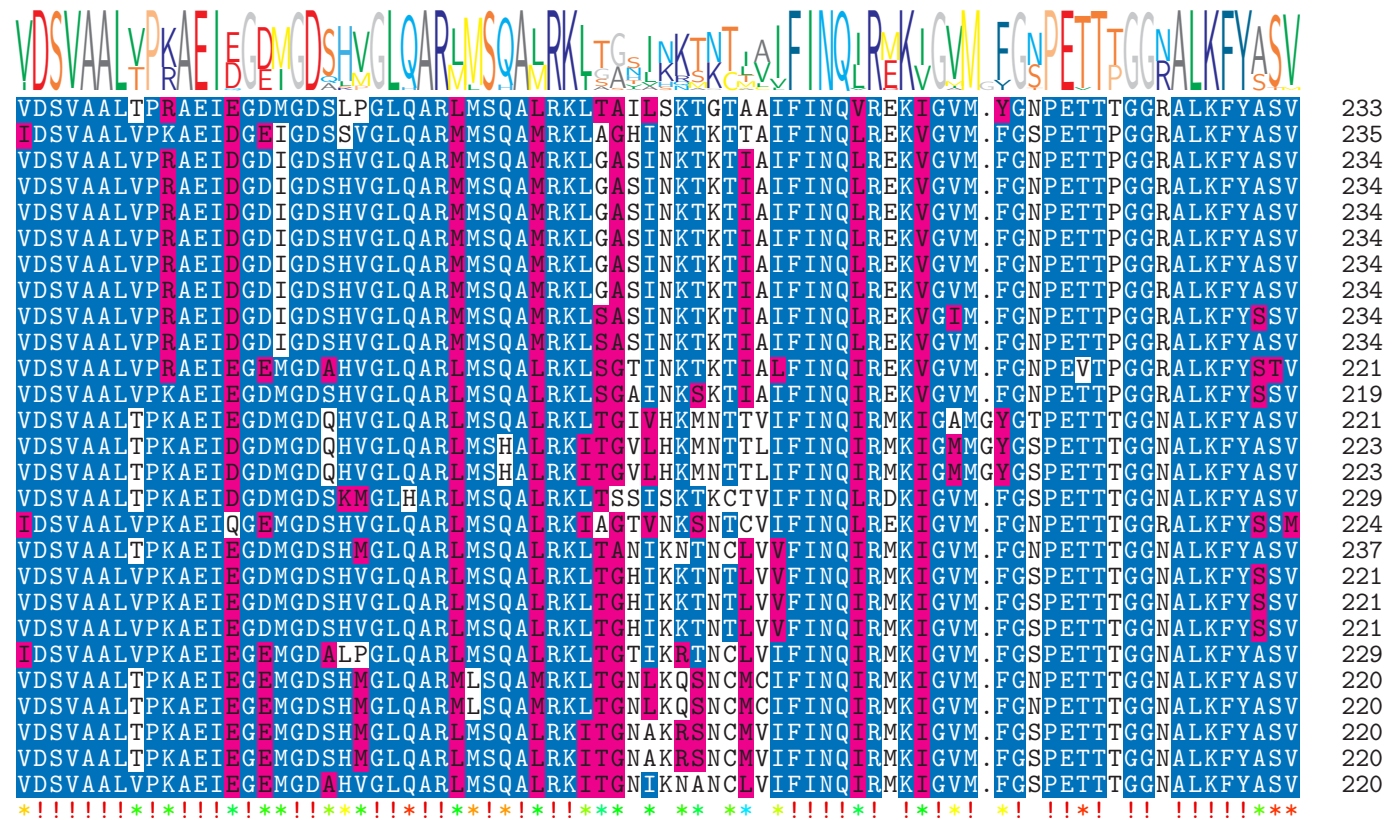
logo

NTDB id 1313 DR RS12030 WP 010888966.1	EIYGPESSGKTTT	154
NTDB id 600 KW2 RS01765 WP 011675413.1	EIYGPESSGKTTT	156
NTDB id 269 KZH43 RS08665 WP 001085462.1	EIYGPESSGKTTT	155
NTDB id 228 SPD RS09265 WP 001085462.1	EIYGPESSGKTTT	155
NTDB id 194 SPR RS08825 WP 001085462.1	EIYGPESSGKTTT	155
NTDB id 159 SP RS09750 WP 001085462.1	EIYGPESSGKTTT	155
NTDB id 499 SM12261 RS08315 WP 078228268.1	EIYGPESSGKTTT	155
NTDB id 527 SMSK321 RS11065 WP 001085454.1	EIYGPESSGKTTT	155
NTDB id 408 SMU RS09530 WP 002262392.1	EIYGPESSGKTTT	155
NTDB id 453 Spy49 1753c ACI62003.1	EIYGPESSGKTTT	155
NTDB id 625 LCA RS02525 WP 011374196.1	EIYGPESSGKTTT	142
NTDB id 115 BSU 16940 NP 389576.2	EIYGPESSGKTTT	140
NTDB id 1245 Cj1673c YP 002345041.1	EIYGPESSGKTTT	141
NTDB id 1211 C694 RS00795 WP 000963128.1	EIYGPESSGKTTT	143
NTDB id 1214 NCTC11637 00359 SQJ03206.1	EIYGPESSGKTTT	143
NTDB id 1334 RAOC RS04870 WP 004918236.1	EIYGPESSGKTTT	150
NTDB id 92779 MWM00 RS09305 WP 067542063.1	EIYGPESSGKTTT	145
NTDB id 1389 A4U84 RS07560 WP 021112712.1	EIYGPESSGKTTT	158
NTDB id 1130 NGFG RS03960 WP 003688695.1	EIYGPESSGKTTT	142
NTDB id 1124 NGFG RS03960 WP 003688695.1	EIYGPESSGKTTT	142
NTDB id 1123 OK783 RS03845 WP 003688695.1	EIYGPESSGKTTT	142
NTDB id 1427 RS RS02760 WP 011000510.1	EIYGPESSGKTTT	150
NTDB id 1165 A1552VC RS01565 WP 000344154.1	EIYGPESSGKTTT	141
NTDB id 1142 GTF74 RS11550 WP 000344154.1	EIYGPESSGKTTT	141
NTDB id 1022 ACIAD RS06390 WP 004925639.1	EIYGPESSGKTTT	141
NTDB id 1074 ABD1 RS10195 WP 000344167.1	EIYGPESSGKTTT	141
NTDB id 1205 PSJM300 05545 AFN77183.1	EIYGPESSGKTTT	141
consensus		

```

NTDB id 1313 DR RS12030 WP 010888966.1
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 408 SMU RS09530 WP 002262392.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 115 BSU 16940 NP 389576.2
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 92779 MWM00 RS09305 WP 067542063.1
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	KIKTVKNKV	APPFKE	VELALV	YVGKGF	QDLS	DLVGL	LAADM	DI	IKKAGS	FFSY	GDE	309				
NTDB id 600 KW2 RS01765 WP 011675413.1	RLDVRGSTKIEEGS.GDNKTQ	IGKITK	IKVVKNKV	APPFKE	VALVD	IMF	GEGIS	ST	GEL	LNIA	VEE	GI	IKKSGA	FAYNDE	314			
NTDB id 269 KZH43 RS08665 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVE	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 228 SPD RS09265 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVE	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 194 SPR RS08825 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVE	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 159 SP RS09750 WP 001085462.1	RLDVRGNTQIKGTG.DQKETN	VGKETK	IKVVKNKV	APPFKE	AVVE	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 499 SM12261 RS08315 WP 078228268.1	RLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	APPFKE	AFV	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 527 SMSK321 RS11065 WP 001085454.1	RLDVRGSTQIKGTG.DQKDTN	VGKETK	IKVVKNKV	APPFKE	AFV	EIMY	GEGIS	KT	GEL	LKIAS	DL	DI	IKKAGAW	YSYKDE	313			
NTDB id 408 SMU RS09530 WP 002262392.1	RLDVRGNTQIKGTG.EQKDSN	IGKETK	IKVVKNKV	APPFKE	AFV	EIMY	GEGIS	RT	GEL	VKIAS	DL	GI	IKKAGAW	YSYNGE	313			
NTDB id 453 Spy49 1753c ACI62003.1	RLDVRGTTQIKGTG.DQKDS	IGKETK	IKVVKNKV	APPFKE	AEV	EIMY	GEGIS	RT	GEL	VKIAS	DL	DI	IKKAGAW	FSYNGE	313			
NTDB id 625 LCA RS02525 WP 011374196.1	RLEVRRRAETIKNGT....DM	IGNRAR	IKVVKNKV	APPFKE	AEV	DIMY	GGIS	RT	GEL	VDMA	VEK	DI	INKSG	SWSY	GSE	296		
NTDB id 115 BSU 16940 NP 389576.2	RLEVRRRAEQLKQGN....DV	MGNKTK	IKVVKNKV	APPFRT	AEV	DIMY	GEGIS	KE	GE	IIDL	GTE	L	DIVQK	SG	SWSY	EEEE	294	
NTDB id 1245 Cj1673c YP 002345041.1	RLDVRKVAT....L.KQNEEP	IGNRVK	VVVKNKV	APPFRA	AEF	DVM	FGEGL	S	REGEL	IDYGV	KLDIV	DKSGA	WFSY	KDK	296			
NTDB id 1211 C694 RS00795 WP 000963128.1	RIDIRRIAS....L.KQNEQH	IGNRAK	AKVVKNKV	APPFRE	AEF	DIMF	GEGIS	KE	GE	IIDL	GTE	L	DIVQK	SGA	WLSY	QDK	298	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	RIDIRRIAA....L.KQNEQH	IGNRAK	AKVVKNKV	APPFRE	AEF	DIMF	GEGIS	KE	GE	IIDL	GTE	L	DIVQK	SGA	WLSY	QDK	298	
NTDB id 1334 RAOC RS04870 WP 004918236.1	RIDIRRSLSDTGKIKDKSGEV	IGNRTK	VVVKNKV	APPFK	SAEF	DIMY	GEGV	SKVGE	ILDV	ATDL	DI	IKKSG	SW	FSY	QDT	309		
NTDB id 92779 MWM00 RS09305 WP 067542063.1	RLDVRRIET....I.KSGDQM	LGNRT	RVVVKNKV	APPFK	QAEF	DIMY	GGIS	KAGD	VLDCA	VEEK	I	VEKAG	SW	YSY	AGE	299		
NTDB id 1389 A4U84 RS07560 WP 021112712.1	RLDIRRCGV....V.KDGEI	IGSETK	VVVKNKV	APPFREV	QFD	DIMY	GEGIS	RMNELL	ILAE	ANGF	I	KKSGA	W	FSY	DGT	312		
NTDB id 1130 NGFG RS03960 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRV	KV	IKNKV	APPFRA	AEF	DILY	GEGIS	WEGEL	IDIGV	KNDI	INKSG	AW	YSY	NGA	296		
NTDB id 1124 NGFG RS03960 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRV	KV	IKNKV	APPFRA	AEF	DILY	GEGIS	WEGEL	IDIGV	KNDI	INKSG	AW	YSY	NGA	296		
NTDB id 1123 OK783 RS03845 WP 003688695.1	RLDIRRTGS....I.KKGEVL	GNETRV	KV	IKNKV	APPFRA	AEF	DILY	GEGIS	WEGEL	IDIGV	KNDI	INKSG	AW	YSY	NGA	296		
NTDB id 1427 RS RS02760 WP 011000510.1	RLDIRRIGS....I.KKGEDEV	VGN	ETK	VVVKNKV	APPFRE	AI	FDILY	GAGVS	REGE	IIDL	GV	EAKV	VEK	SG	AW	YSY	NGE	304
NTDB id 1165 A1552VC RS01565 WP 000344154.1	RLDIRRTGA....I.KEGE	EEVGN	ETRIK	VVKNK	IAAPFKE	ANTQ	IMY	GGF	NREGEL	IDL	GVKHK	MVEK	SG	AW	YSY	NGD	295	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	RLDIRRTGA....I.KEGE	EEVGN	ETRIK	VVKNK	IAAPFKE	ANTQ	IMY	GGF	NREGEL	IDL	GVKHK	MVEK	SG	AW	YSY	NGD	295	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	RLDIRRIGQ....V.KEG	DEIVG	SETK	VVVKNK	MAPPFRE	AI	FQILY	GKGV	NQLGEL	VDL	AVQQ	NIVQK	AG	AW	YSY	QGN	295	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	RLDIRRIGQ....V.KEG	DEIVG	SETK	VVVKNK	MAPPFRE	AI	FQILY	GKGV	NQLGEL	VDL	AVQQ	NIVQK	AG	AW	YSY	QGN	295	
NTDB id 1205 PSJM300 05545 AFN77183.1	RLDIRRTGA....V.KEG	DEVGS	ETRV	VVVKNKV	APPFRA	AEFQ	ILY	GKGIY	RNGE	IIDL	GV	QQGL	LVEK	SG	AWY	AYKGS	295	
consensus	!***!*	*	**	*****!***!!*!!*!!*	*	*****!*	*****	*****	***	***	!	!*****!						

logo

NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGKEKTIAYIAERP	MEQEIRDRVMAAIRAGNAGEAPALAPAPAA.....PEAAEA.....	363
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EAKAKNYLKEHQDVFEIDHKVRAAHGLLDDSEVAETEEETTAS	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGS	ENAKKYLAEHPEIFDEIDKQVRSKFGLIDGEEVSEQDTENKKDE....PKKEEA..VNEEVPLDLGDELEIEIE	387
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGS	ENAKKYLA	383
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGS	ENAKKYLA	383
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGS	ENAKKFLADNPEIFDDIDHKVRVQYGLIEEDNTEEEKQSSKEK.....ETDEK..ADKNLVLELDDTIELED.	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGS	ENAKRYLADHPQLFDEIDRKVRVKFGLLEEESEESAMAVASE.....E.....TDDLALDLNGIEIED.	378
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGRENAKNYLADHEDVEDEVRLKVR	AAYGISDVPEEDLPTTEDE.QI.NILPDDST.....EE.....	355
NTDB id 115 BSU 16940 NP 389576.2	RLGQGRENAKQFLKENKDIMLMIQEQIREHYGLDNNGVVQQQAETQEEL.EFE.E.....		348
NTDB id 1245 Cj1673c YP 002345041.1	KLGGQGRENSKAF	LKENPEIADEITKAIQNSMGI	343
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME.....		347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGQGRENAKALLKEDKALADEITLKIKESIGSNEEIMPLPDEPLEEME.....		347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGQRD	TVKELIKDNPELAEELEAKIREKLQAK.....	343
NTDB id 92779 MWM00 RS09305 WP 067542063.1	RIGQGRENVKKWLEENPSILDKIEGQLLET	LKPEEVPEQDVDLQVDE	352
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGGKNN	AVKWLKENPEIADKLEQEIRNTLASNPNSVLKATASDSNDES.DVEEFSE.....EEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET	DGER.....PE.....E.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET	DGER.....PE.....E.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGGKDNVRVWLKENPEISDEIDAKIRALNGVEMHITEGTQDET	DGER.....PE.....E.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGRDNCREF	LRENAELAREIENKVREHLGVTPMGAVTLA.EEVEED.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDV.EFGAVPE.....EF.....		354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGGKANACKYLKENPEIAKTLDKKLREMLLNPENMQLIAETSSAADDV.EFGAVPE.....EF.....		354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGGKNNVIRYLEENPQISTEIEAVIREQLLTKASDQTA..HDETEEEP.DLL..ES.....		349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGGKNNVIRYFEENNQIAEEIERNIREQLLTGTNGAVQ.I.EDEEEP.DLL..LE.....S.....		349
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGGKANAAKYLEENPEI	GGIEEQIRAKLLVTSANTKATPVAEDLADA.DI.....	347
consensus	***!!!!***** ** ***** ***** ** *		

logo

NTDB id 1313 DR RS12030 WP 010888966.1	.	363
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 408 SMU RS09530 WP 002262392.1	.	383
NTDB id 453 Spy49 1753c ACI62003.1	.	378
NTDB id 625 LCA RS02525 WP 011374196.1	.	355
NTDB id 115 BSU 16940 NP 389576.2	.	348
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 92779 MWM00 RS09305 WP 067542063.1	.	352
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