

logo



NTDB id 1313 DR RS12030 WP 010888966.1	RIGQGK	EKTIAY	IAERPE	MEQEIR	DRVMAA	IRAGNAGE	APALAP	PAPAA	.....	PEAAEA	.....	363		
NTDB id 600 KW2 RS01765 WP 011675413.1	KIGQGA	EAKXNY	LKEHQD	VFDEID	HKVRAA	HGLDD	SEVAETE	EEETT	ASKTKA	KAKKKEE	KAVETEE	IELELED	.....	387
NTDB id 269 KZH43 RS08665 WP 001085462.1	KIGQGS	ENAKKYL	AEHPEI	FDEIDK	QVRSKF	GLIDG	EEVSEQ	D TENKK	DE....	PKKEEA	..VNEE	VPLDLG	DELEIEIE	387	
NTDB id 228 SPD RS09265 WP 001085462.1	KIGQGS	ENAKKYL	AEHPEI	FDEIDK	QVRSKF	GLIDG	EEVSEQ	D TENKK	DE....	PKKEEA	..VNEE	VPLDLG	DELEIEIE	387	
NTDB id 194 SPR RS08825 WP 001085462.1	KIGQGS	ENAKKYL	AEHPEI	FDEIDK	QVRSKF	GLIDG	EEVSEQ	D TENKK	DE....	PKKEEA	..VNEE	VPLDLG	DELEIEIE	387	
NTDB id 159 SP RS09750 WP 001085462.1	KIGQGS	ENAKKYL	AEHPEI	FDEIDK	QVRSKF	GLIDG	EEVSEQ	D TENKK	DE....	PKKEEA	..VNEE	VPLDLG	DELEIEIE	387	
NTDB id 499 SM12261 RS08315 WP 078228268.1	KIGQGS	ENAKKYL	ADNPEI	FDEIDH	QVRVQF	GLIDG	EEIAES	KKDE	AAQVDS	..VNEE	VTLDLG	DELEIEIE	383
NTDB id 527 SMSK321 RS11065 WP 001085454.1	KIGQGS	ENAKKYL	ADNPEV	FAEIDH	QVRVQF	GLIDG	EEAAES	KKDE	VAQVDS	..VNEE	VTLDLG	DELEIEIE	383
NTDB id 408 SMU RS09530 WP 002262392.1	KIGQGS	ENAKKFL	ADNPEI	FDDIDH	KVRVQY	GLIEE	DNTEEK	QSSKEK	.....	ETDEK	..ADKN	LVLLEL	DDTIELED	383
NTDB id 453 Spy49 1753c ACI62003.1	KIGQGS	ENAKRYL	ADHPQL	FDEIDR	KVRVKF	GLLEE	SEESAM	AVASE	.....	E.....	TDDL	ALDL	DNNGIEID	378
NTDB id 1001908 ABDB91 RS07030 WP 347490908.1	RLGQGR	ENVKEL	LKERLE	LAELEI	IAVRQK	VGLP	VPGQQA	QTAVD	GATKV	.D.....	.....	.....	.....	346
NTDB id 115 BSU 16940 NP 389576.2	RLGQGR	ENAKQL	FKENKD	IMLMI	QEQIRE	HYGL	DNNGV	VQQAE	ETQE	EL.EFE	.E.....	.....	.....	348
NTDB id 625 LCA RS02525 WP 011374196.1	RIGQGR	ENAKNYL	ADHEDV	EVRLK	VRAAY	GISD	VPEED	LPTTE	DE.QI	.NILP	DDST	.....	EE.....	355
NTDB id 1245 Cj1673c YP 002345041.1	KLGGGR	ENSKAFL	KENPEI	ADEITK	AIQNSM	GIEG	MISGSE	DD..	EGEE	.....	.....	.....	.....	343
NTDB id 1211 C694 RS00795 WP 000963128.1	KLGGGR	ENAKALL	KEDKAL	ADEITL	KIKESI	GSN	EEIMPL	PDE..	PLEEM	.E.....	.....	.....	.....	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	KLGGGR	ENAKALL	KEDKAL	ADEITL	KIKESI	GSN	EEIMPL	PDE..	PLEEM	.E.....	.....	.....	.....	347
NTDB id 1334 RAOC RS04870 WP 004918236.1	KLGGGR	DTVKEL	TKDNPE	LAELEA	KIREKL	QAK.....	.....	.....	.....	.....	.....	.....	.....	343
NTDB id 1389 A4U84 RS07560 WP 021112712.1	KIGQGX	NNAVKWL	KENPEI	ADKLEQ	EIRNTL	ASN	PNSVL	KATAS	DSNDE	S.DV	EEFSE	.....	EEL.....	372
NTDB id 1130 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWL	KENPEI	SDEID	AKIRAL	NGV	EMHITE	GTQDET	DGER	.....	PE.....	E.....	.....	348
NTDB id 1124 NGFG RS03960 WP 003688695.1	KIGQGD	NVRVWL	KENPEI	SDEID	AKIRAL	NGV	EMHITE	GTQDET	DGER	.....	PE.....	E.....	.....	348
NTDB id 1123 OK783 RS03845 WP 003688695.1	KIGQGD	NVRVWL	KENPEI	SDEID	AKIRAL	NGV	EMHITE	GTQDET	DGER	.....	PE.....	E.....	.....	348
NTDB id 1427 RS RS02760 WP 011000510.1	RIGQGR	DNCREFL	RENAEL	AREIEN	KVREHL	GVTP	MGAVTL	A.EE	VEED	.....	.....	.....	.....	352
NTDB id 1165 A1552VC RS01565 WP 000344154.1	KIGQGX	ANACKYL	KENPEI	AKTLD	KKLRE	MLLN	PNEMQ	LIAET	SSAADD	V.EF	GAVPE	.....	EF.....	354
NTDB id 1142 GTF74 RS11550 WP 000344154.1	KIGQGX	ANACKYL	KENPEI	AKTLD	KKLRE	MLLN	PNEMQ	LIAET	SSAADD	V.EF	GAVPE	.....	EF.....	354
NTDB id 1022 ACIAD RS06390 WP 004925639.1	KIGQGX	NNVIRY	LEENP	QISTE	IEAVI	REQL	LTKASD	QTAA	.HDE	TEEP	.DLL..	ES.....	.....	349
NTDB id 1074 ABD1 RS10195 WP 000344167.1	KIGQGX	NNVIRY	FEENN	QIAE	EIERN	IREQ	LLTTG	TNGAV	Q.I	.EDEE	P.DLL..	LE.....	S.....	349	
NTDB id 1205 PSJM300 05545 AFN77183.1	KIGQGX	ANAAKYL	LEENPE	IGQE	IEQQI	RAKLL	VTSAN	TKATP	VAED	LADA	.DI.....	347	
consensus	**!!!	*****	** *	***	*****	** *	*				*				

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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
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NTDB id 453 Spy49 1753c ACI62003.1	.	378
NTDB id 1001908 ABDB91 RS07030 WP 347490908.1	.	346
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NTDB id 1211 C694 RS00795 WP 000963128.1	.	347
NTDB id 1214 NCTC11637 00359 SQJ03206.1	.	347
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NTDB id 1389 A4U84 RS07560 WP 021112712.1	.	372
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NTDB id 1142 GTF74 RS11550 WP 000344154.1	.	354
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NTDB id 1074 ABD1 RS10195 WP 000344167.1	.	349
NTDB id 1205 PSJM300 05545 AFN77183.1	.	347

consensus

non conserved
 similar
 $\geq 50\%$ conserved