

logo

NTDB id 115 BSU 16940 NP 389576.2	MSDRQAALDMALKQIEKQFGKCSIMKLCEK.TDTRISTVPSGSLALDTALGIGGYPRGR	58
NTDB id 1150982 K3T69 RS13615 WP 002287328.1	MADDRKAALDAALKKIEKSYGKCSIMKLCEK.IDQQISTIPSGSLALDVALGVGGYPRGR	59
NTDB id 625 LCA RS02525 WP 011374196.1	MAKDERQAALDAALKKIEKNFGKCSIMRMCEK.VDTQVSTVSSGSLALDEALGVGGYPRGR	60
NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGAERDKALADALALIEKDFGKCSIMRLCEA.ANQKVSVSSGSLALDTALCAGGYPRGR	74
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLDEISKKFGAEREKALNDALKLIEKDFGKCSIMRLCER.AEQKVQVMSSGSLALDTALCSGGYPKGR	73
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGDERRKALDDALKNIEKDFGKGAVMRLCER.AEQKVQVMSSGSLALDTALCAGGYPRGR	73
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTEEITKKFGDERKKALDDALKNIEKDFGKGAVMRLCER.AEQKVQVMSSGSLALDTALCAGGYPRGR	73
NTDB id 1313 DR RS12030 WP 01088966.1	MSKDATKEISAPTDAKERSKATETAMSQIEKAFGKCSIMKLGAE.SKLDVQVVSTGSLSLDLALGVGGTIPRGR	72
NTDB id 1245 Cj1673c YP 002345041.1	MDENKRRSLDAALKSLDKTFGKCTILRLCDK.EVEQIDSIGTGSVGLDLALCIGGVPRGR	59
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDISTGSLGLDLALCIGGVPRGR	61
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDEDKQKATSLATKQIDKVFVGKCALVRLCDK.QVEKIDISTGSLGLDLALCIGGVPRGR	61
NTDB id 1334 RA0C RS04870 WP 004918236.1	MAKT..ETTSPPNDKKKALAALVLEKLDKTYGKCTVMKLCGDTVVDHNIEVIPSLSLGLDLALGVGGYPKGR	68
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQKKQALEAALAQIEKQFGKCSIMKLGT.EQLDIESVSTGSLGLDLALCIGGLPMGR	76
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQEENLEVIISTGSLGLDLALCVGGLPGR	60
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQEENLEVIISTGSLGLDLALCVGGLPGR	60
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSDDKSKALAAALAQIEKSFGKGAIMKMDGSQQEENLEVIISTGSLGLDLALCVGGLPGR	60
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSAEKQKALAAALAQIEKQFGKCSIMKMGDA.EVEPVQVVSTGSLGLDVALGVGGLPGR	68
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDENKQKALAAALGQIEKQFGKCSIMRLCDN.RAMDVETISTGSLSLDLALCAGGLPMGR	59
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDENKQKALAAALGQIEKQFGKCSIMRLCDN.RAMDVETISTGSLSLDLALCAGGLPMGR	59
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDENKSKALQAALSQIEKQFGKNTVMRLCDN.TVQAVEAVSTGSLTLDIALCIGGLPKGR	59
NTDB id 1205 PSJM300 05545 AFN77183.1	MDENKKRALAAALGQIEKQFGKGAVMRMGDH.DRQAIPSTGSLGLDLALCIGGLPKGR	59
consensus	*** ** *	

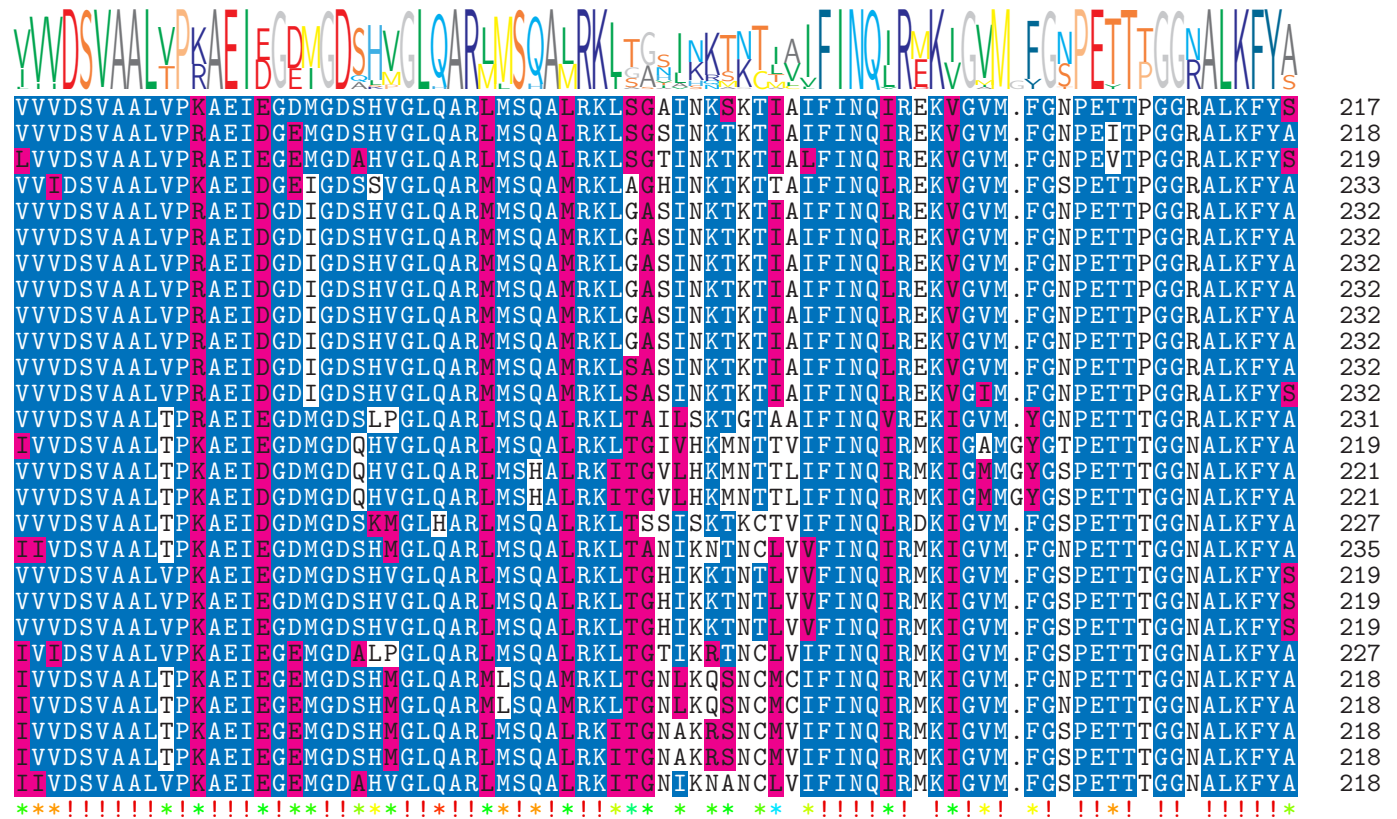
logo

NTDB id 115 BSU 16940 NP 389576.2	IIEIYGP	ESSGKTT	VALHATAEV	QQQGGQA	AFIDAEHALDP	VYAQK	LGVN	DELL	SQPD	GEQALE	ITAEAL	VRSGAVD	I	138			
NTDB id 1150982 K3T69 RS13615 WP 002287328.1	IIEIYGP	ESSGKTT	VALHATAEV	QKNNGGTAA	FIDAEHALDP	QYAQK	LGVN	DELL	SQPD	GEQGLE	ITADAL	VSSGAVD	I	139			
NTDB id 625 LCA RS02525 WP 011374196.1	IVEIYGP	ESSGKTT	VALHATAEV	QKGGTAA	YIDAENALDP	KPYAT	LGVN	DELL	SQPD	GEQGLE	ITADAL	VSSGAVD	I	140			
NTDB id 600 KW2 RS01765 WP 011675413.1	IVEIYGP	ESSGKTT	VALHATAAV	QKEGGIA	AFIDAEHALDP	EYAKA	LGVN	DELL	SQPD	YGEQGL	ITAEKL	ITS	GAVD	L	154		
NTDB id 269 KZH43 RS08665 WP 001085462.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 228 SPD RS09265 WP 001085462.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 194 SPR RS08825 WP 001085462.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 159 SP RS09750 WP 001085462.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 499 SM12261 RS08315 WP 078228268.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 453 Spy49 1753c ACI62003.1	IIEIYGP	ESSGKTT	VALHATAQA	QKEGGIA	AFIDAEHALDP	AYAAA	LGVN	DELL	APD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 408 SMU RS09530 WP 002262392.1	IVEIYGP	ESSGKTT	VALHATAQA	QKDGCI	AFIDAEHALDP	AYAAA	LGVN	DELL	SQPD	GEQGLE	ITAGKL	ID	SGAVD	L	153		
NTDB id 1313 DR RS12030 WP 010888966.1	IIEIYGP	ESSGKTT	LALATVAQA	QKAGGT	CAFIDAEHALDP	VYARAL	LGVN	DELL	SQPD	NGEQALE	ITMELL	VRSGA	ITD	V	152		
NTDB id 1245 Cj1673c YP 002345041.1	IIEIYGP	ESSGKTT	TLHIIAEC	QKAGGV	CAFIDAEHALD	VKYAKN	LGVN	TD	LY	SQPD	FGEQALE	IVETIAR	SGAVD	L	139		
NTDB id 1211 C694 RS00795 WP 000963128.1	IIEIYGP	ESSGKTT	LSLHIIAEC	QKNNGV	CAFIDAEHALD	VHYAKRL	LGVN	TD	NLL	SQPD	GEQALE	ILETITR	SGGID	L	141		
NTDB id 1214 NCTC11637 00359 SQJ03206.1	IIEIYGP	ESSGKTT	LSLHIIAEC	QKNNGV	CAFIDAEHALD	VHYAKRL	LGVN	TD	NLL	SQPD	GEQALE	ILETITR	SGGID	L	141		
NTDB id 1334 RA0C RS04870 WP 004918236.1	IVEIYGP	ESSGKTT	TLHATAEA	QKVGGTAA	FIDAEHALD	FMHYAEK	LC	IN	LEEL	IV	SQPD	NGEQALE	ITADSL	TRSGGVD	I	148	
NTDB id 1389 A4U84 RS07560 WP 021112712.1	IVEIYGP	ESSGKTT	TLSLIIAQA	QKGNKT	CAFIDAEHALDP	VYARN	LGVN	DELL	SQPD	NGEQALE	ITCDAL	VRSGAVD	V	156			
NTDB id 1130 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LLEAVAQ	QKNNGV	CAFVDAEHA	FD	PVYARK	LGVN	VEEL	YL	SQPD	GEQALE	ICD	TLVRSGGID	M	140	
NTDB id 1124 NGFG RS03960 WP 003688695.1	IVEIFGP	ESSGKTT	LLEAVAQ	QKNNGV	CAFVDAEHA	FD	PVYARK	LGVN	VEEL	YL	SQPD	GEQALE	ICD	TLVRSGGID	M	140	
NTDB id 1123 OK783 RS03845 WP 003688695.1	IVEIFGP	ESSGKTT	LLEAVAQ	QKNNGV	CAFVDAEHA	FD	PVYARK	LGVN	VEEL	YL	SQPD	GEQALE	ICD	TLVRSGGID	M	140	
NTDB id 1427 RS RS02760 WP 011000510.1	VVEIYGP	ESSGKTT	TLQVVAEM	QKLGGT	CAFIDAEHALD	VTYADK	LGVN	VP	DL	LL	SQPD	GEQALE	ITADAL	VRSGSVD	L	148	
NTDB id 1165 A1552VC RS01565 WP 000344154.1	IVEIFGP	ESSGKTT	TLLELIAAA	QREBK	TCAFIDAEHALDP	VYAKK	LGVN	DELL	SQPD	GEQALE	ITCDAL	ARSGAVD	V	139			
NTDB id 1142 GTF74 RS11550 WP 000344154.1	IVEIFGP	ESSGKTT	TLLELIAAA	QREBK	TCAFIDAEHALDP	VYAKK	LGVN	DELL	SQPD	GEQALE	ITCDAL	ARSGAVD	V	139			
NTDB id 1022 ACIAD RS06390 WP 004925639.1	IVEIYGP	ESSGKTT	MTLQATAQC	QKAGGT	CAFIDAEHALDP	QYARK	LGVN	TD	NLL	SQPD	HGEQALE	ITADML	VRSGA	ITD	L	139	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	IVEIYGP	ESSGKTT	MTLQATAQC	QKSGGT	CAFIDAEHALDP	QYARK	LGVN	TD	NLL	SQPD	NGEQALE	ITADML	VRSGA	ITD	L	139	
NTDB id 1205 PSJM300 05545 AFN77183.1	IVEIYGP	ESSGKTT	TLSTVIAAA	QRMGST	CAFVDAEHALDP	DYAGK	LGVN	VD	LL	SQPD	GEQALE	ITDML	VR	SN	AVD	V	139
consensus	***!***!!!!*!!!!*!	***!	!* **	!***!!!!*!* *!	!!	!!*****!***!!!!*!!!!*!*!	* **	!***!	***!	***!	***!	***!	***!	***!			

```

NTDB id 115 BSU 16940 NP 389576.2
NTDB id 1150982 K3T69 RS13615 WP 002287328.1
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

```

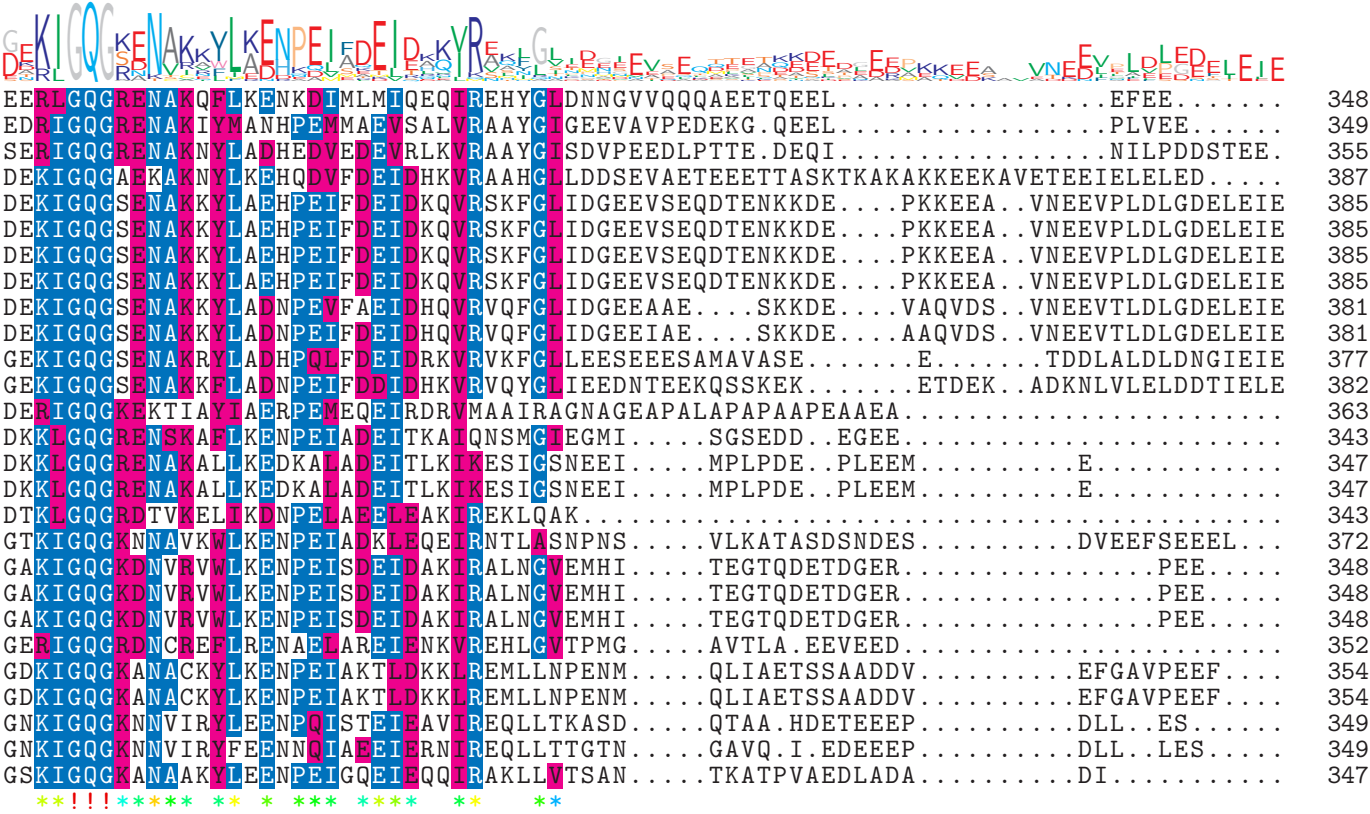


logo

NTDB id 115 BSU 16940 NP 389576.2	SVRLDVRRAEQLKQGN....DVM	GNKTKIKVVKNKVAPPFRTAEVDIMYGEGISKEGELIDLGTELDIVQKSGWYSYE	292
NTDB id 1150982 K3T69 RS13615 WP 002287328.1	TIRLEVRRRAEQLKQGT....DIV	GNRTKIKVVKNKVAPPFKIAEVDVMYGLGISQEGELIDMAVEKDIDVDKSGAWYSYK	293
NTDB id 625 LCA RS02525 WP 011374196.1	TVRLEVRRRAETIKNGT....DMIC	NRARIKVVKNKVAPPFKVAEVDIMYGGISSTGELIDMAVEKDIDNKSGSWYSYG	294
NTDB id 600 KW2 RS01765 WP 011675413.1	SVRLDVRGSTKIEEGS.GDNKTQI	CKITKIKVVKNKVAPPFKVALVDIMFEGEGISSTGELIDNIAVEEGIDKKSGAWFAYN	312
NTDB id 269 KZH43 RS08665 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 228 SPD RS09265 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 194 SPR RS08825 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 159 SP RS09750 WP 001085462.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 527 SMSK321 RS11065 WP 001085454.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 499 SM12261 RS08315 WP 078228268.1	SVRLDVRGNTQIKGTG.DQKETNV	GKETKIKVVKNKVAPPFKAEAVVEIMYGEGISKTGELLKIASDLDIHKKAGAWYSYK	311
NTDB id 453 Spy49 1753c ACI62003.1	SVRLDVRGTTQIKGTG.DQKDSST	GKETKIKVVKNKVAPPFKVAEVEIMYGEGISRTGELVKIASDLDIHKKAGAWFSYN	311
NTDB id 408 SMU RS09530 WP 002262392.1	SVRLDVRGNTQIKGTG.EQKDSNI	GKETKIKVVKNKVAPPFKAEFVEITYGEGISRTGELVKIASDLDIHKKAGAWFSYN	311
NTDB id 1313 DR RS12030 WP 010888966.1	SVRLDVRKIGQ....PTKVGND	AVANTVKIKIKVVKNKVAAPFKEVELALVYCKGFDQLSDLVGLAADMDIHKKACSFYSYG	307
NTDB id 1245 Cj1673c YP 002345041.1	SVRLDVRKVAT....L.KQNEEP	ICNRVKIKVVKNKVAPPFRAEFDMFEGEGISKEGELIDYGVKLDIDVDKSGAWFSYK	294
NTDB id 1211 C694 RS00795 WP 000963128.1	SVRLDIRRIAS....L.KQNEQHI	CNRAKIKVVKNKVAPPFRAEAFDIMFEGEGISKEGELIDYGVKLDIDVDKSGAWLSYQ	296
NTDB id 1214 NCTC11637 00359 SQJ03206.1	SVRLDIRRIAA....L.KQNEQHI	CNRAKIKVVKNKVAPPFRAEAFDIMFEGEGISKEGELIDYGVKLDIDVDKSGAWLSYQ	296
NTDB id 1334 RA0C RS04870 WP 004918236.1	SVRLDIRRSLSDTGKIKDKSGEVI	CNRTKIKVVKNKVAPPFKSAEFDIMYGEGVSKVGEILDVATDLDIHKKSGWFSYQ	307
NTDB id 1389 A4U84 RS07560 WP 021112712.1	SVRLDIRRCGV....V.KDGD	EITGSETKIKVVKNKVAPPFREVQFDIMYGEGISRMNELILAEANGFIKKSGAWFSYD	310
NTDB id 1130 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEEVL	CNETRVKVIKNKVAPPFRAEFDILYGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1124 NGFG RS03960 WP 003688695.1	SVRLDIRRTGS....I.KKGEEVL	CNETRVKVIKNKVAPPFRAEFDILYGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1123 OK783 RS03845 WP 003688695.1	SVRLDIRRTGS....I.KKGEEVL	CNETRVKVIKNKVAPPFRAEFDILYGEGISWEGELIDIGVKNDIINKSGAWYSYN	294
NTDB id 1427 RS RS02760 WP 011000510.1	SVRLDIRRIGS....I.KKGEEVL	CNETRVKVVKNKVAPPFRAEFDILYGAQVSRGEGELIDLGVEAKVVEKSGAWYSYN	302
NTDB id 1165 A1552VC RS01565 WP 000344154.1	SVRLDIRRTGA....I.KEGEEVL	CNETRIKVVKNKIAAPFKEANTQIMYCGCFNRGEGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1142 GTF74 RS11550 WP 000344154.1	SVRLDIRRTGA....I.KEGEEVL	CNETRIKVVKNKIAAPFKEANTQIMYCGCFNRGEGELIDLGVKHKMVEKSGAWYSYN	293
NTDB id 1022 ACIAD RS06390 WP 004925639.1	SVRLDIRRIGQ....V.KEGDEIV	GSETKIKVVKNKMAPPFRAEAFQILYCKGVNQLGELVDLAVQQNDIVQKAGAWYSYQ	293
NTDB id 1074 ABD1 RS10195 WP 000344167.1	SVRLDIRRIGQ....V.KEGDEIV	GSETKIKVVKNKMAPPFKEAIFQILYCKGCTNQLGELVDLAVQQNDIVQKAGAWYSYQ	293
NTDB id 1205 PSJM300 05545 AFN77183.1	SVRLDIRRTGA....V.KEGDEIV	GSETRVKVVKNKVAPPFRAEAFQILYCKGCTNQLGELVDLAVQQNDIVQKAGAWIAYK	293
consensus	**!* **!* *	* ** * ** * ! * ! ! ! * ! ! ! * *	* ** * ! * ! * * * * * * * * * * * ! ! ! * * ! ! * * ! !

logo

NTDB id 115 BSU 16940 NP 389576.2
NTDB id 1150982 K3T69 RS13615 WP 002287328.1
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

		LEE	
NTDB id 115 BSU 16940 NP 389576.2	...	348	
NTDB id 1150982 K3T69 RS13615 WP 002287328.1	...	349	
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 RA0C 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