

logo

NTDB id 115 BSU 16940 NP 389576.2	MS	DRQAALDMALKQ	IEKQFGKGSIMKLGEK	.TDTRI	ISTVPSGSLALD	TALGIGGYPRGR	58		
NTDB id 96743 P0855 RS14795 WP 002354860.1	MA	DDRKVALDAALKK	IEKNFGKGSIMKLGEK	.ADQKI	ISTIPSGSLALD	VALGVGGYPRGR	59		
NTDB id 625 LCA RS02525 WP 011374196.1	MAK	DERQAALDAALKK	IEKNFGKGSIMRMGEK	.VDTQV	STVSSGSLALD	EALGVGGYPRGR	60		
NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....	KKTNFDDITKKYGA	ERDKALADALAL	IEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALD	TALGAGGYPKGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....	KPKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....	KPKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....	KPKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....	KPKKLEEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....	KPKKLDEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....	KPKKLDEISKKFGA	EREKALNDALKL	IEKD	FGKGSIMRLGER	.AEQKVQVMSSGSLALD	TALGSGGYPKGR	73	
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....	KLKKNEEITKKFG	DERRKALDDALKN	IEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALD	TALGAGGYPKGR	73	
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....	RIKKTEEITKKFG	DERKKALDDALKN	IEKD	FGKGAVMRLGER	.AEQKVQVMSSGSLALD	TALGAGGYPKGR	73	
NTDB id 1313 DR RS12030 WP 010888966.1	MSK	DATKEISAPTD	AKERSKAT	IETAMSQ	IEKAFGKGSIMKLGA	E.SKLDVQV	VSTGSLSLD	LALGVGGIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MD	DNKRKSLDAALKS	LDKTFGKGTILRLGDK	.EVEQ	IDSIGTGSVGLD	LALGIGGVPRGR	59		
NTDB id 1211 C694 RS00795 WP 000963128.1	MAID	EDKQKATISLAIKQ	IDKVF	FGKGALVRLGDK	.QVEKID	ISTGSLGLD	LALGIGGVPRGR	61	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAID	EDKQKATISLAIKQ	IDKVF	FGKGALVRLGDK	.QVEKID	ISTGSLGLD	LALGIGGVPRGR	61	
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..	ETTSNPDDKK	KALAAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	IEVIPS	SGSLGLD	LALGVGGYPRGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..	VKQVEPEQKKQ	ALEAALAEQKQ	FGKGSIMKLQGT	.EQLD	IESVSTGSLGLD	LALGIGGLPMGR	76	
NTDB id 1130 NGFG RS03960 WP 003688695.1	MS	DDKSKALAAALAEQKQ	FGKGSIMKLQGT	.EQLD	IESVSTGSLGLD	LALGIGGLPMGR	60		
NTDB id 1124 NGFG RS03960 WP 003688695.1	MS	DDKSKALAAALAEQKQ	FGKGSIMKLQGT	.EQLD	IESVSTGSLGLD	LALGIGGLPMGR	60		
NTDB id 1123 OK783 RS03845 WP 003688695.1	MS	DDKSKALAAALAEQKQ	FGKGSIMKLQGT	.EQLD	IESVSTGSLGLD	LALGIGGLPMGR	60		
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....	K..KAASMSAEKQK	KALAAALAEQKQ	FGKGSIMKMGDA	.EVEPVQV	VSTGSLGLD	VALGVGGLPRGR	68	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MD	ENKQKALAAALGQ	IEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLD	TALGAGGLPMGR	59		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MD	ENKQKALAAALGQ	IEKQFGKGSIMRLGDN	.RAMDVET	ISTGSLSLD	TALGAGGLPMGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MD	DNKSKALQAALSQ	IEKQFGKNTVMRLGDN	.TVQAVEA	VSTGSLTLD	TALGIGGLPKGR	59		
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MD	ENKSKALQAALSQ	IEKQFGKNTVMRLGDN	.TVQAVEA	VSTGSLTLD	TALGIGGLPKGR	59		
NTDB id 1205 PSJM300 05545 AFN77183.1	MD	ENKKRALAAALGQ	IEKQFGKGAVMRMGDH	.DRQAIPS	ISTGSLGLD	TALGIGGLPKGR	59		
consensus	***	***	**	***	***	***	***	***	***

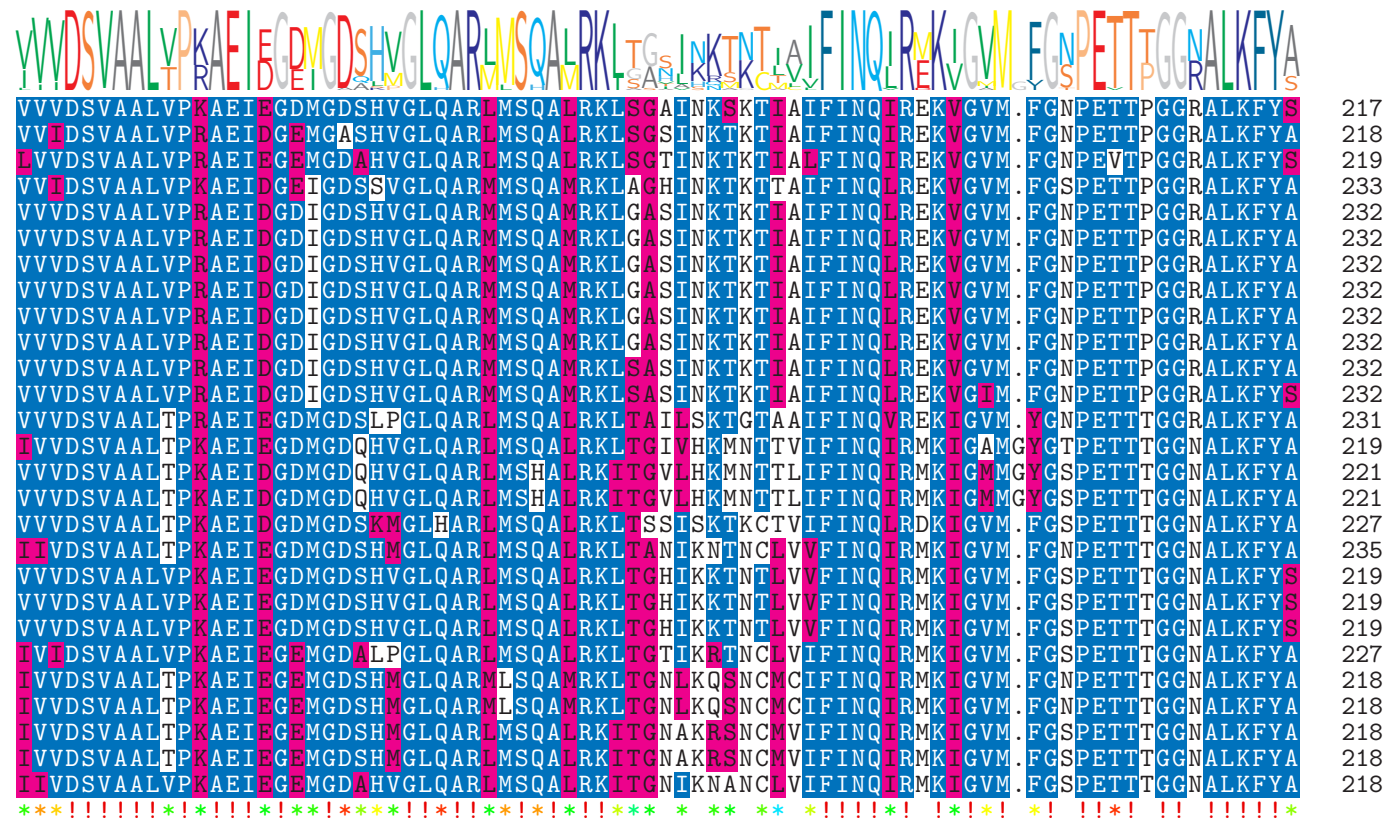
logo

NTDB id 115 BSU 16940 NP 389576.2	IIEVYGP	ESSGKTT	VALHAI	AEVQQ	GGQA	AFIDAE	HALDP	VYAQ	KLGVN	IEELL	SQPD	TGEQ	ALEIA	EALV	RS	GA	VDI	138						
NTDB id 96743 P0855 RS14795 WP 002354860.1	IIEVYGP	ESSGKTT	VS	LHAI	AEVQR	NGGTA	AFIDAE	HALDP	QYAE	KLGVN	IDELL	SQPD	TGEQ	GLEIA	DALV	SS	GA	TDI	139					
NTDB id 625 LCA RS02525 WP 011374196.1	IVEIYGP	ESSGKTT	VALHAVA	AEVQ	KG	GTAAY	IDAE	NA	MDPK	YAT	ALGVN	IDDL	LSQPD	TGEQ	GLEIA	DALV	SS	GA	VDI	140				
NTDB id 600 KW2 RS01765 WP 011675413.1	IVEIYGP	ESSGKTT	VALHAVA	AAVQ	KEGG	IAAF	IDAE	NA	LDPE	YAK	ALGVN	IDELL	SQPD	YGEQ	GLQIA	EKL	IT	SG	AVDL	154				
NTDB id 269 KZH43 RS08665 WP 001085462.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 228 SPD RS09265 WP 001085462.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 194 SPR RS08825 WP 001085462.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 159 SP RS09750 WP 001085462.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 499 SM12261 RS08315 WP 078228268.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153				
NTDB id 453 Spy49 1753c ACI62003.1	IIEIYGP	ESSGKTT	VALHAVA	AQAQ	KEGG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	LA	QPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153			
NTDB id 408 SMU RS09530 WP 002262392.1	IVEIYGP	ESSGKTT	VALHAVA	AQAQ	KD	GG	IAAF	IDAE	HALDP	PAYAA	ALGVN	IDELL	SQPD	S	G	EQGLEI	AGKL	ID	SG	AVDL	153			
NTDB id 1313 DR RS12030 WP 010888966.1	ITEIYGP	ESSGKTT	LALAI	VAQA	QKAG	GTCA	FI	DAE	HALDP	VYAR	ALGVN	TDELL	VSQPD	N	GEQ	ALEIM	ELL	V	RS	GA	TDV	152		
NTDB id 1245 Cj1673c YP 002345041.1	IIEIYGP	ESSGKTT	TLHI	IAEC	QKAG	GVCA	FI	DAE	HALDV	VYAK	NLGVN	TDL	YVSQPD	F	GEQ	ALEIV	ETI	A	R	S	GA	VDL	139	
NTDB id 1211 C694 RS00795 WP 000963128.1	IIEIYGP	ESSGKTT	LSLHI	IAEC	QKNG	GVCA	FI	DAE	HALDV	VYAK	RLGV	DTEN	LLVSQPD	T	GEQ	ALEILE	ETI	T	R	S	GG	IDL	141	
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IIEIYGP	ESSGKTT	LSLHI	IAEC	QKNG	GVCA	FI	DAE	HALDV	VYAK	RLGV	DTEN	LLVSQPD	T	GEQ	ALEILE	ETI	T	R	S	GG	IDL	141	
NTDB id 1334 RAOC RS04870 WP 004918236.1	IVEIYGP	ESSGKTT	TLHAI	IAEA	QKV	GGTA	AF	IDAE	HA	FDM	HYAE	KLGIN	LEEL	IVSQPD	N	GEQ	ALEIA	DSL	I	R	SG	GV	DI	148
NTDB id 1389 A4U84 RS07560 WP 021112712.1	IVEIYGP	ESSGKTT	TLSLI	IAQA	QKGN	KTC	AF	IDAE	HALDP	VYAR	NLGVN	TDELL	ISQPD	N	GEQ	ALEIC	DAL	V	R	S	GA	VDV	156	
NTDB id 1130 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LCLEA	VAQC	QKNG	GVCA	AFV	DAE	HA	FD	PVYAR	KLGV	KVEE	LYLSQPD	T	GEQ	ALEIC	DTL	V	R	S	GG	IDM	140
NTDB id 1124 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LCLEA	VAQC	QKNG	GVCA	AFV	DAE	HA	FD	PVYAR	KLGV	KVEE	LYLSQPD	T	GEQ	ALEIC	DTL	V	R	S	GG	IDM	140
NTDB id 1123 OK783 RS03845 WP 003688695.1	IVEIFGP	ESSGKTT	LCLEA	VAQC	QKNG	GVCA	AFV	DAE	HA	FD	PVYAR	KLGV	KVEE	LYLSQPD	T	GEQ	ALEIC	DTL	V	R	S	GG	IDM	140
NTDB id 1427 RS RS02760 WP 011000510.1	VVEIYGP	ESSGKTT	TLQV	VAEM	QKLG	GTCA	FI	DAE	HALDV	TYAD	KLGV	KVPD	LLISQPD	T	GEQ	ALEIA	DAL	V	R	S	G	S	VDL	148
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IVEIFGP	ESSGKTT	LTLEL	IAAA	QREG	KTC	AF	IDAE	HALDP	VYAK	KLGVN	IDELL	VSQPD	T	GEQ	ALEIC	DAL	A	R	S	GA	VDV	139	
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IVEIFGP	ESSGKTT	LTLEL	IAAA	QREG	KTC	AF	IDAE	HALDP	VYAK	KLGVN	IDELL	VSQPD	T	GEQ	ALEIC	DAL	A	R	S	GA	VDV	139	
NTDB id 1022 ACIAD RS06390 WP 004925639.1	IVEIYGP	ESSGKTT	MTLQAI	IAQC	QKAG	GTCA	FI	DAE	HALDP	QYAR	KLGV	DI	NLLVSQPD	H	GEQ	ALEIA	DML	V	R	S	GA	IDL	139	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IIEIYGP	ESSGKTT	MTLQAI	IAQC	QKSG	GTCA	FI	DAE	HALDP	QYAR	KLGV	DI	NLLVSQPD	N	GEQ	ALEIA	DML	V	R	S	GA	IDL	139	
NTDB id 1205 PSJM300 05545 AFN77183.1	IVEIYGP	ESSGKTT	LTLSV	IAAA	QRM	GSTC	AFV	DAE	HALDP	DYAG	KLGVN	VDDL	LLVSQPD	T	GEQ	ALEIT	DML	V	R	S	NA	VDV	139	
consensus	***!***!!!!*!!!!* ! ***! !* ** !***!!!!*!* !! !!*****!***!!!!*!!!!*!*! * ** !***!*																							

```

NTDB id 115 BSU 16940 NP 389576.2
NTDB id 96743 P0855 RS14795 WP 002354860.1
NTDB id 625 LCA RS02525 WP 011374196.1
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 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
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 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

```

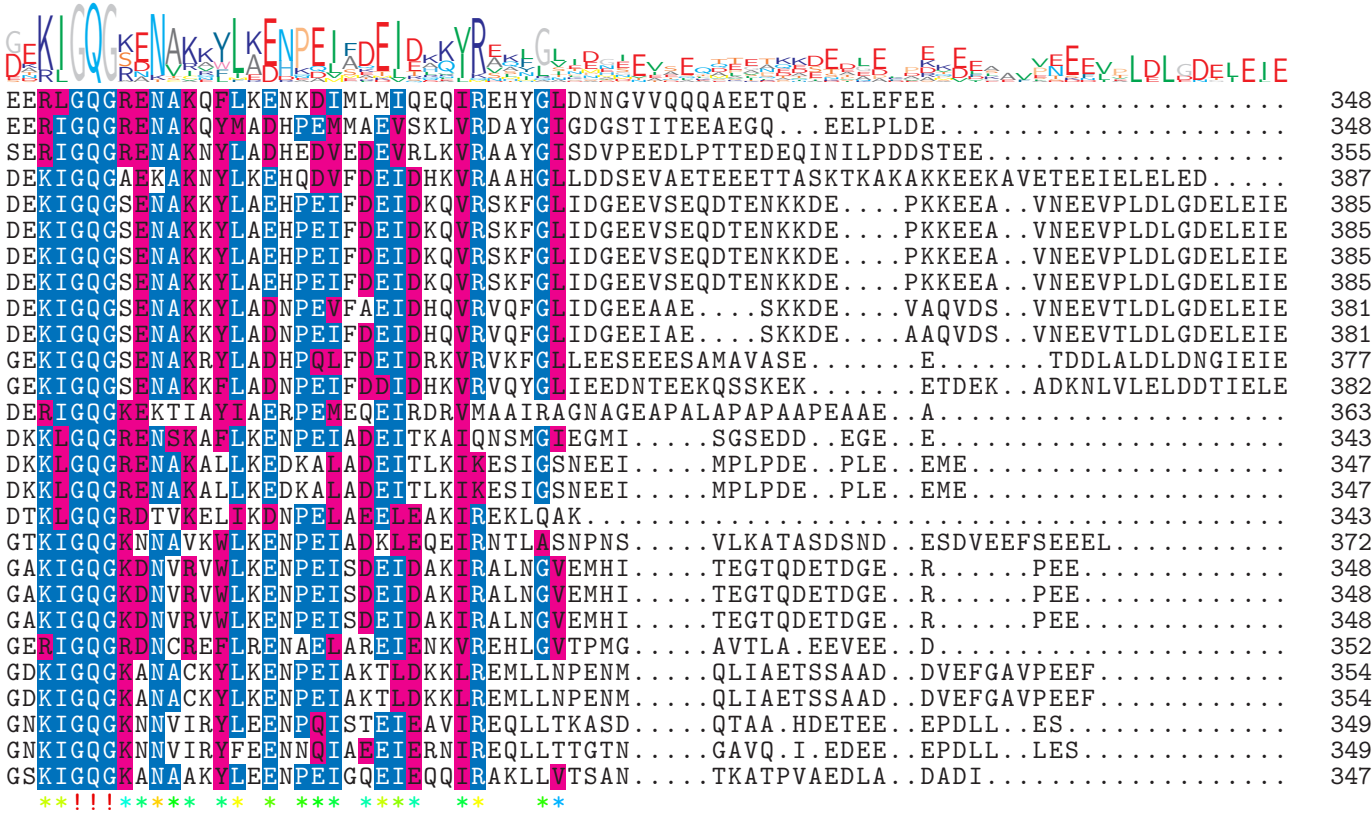


logo

NTDB id 115 BSU 16940 NP 389576.2	SVRLDVRRAEQLKQGN.....DVMGNKTKIKVVKNKVAPPFRTAEVDIMYGEGISKEGEIIDLGTELDIVQKSGSWYSYE	292
NTDB id 96743 P0855 RS14795 WP 002354860.1	TVRLEVRRRAEQLKQGT.....DIVGNRTKIKVVKNKVAPPFKVAEVDIMYGGGISQEGELDMAVEKDLISKSGAWYGYK	293
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRRAETIKNGT.....DMIGNRARIKVVKNKVAPPFKVAEVDIMYGGGISRTGELVDMAVEKDIINKSGSWYSYG	294
NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQIGKITKIKVVKNKVAPPFKVALVDIMFGEGISSTGELLNIAVEEGIIKKSGAWFAYN	312
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNVGKETKIKVVKNKVAPPFKEAVVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGSTQIKGTG.DQKDTNVGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGSTQIKGTG.DQKDTNVGKETKIKVVKNKVAPPFKEAFVEIMYGEGISKTGELLKIASDLDIKKKAGAWYSYK	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSSIGKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDLDIQKAGAWFSYN	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSNIGKETKIKVVKNKVAPPFKEAFVEIITYGEGISRTGELVKIASDLGIIQKAGAWYSYN	311
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ....PTKVGNDAAVANTVKIKTVKNKVAAPFKEVELALVYGKGFDQLSDLVGLAADMDIKKAGSFYSYG	307
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKIVAT....L.KQNEEPIGNRVKVVKNKVAPPFRQAEDVDMFGEGLSREGELIDYGVKLDIVDKSGAWFSYK	294
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRIDIRRIAS....L.KQNEQHIGNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEIIDYGVKLDIVDKSGAWLSYQ	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRIDIRRIAA....L.KQNEQHIGNRAKAKVVKNKVAPPFREAEFDIMFGEGISKEGEIIDYGVKLDIVDKSGAWLSYQ	296
NTDB id 1334 RAOC RS04870 WP 004918236.1	SVRIDIRRLSDTGKIKDKSGEVIGNRTKVVKNKVAPPFKSAEFDIMYGEGVSKVGEILDVATDLDIQKSGSWFSYQ	307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGDIEIGSETKVVKNKVAPPFREVQFDIMYGEGISRMNELLILAEANGFIKKSGAWFSYD	310
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEVVLGNETR.VKV.IKNKVAPPFRQAEDDILYEGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEVVLGNETR.VKV.IKNKVAPPFRQAEDDILYEGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRRTGS....I.KKGEVVLGNETR.VKV.IKNKVAPPFRQAEDDILYEGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRIGS....I.KKGEDEVGNETKVVKNKVAPPFREAIFDILYGAGVSREGEIIDLGVEAKVVEKSGAWYSYN	302
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA....I.KEGEEVVGNETRIKVVKNKIAAPFKEANTQIMYGGGFNREGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEEVVGNETRIKVVKNKIAAPFKEANTQIMYGGGFNREGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEIVGSETKVVKNKMAPPFREAIQFQILYGKGYNQLGELVDLAVQQNIVQKAGAWYSYQ	293
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEGDEIVGSETKVVKNKMAPPFKEAIFQILYGKGNTNLGELVDLAVQQDIVQKAGAWYSYQ	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEVVGSSETRVKVVKNKVAPPFRQAEDFQILYGKGIYRNGEIIDLGVQQGLVEKSGAWYAYK	293
consensus	*!!**!* * * * * !!*!!*!!* * * * * !!*!!*!!* * * * * !!*!!*!!* * * * * !!*!!*!!* * * * * !!*!!*!!*	

logo

NTDB id 115 BSU 16940 NP 389576.2
NTDB id 96743 P0855 RS14795 WP 002354860.1
NTDB id 625 LCA RS02525 WP 011374196.1
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 527 SMSK321 RS11065 WP 001085454.1
NTDB id 499 SM12261 RS08315 WP 078228268.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
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 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

		IEE	
NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 96743 P0855 RS14795 WP 002354860.1	...	348	
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	IEE	388	
NTDB id 228 SPD RS09265 WP 001085462.1	IEE	388	
NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388	
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388	
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384	
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384	
NTDB id 453 Spy49 1753c ACI62003.1	D..	378	
NTDB id 408 SMU RS09530 WP 002262392.1	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	
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			

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