

logo



NTDB id 600	KW2	RS01765	WP 011675413.1	FAYNDEKIGQGA	EKAKNYLKEHQDV	FEIDHKVRAAHG	LDDSEVAETEET	TASKTKAKAKKEE	KAVETEEIELE	LED.	387	
NTDB id 269	KZH43	RS08665	WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHPEI	FDEIDKQVRSKF	GLIDGEEVSEQD	TENKKDE...	PKKEEA..VNEE	VPLDLGDE	381	
NTDB id 228	SPD	RS09265	WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHPEI	FDEIDKQVRSKF	GLIDGEEVSEQD	TENKKDE...	PKKEEA..VNEE	VPLDLGDE	381	
NTDB id 194	SPR	RS08825	WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHPEI	FDEIDKQVRSKF	GLIDGEEVSEQD	TENKKDE...	PKKEEA..VNEE	VPLDLGDE	381	
NTDB id 159	SP	RS09750	WP 001085462.1	YSYKDEKIGQGS	ENAKKYLAEHPEI	FDEIDKQVRSKF	GLIDGEEVSEQD	TENKKDE...	PKKEEA..VNEE	VPLDLGDE	381	
NTDB id 499	SM12261	RS08315	WP 078228268.1	YSYKDEKIGQGS	ENAKKYLADNPEI	FDEIDHQVVRVQ	FGLIDGEEIIAES	...KKDE...	AAQVDS..VNEE	VTLDLGDE	377	
NTDB id 527	SMSK321	RS11065	WP 001085454.1	YSYKDEKIGQGS	ENAKKYLADNPEV	FAEIDHQVVRVQ	FGLIDGEEAAES	...KKDE...	VAQVDS..VNEE	VTLDLGDE	377	
NTDB id 453	Spy49	1753c	ACI62003.1	FSYNGEKIGQGS	ENAKRYLADHPQL	FDEIDRKRVRVK	FGLLEESEEEES	AMAVASE.....	E.....TDDL	LALDLNNG	373	
NTDB id 408	SMU	RS09530	WP 002262392.1	FSYNGEKIGQGS	ENAKKFLADNPEI	DDIDHKVRVQY	GLEEDNTEEKQ	SSKEK.....	ETDEK..ADKN	LVLELDDT	378	
NTDB id 115	BSU	16940	NP 389576.2	YSYEEEE	RLGQGRENAKQ	FLKENKDIMLMI	QEQIREHYGL	DNNGVVQQAE	ETQEEL.EFE.	E.....	348	
NTDB id 625	LCA	RS02525	WP 011374196.1	YSYGSERIGQGR	ENAKNYLADHED	VEDEVRLKVR	AAAYGISDVP	PEEDLPTTE	DE.QI.NILP	DDST.....	EE.....	355
NTDB id 1313	DR	RS12030	WP 010888966.1	YSYGDERIGQG	KEKTIAYIAER	PEMEQEIRDR	VMAAIRAGN	AGEAPALAP	APAAPEAAE..	A.....	363	
NTDB id 73707	FME98	RS00035	WP 018697188.1	FSYGDRKIGQGR	DAVKELLNDDG	LRNEIEAKV	REAMKAPKQ	.....	.....	.....	337
NTDB id 1334	RAOC	RS04870	WP 004918236.1	FSYQDTKLGQGR	DTVKELIKDN	PELAEELEAKI	REKLQAK	.....	.....	.....	343
NTDB id 1245	Cj1673c	YP 002345041.1		FSYKDKKLGQGR	ENSKAFLKEN	PEIAD EITKA	IQNSMGT	EGMI.....	SGSEDDE..	GE..E.....	343	
NTDB id 1214	NCTC11637	00359	SQJ03206.1	LSYQDKKLGQGR	ENAKALLKED	KALADEITLK	IKESIGSNEE	I.....	MPLPDEP..	LE..EME.....	347	
NTDB id 1211	C694	RS00795	WP 000963128.1	LSYQDKKLGQGR	ENAKALLKED	KALADEITLK	IKESIGSNEE	I.....	MPLPDEP..	LE..EME.....	347	
NTDB id 1389	A4U84	RS07560	WP 021112712.1	FSYDGTKIGQGN	NAVVKWLKEN	PEIADKLEQE	IRNTLASNP	NS.....	VLKATASDS	ND..ESDV	EEFSEEEL.....	372
NTDB id 1130	NGFG	RS03960	WP 003688695.1	YSYNGAKIGQK	DNVRVWLKEN	PEISDEIDAK	IRALNGVEM	HI.....	TEGTQDET	DGE..R.....	PEE.....	348
NTDB id 1124	NGFG	RS03960	WP 003688695.1	YSYNGAKIGQK	DNVRVWLKEN	PEISDEIDAK	IRALNGVEM	HI.....	TEGTQDET	DGE..R.....	PEE.....	348
NTDB id 1123	OK783	RS03845	WP 003688695.1	YSYNGAKIGQK	DNVRVWLKEN	PEISDEIDAK	IRALNGVEM	HI.....	TEGTQDET	DGE..R.....	PEE.....	348
NTDB id 1427	RS	RS02760	WP 011000510.1	YSYNGERIGQGR	DNCREFLRENA	EELAREIENK	VREHLGV	TPMG....	AVTLA.EEVEE	..D.....	352	
NTDB id 1165	A1552VC	RS01565	WP 000344154.1	YSYNGDKIGQK	KANACKY LKEN	PEIAKTLDKK	LREMLLN	PENM....	QLIAETSSA	AD..DVEFG	AVPEEF.....	354
NTDB id 1142	GTF74	RS11550	WP 000344154.1	YSYNGDKIGQK	KANACKY LKEN	PEIAKTLDKK	LREMLLN	PENM....	QLIAETSSA	AD..DVEFG	AVPEEF.....	354
NTDB id 1022	ACIAD	RS06390	WP 004925639.1	YSYQGNKIGQK	NNVIRYLEEN	PQISTEIEAV	IREQLLTK	ASD....	QTAA.HDETEE	..EPDLL..	ES.....	349
NTDB id 1074	ABD1	RS10195	WP 000344167.1	YSYQGNKIGQK	NNVIRYFEEN	NQIAEEIERN	IREQLLTT	GTN....	GAVQ.I.EDEE	..EPDLL..	LES.....	349
NTDB id 1205	PSJM300	05545	AFN77183.1	YAYKGSKIGQK	KANAAYLEEN	PEIGQEIEQQ	IRAKLLV	TSAN....	TKATPVAED	LA..DADI	347
consensus				**!	**!!!*****	** * ***	****	**	**			

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	LEIEIEE	
NTDB id 600 KW2 RS01765 WP 011675413.1	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	LEIEIEE	388
NTDB id 228 SPD RS09265 WP 001085462.1	LEIEIEE	388
NTDB id 194 SPR RS08825 WP 001085462.1	LEIEIEE	388
NTDB id 159 SP RS09750 WP 001085462.1	LEIEIEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	LEIEIEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	LEIEIEE	384
NTDB id 453 Spy49 1753c ACI62003.1	IEIED..	378
NTDB id 408 SMU RS09530 WP 002262392.1	IELED..	383
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 73707 FME98 RS00035 WP 018697188.1	.....	337
NTDB id 1334 RAOC RS04870 WP 004918236.1	.....	343
NTDB id 1245 Cj1673c YP 002345041.1	.....	343
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.....	347
NTDB id 1211 C694 RS00795 WP 000963128.1	.....	347
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