

logo

NTDB id 1159	ABDM36	RS04765	WP 001166105.1	MSRGGATPYRFL	IRHIVARCG	LLFATLKGK	31
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	MSRGGATPYRFL	IRHIVARCG	LLFATLKGK	31
NTDB id 1395	DSB67	RS04445	WP 010649155.1	MSRGGATPYRFL	IRHIVARCG	LLFATLKGK	31
NTDB id 1294	VP	RS04495	WP 021449594.1	MSRGGATPYRFL	IRHIVARCG	LLFATLKGK	31
NTDB id 1362	HI 1008	AAC22669.1					
NTDB id 1382	A4U84	RS07375	WP 062924234.1				
NTDB id 595	KW2	RS08725	WP 021037687.1				
NTDB id 521	SMSK321	RS04960	WP 000443804.1				
NTDB id 493	SM12261	RS04300	WP 000387351.1				
NTDB id 153	SP	RS04730	WP 000387344.1				
NTDB id 263	KZH43	RS04195	WP 000387330.1				
NTDB id 222	SPD	RS04535	WP 000387330.1				
NTDB id 188	SPR	RS04295	WP 000387330.1				
NTDB id 36	MW	RS08230	WP 001793467.1				
NTDB id 20	SA	RS08005	WP 001802022.1				
NTDB id 105	BSU 25590	NP 390437.1					
NTDB id 1069	ABD1	RS03060	WP 043960841.1				
NTDB id 1014	ACIAD	RS13855	WP 004924483.1				
NTDB id 117277	BD29	RS00050	WP 002866798.1				
NTDB id 1242	Cj0011c	YP 002343483.1					
NTDB id 1127	NGFG	RS10560	WP 003703428.1				
NTDB id 1126	NGFG	RS09375	WP 003703428.1				
NTDB id 1125	NGFG	RS07215	WP 003703428.1				
NTDB id 1108	NGFG	RS06525	WP 003703428.1				
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NTDB id 1159	ABDM36	RS04765	WP 001166105.1	VSKFNSSSSEKNKNEIMVDLKGAVAKPN	VYQISSDERLVDLIRQAGGFTDQ	ADQKSINLSAKLKDEEVIYVPKVGESSSS	134
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	DVKKEEKEEPVEQDLITVDVKGAV	KSPGIYDLSVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAS	138
NTDB id 1395	DSB67	RS04445	WP 010649155.1	EVKKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAAS	138
NTDB id 1294	VP	RS04495	WP 021449594.1	EVKKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 1362	HI 1008	AAC22669.1		EVNKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 1382	A4U84	RS07375	WP 062924234.1	EVNKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 595	KW2	RS08725	WP 021037687.1	EVNKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 521	SMSK321	RS04960	WP 000443804.1	EVNKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 493	SM12261	RS04300	WP 000387351.1	EVNKEEKEEPLEQDLITVDVKGAV	KSPGIYDLPVGSRVNDAVQKAGGLTEQ	ADSKSLNLAQKVSDEALVYVPTKGEEAVS	138
NTDB id 153	SP	RS04730	WP 000387344.1	DVQVKDGDNSKNKGPVYVDVKGAV	KHPNVYKMTSKDRVVDLLDKA	QLLEDADVQSINLSEKLTQDKMIFIPHKGGQKNVE	148
NTDB id 263	KZH43	RS04195	WP 000387330.1	DVQVKDGDNSKNKGPVYVDVKGAV	KHPNVYKMTSKDRVVDLLDKA	QLLEDADVSRINLSEKLTQDKMIFIPHKGGQKNVE	148
NTDB id 222	SPD	RS04535	WP 000387330.1	TVVKQEANNDESNETIVIDIKGAVQHPG	VYEMRTGDRVSDAIEKAGGTSEQ	ADEAQVNLAELIQDGTVVYIPKKGGEETAV	126
NTDB id 188	SPR	RS04295	WP 000387330.1				
NTDB id 36	MW	RS08230	WP 001793467.1				
NTDB id 20	SA	RS08005	WP 001802022.1				
NTDB id 105	BSU 25590	NP 390437.1					
NTDB id 1069	ABD1	RS03060	WP 043960841.1				
NTDB id 1014	ACIAD	RS13855	WP 004924483.1				
NTDB id 117277	BD29	RS00050	WP 002866798.1				
NTDB id 1242	Cj0011c	YP 002343483.1					
NTDB id 1127	NGFG	RS10560	WP 003703428.1				
NTDB id 1126	NGFG	RS09375	WP 003703428.1				
NTDB id 1125	NGFG	RS07215	WP 003703428.1				
NTDB id 1108	NGFG	RS06525	WP 003703428.1				
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NTDB id 1159	ABDM36	RS04765	WP 001166105.1	VEEGIVITVNINTASAEELATLLKGI	GLKKAQAI	VDYREANGPFT	THIDDLTNVKGIGEATVRNNAA	99									
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	VEEGIVITVNINTASAEELATLLKGI	GLKKAQAI	VDYREANGPFT	THIDDLTNVKGIGEATVRNNAA	99									
NTDB id 1395	DSB67	RS04445	WP 010649155.1	KYEGIEITVNNSATAQETATLLIGIGE	KKAQDIV	EYRNEHGPF	KTAAADLT	TKVKGIGEATVRKNED	91								
NTDB id 1294	VP	RS04495	WP 021449594.1	KYEGIEITVNINTASAEETATMLKGI	GEKKAQ	SIVDYRTEH	GPFKTAADLT	TKVKGIGEATIKKNED	90								
NTDB id 1362	HI 1008	AAC22669.1		TQAEAQV.....APAVVSDKLNINTATASEI	QKSLTGIGAKKA	EAI	VQYREKHGN	FXNAEQ	LL	VQ	GIGKATLEKNRD	108					
NTDB id 1382	A4U84	RS07375	WP 062924234.1	MQQ.VAA.....TQKVNANVNINTATASEI	QDKLVGIGAKKAQAI	VEYREK	NGKFLN	VEQ	LT	EV	SGIGKATLEKNRD	108					
NTDB id 595	KW2	RS08725	WP 021037687.1	ESTDSPTGSSVSNQISTTS	GPKNINKADLT	TELQK.LT	GIGQKKAQDI	ID	FRMK	NGDFKS	IEDL	GKVS	SGFGDKTLEKLKD	213			
NTDB id 521	SMSK321	RS04960	WP 000443804.1	QHTGSGAP.....SSTS	KDKKINLNKAS	LEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGAKTIEKLKD	211				
NTDB id 493	SM12261	RS04300	WP 000387351.1	QQAGPGTA.....SSTS	KEKKVNLNKA	SLEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGAKTIEKLKD	211				
NTDB id 153	SP	RS04730	WP 000387344.1	QQTGSGTA.....SSTS	KEKKVNLNKA	SLEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGGKTIEKLKD	211				
NTDB id 263	KZH43	RS04195	WP 000387330.1	QQTGLGTA.....SSIS	KEKKVNLNKA	SLEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGGKTIEKLKD	211				
NTDB id 222	SPD	RS04535	WP 000387330.1	QQTGLGTA.....SSIS	KEKKVNLNKA	SLEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGGKTIEKLKD	211				
NTDB id 188	SPR	RS04295	WP 000387330.1	QQTGLGTA.....SSIS	KEKKVNLNKA	SLEELKQ.VK	GLGGKRAQDI	IDHRE	ANGKFKS	VDEL	KKVSG	GIGGKTIEKLKD	211				
NTDB id 36	MW	RS08230	WP 001793467.1	PQIGVNS...VHV	KNGNTNNTK	VNLNTAS	VSELMS.VP	GVGQAKANA	IVEYRN	QQGAF	QEI	IDDL	KKVKG	FGSKTFDKLKS	224		
NTDB id 20	SA	RS08005	WP 001802022.1	PQIEVNS...VHV	KNGNTNNTK	VNLNTAS	VSELMS.VP	GVGQAKANA	IVEYRN	QQGAF	QEI	IDDL	KKVKG	FGSKTFDKLKS	224		
NTDB id 105	BSU 25590	NP 390437.1		QQGGGGS...VQ..SD	GGKALVNINTAT	LEELQG.IS	GVGPSKAE	AI	IAYRE	ENGRF	QTIED	IT	TKVSG	GIGES	FEKIKS	200	
NTDB id 1069	ABD1	RS03060	WP 043960841.1	NSSKISQ...TK..NF	NDSTGQTHLNQ	ANVNEF	QQ.LK	GIGE	KKAQAI	VEYR	QKNGS	FKNIDE	IKNV	KGIG	PAIF	EKNKS	132
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	LSKPTQQ.....SGT	GVKVNINSAT	AKELQQ.LH	GVGEKKA	LA	IVEYR	QYQK	FASV	DDLQ	KVKG	GIGP	KFIE	KNRD	124
NTDB id 117277	BD29	RS00050	WP 002866798.1	ALT.....AFL	FGAVNINTAT	LKELKS.LN	GIEAKAK	SILEYR	KE.AN	FTS	IDDL	KKVKG	IGDK	LF	EKIKN		74
NTDB id 1242	Cj0011c	YP 002343483.1		ALT.....AFL	FGAVNINTAT	LKELKS.LN	GIEAKAK	AILEYR	KE.AN	FTS	IDDL	KKVKG	IGDK	LF	EKIKN		74
NTDB id 1127	NGFG	RS10560	WP 003703428.1	FSC.....AF	SLAAVNINA	ASQ	QLEA.LP	GIGPAKAKA	IAEY	RAQNG	AFKS	VDDL	IKVKG	GIGPAV	LAKLKD		109
NTDB id 1126	NGFG	RS09375	WP 003703428.1	FSC.....AF	SLAAVNINA	ASQ	QLEA.LP	GIGPAKAKA	IAEY	RAQNG	AFKS	VDDL	IKVKG	GIGPAV	LAKLKD		109
NTDB id 1125	NGFG	RS07215	WP 003703428.1	FSC.....AF	SLAAVNINA	ASQ	QLEA.LP	GIGPAKAKA	IAEY	RAQNG	AFKS	VDDL	IKVKG	GIGPAV	LAKLKD		109
NTDB id 1108	NGFG	RS06525	WP 003703428.1	FSC.....AF	SLAAVNINA	ASQ	QLEA.LP	GIGPAKAKA	IAEY	RAQNG	AFKS	VDDL	IKVKG	GIGPAV	LAKLKD		109
consensus				***! !** !* * !**! ***!***!***! ** !***** *!***! *****													

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NTDB id 1159	ABDM36	RS04765	WP 001166105.1	RILL.....	103
NTDB id 1150	A1552VC	RS08580	WP 001166105.1	RILL.....	103
NTDB id 1395	DSB67	RS04445	WP 010649155.1	RILL.....	95
NTDB id 1294	VP	RS04495	WP 021449594.1	RILL.....	94
NTDB id 1362	HI 1008	AAC22669.1		RIIF.....	112
NTDB id 1382	A4U84	RS07375	WP 062924234.1	CIVIE.....	113
NTDB id 595	KW2	RS08725	WP 021037687.1	EISID.....	218
NTDB id 521	SMSK321	RS04960	WP 000443804.1	YVTVD.....	216
NTDB id 493	SM12261	RS04300	WP 000387351.1	YVTVD.....	216
NTDB id 153	SP	RS04730	WP 000387344.1	YVTVD.....	216
NTDB id 263	KZH43	RS04195	WP 000387330.1	YVTVD.....	216
NTDB id 222	SPD	RS04535	WP 000387330.1	YVTVD.....	216
NTDB id 188	SPR	RS04295	WP 000387330.1	YVTVD.....	216
NTDB id 36	MW	RS08230	WP 001793467.1	YFTI.....	228
NTDB id 20	SA	RS08005	WP 001802022.1	YFTI.....	228
NTDB id 105	BSU 25590	NP 390437.1		SITVK.....	205
NTDB id 1069	ABD1	RS03060	WP 043960841.1	RLAL.....	136
NTDB id 1014	ACIAD	RS13855	WP 004924483.1	RLAI.....	128
NTDB id 117277	BD29	RS00050	WP 002866798.1	DITVE.....	79
NTDB id 1242	Cj0011c	YP 002343483.1		DITIE.....	79
NTDB id 1127	NGFG	RS10560	WP 003703428.1	QASVGAPAPKGP	PAKPVLPAVKK 131
NTDB id 1126	NGFG	RS09375	WP 003703428.1	QASVGAPAPKGP	PAKPVLPAVKK 131
NTDB id 1125	NGFG	RS07215	WP 003703428.1	QASVGAPAPKGP	PAKPVLPAVKK 131
NTDB id 1108	NGFG	RS06525	WP 003703428.1	QASVGAPAPKGP	PAKPVLPAVKK 131
consensus				***	

 non conserved
 similar
 $\geq 50\%$ conserved