

logo

NTDB id 600 KW2 RS01765 WP 011675413.1	MATK.....KKTNFDDITKKYGA	ERDKALADALALIEKD	FGKGSIMRLGEA	.ANQKVS	VSSGSLALD	I	ALGAGGY	PKGR	74					
NTDB id 269 KZH43 RS08665 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 228 SPD RS09265 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 194 SPR RS08825 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 159 SP RS09750 WP 001085462.1	.MAK.....KPKKLEEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 499 SM12261 RS08315 WP 078228268.1	.MAK.....KPKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 527 SMSK321 RS11065 WP 001085454.1	.MAK.....KPKKLDEISKKFGA	EREKALNDALKLIEKD	FGKGSIMRLGER	.AEQKVQV	MSSGSLALD	I	ALGSGGY	PKGR	73					
NTDB id 453 Spy49 1753c ACI62003.1	.MAK.....KLKKNEEITKKFGD	ERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQV	MSSGSLALD	I	ALGAGGY	PKGR	73					
NTDB id 408 SMU RS09530 WP 002262392.1	.MAK.....RIKKTEEITKKFGD	ERRKALDDALKNIEKD	FGKGAVMRLGER	.AEQKVQV	MSSGSLALD	I	ALGAGGY	PKGR	73					
NTDB id 625 LCA RS02525 WP 011374196.1	MAKD	ERQAALDAALKKIEKN	FGKGSIMRMGEK	.VDTQVST	VSSGSLALDE	A	LGVGGY	PRGR	60					
NTDB id 281920 C9J78 RS00050 WP 000368166.1	MDN	DRQKALDTV	IKNMEKS	SFGKGAVMKL	GDN	.IGRRVSTT	TG	SVTL	DNALGVGGY	PKGR	59			
NTDB id 115 BSU 16940 NP 389576.2	MS	DRQAALDMALK	QIEKQ	FGKGSIMKL	GEK	.TDTRIST	VP	SGSLALD	TALGIGGY	PRGR	58			
NTDB id 1313 DR RS12030 WP 010888966.1	MSKDATKEISAPTD	AKERSKAT	IETAMS	QIEKA	FGKGSIMKL	GA	.SKLDVQV	VSTG	SLSLD	ALGVGGI	PRGR	72		
NTDB id 1245 Cj1673c YP 002345041.1	MDDN	KRKSLDAALKS	LDKTFGKG	TILRLGDK	.EVEQIDS	IGT	GSVGLD	ALGIGGV	PKGR	59				
NTDB id 1211 C694 RS00795 WP 000963128.1	MAIDE	DKQKATISLA	IKQIDKV	FGKGALVRLGDK	.QVEKIDS	IST	GSLGLD	ALGIGGV	PKGR	61				
NTDB id 1214 NCTC11637 00359 SQJ03206.1	MAIDE	DKQKATISLA	IKQIDKV	FGKGALVRLGDK	.QVEKIDA	IST	GSLGLD	ALGIGGV	PKGR	61				
NTDB id 1334 RAOC RS04870 WP 004918236.1	MAKT..ETTSPND	DKKKALA	AAVLEKLDKT	YGKGTVMKLG	DGTVDHNI	EV	IP	SGSLGLD	ALGVGGY	PKGR	68			
NTDB id 1389 A4U84 RS07560 WP 021112712.1	.MAENKKSSKNNTV..VKQVEPEQ	KKQALEAALA	QIEKQ	FGKGSIMKL	QGT	.EQLDIES	VSTG	SLGLD	ALGIGGL	PMGR	76			
NTDB id 1130 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALA	QIEKS	SFGKGAIMKMDGS	QREEN	LEV	IST	GSLGLD	ALGVGGL	PRGR	60			
NTDB id 1124 NGFG RS03960 WP 003688695.1	MSD	DKSKALAAALA	QIEKS	SFGKGAIMKMDGS	QREEN	LEV	IST	GSLGLD	ALGVGGL	PRGR	60			
NTDB id 1123 OK783 RS03845 WP 003688695.1	MSD	DKSKALAAALA	QIEKS	SFGKGAIMKMDGS	QREEN	LEV	IST	GSLGLD	ALGVGGL	PRGR	60			
NTDB id 1427 RS RS02760 WP 011000510.1	.MEDG.....K..KAASMSA	EKQKALAAALA	QIEKQ	FGKGSIMKM	GDA	.EVEPVQV	VSTG	SLGLD	VALGVGGL	PRGR	68			
NTDB id 1165 A1552VC RS01565 WP 000344154.1	MDEN	KQKALAAALG	QIEKQ	FGKGSIMRL	GDN	.RAMDVET	IST	GSLSLD	I	ALGAGGL	PMGR	59		
NTDB id 1142 GTF74 RS11550 WP 000344154.1	MDEN	KQKALAAALG	QIEKQ	FGKGSIMRL	GDN	.RAMDVET	IST	GSLSLD	I	ALGAGGL	PMGR	59		
NTDB id 1022 ACIAD RS06390 WP 004925639.1	MDDN	KSKALQAALS	QIEKQ	FGKNTVMRL	GDN	.TVQAVEA	VSTG	SLTL	D	I	ALGIGGL	PKGR	59	
NTDB id 1074 ABD1 RS10195 WP 000344167.1	MDEN	KSKALQAALS	QIEKQ	FGKNTVMRL	GDN	.TVQAVEA	VSTG	SLTL	D	I	ALGIGGL	PKGR	59	
NTDB id 1205 PSJM300 05545 AFN77183.1	MDEN	KKRALAAALG	QIEKQ	FGKGAVMR	MDH	.DRQAIPS	IST	GSLGLD	I	ALGIGGL	PKGR	59		
consensus		***	***	*	***!	***!	*****	*	***!	***!	***!	***!	***!	***!

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NTDB id 159 SP RS09750 WP 001085462.1
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NTDB id 527 SMSK321 RS11065 WP 001085454.1
NTDB id 453 Spy49 1753c ACI62003.1
NTDB id 408 SMU RS09530 WP 002262392.1
NTDB id 625 LCA RS02525 WP 011374196.1
NTDB id 281920 C9J78 RS00050 WP 000368166.1
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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
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NTDB id 1022 ACIAD RS06390 WP 004925639.1
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NTDB id 1074 ABD1 RS10195 WP 000344167.1
NTDB id 1205 PSJM300 05545 AFN77183.1
consensus



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NTDB id 600 KW2 RS01765 WP 011675413.1	...	387
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NTDB id 194 SPR RS08825 WP 001085462.1	IEE	388
NTDB id 159 SP RS09750 WP 001085462.1	IEE	388
NTDB id 499 SM12261 RS08315 WP 078228268.1	IEE	384
NTDB id 527 SMSK321 RS11065 WP 001085454.1	IEE	384
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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
 ≥ 50% conserved