

NTDB id 114	BSU 16110 NP 389493.1	..MDQAAVCLTICRINQL....LSPSLLLKWKADPSMSL.....TS	PVLQTVTRDQIKA	AALKNEIEQFY	PK	62
NTDB id 1250	GC085 RS13065 WP 027219989.1	..MNNLQPLLALNRMRRIQ....PRTVLKLQKRWPDNLNMFQLSSV	DLEEAGLPSWLAQTIK	NFPDPFIKTDLNWL	...	70
NTDB id 599	KW2 RS05940 WP 021037268.1	.MITNFDL....FRWKKAGMTNLGVNKLKFFRKYPDRIKISLRQM..	GQVAQVK	SIPNFIEQYK	NQDVKKLRADYK	70
NTDB id 525	SMK321 RS06295 WP 000705298.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	ADISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 267	KZH43 RS05590 WP 000705306.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	ADISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 226	SPD RS05990 WP 000705306.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	ADISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 192	SPR RS05715 WP 000705306.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	ADISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 157	SP RS06205 WP 000705306.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	ADISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 497	SM12261 RS05565 WP 000705318.1	MKITNYEI....YKLKKSGLTNQILKVLEYGENVDQELLGDI..	AEISGCRNP	PAVMERYFQIDDAHLE	KEFKKI	71
NTDB id 1155412	QNH78 RS05230 WP 012775129.1	..MNNFEL....FKWKKAGLTNLNVNKLVLAYQEKHGKKLTLRNV	AVVSECKNP	LFMENYKNLDTKACRE	EFNKY	69
NTDB id 407	SMU RS04605 WP 002262865.1	..MDNFQL....FKLKKAGLTNLNLINIIDYEERTQKSLSLRDM..	AVVSKNKKPLIFMEHYK	NLDSKALRKEFN	RF	69
consensus		*****	*****	*****	*****	

NTDB id	114	BSU 16110 NP 389493.1	LPRVLAAYREQGIN	TIPISSKQYPFW	LKSIYDPPAVLFAKGDMTLLSKGR	KIGIVGTRNP	TAYCKQKVVNHLTKETCRKGW	142
NTDB id	1250	GC085 RS13065 WP 027219989.1	.S.....	SSENHHILTWDSPIYPALLKEIADPPF	ILYAKGELSALTQ.PSLAIVGSRNASVTGNENARAFSREISRHG	V		142
NTDB id	599	KW2 RS05940 WP 021037268.1	.S.....	SFSILDDLYPERLREIYNPPVLIFYQGNI	DLLKN.PKLAFVGSRLAGQS	GIKSVQKIVTELNQ.SF		135
NTDB id	525	SMK321 RS06295 WP 000705298.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	267	KZH43 RS05590 WP 000705306.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	226	SPD RS05990 WP 000705306.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	192	SPR RS05715 WP 000705306.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	157	SP RS06205 WP 000705306.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	497	SM12261 RS05565 WP 000705318.1	.P.....	SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKF	P.KVAVVGSRACSKQGAKSVEKI	IQGLN.EL		136
NTDB id	1155412	QNH78 RS05230 WP 012775129.1	.P.....	SFSILDDITYPLALKQIYNPPVLLFYQGDLELLEK	LKLAVVGTRNASKNGIQSVQKIIKELSN.RF			134
NTDB id	407	SMU RS04605 WP 002262865.1	.P.....	SLSILDKEYPLELKNIYNPPVLLFYQGDLLLAR	P.KLAVVGSRNASQM	GVA	AVKKIIQDLSK.QF	134
consensus			*	*****!!**!*!***!*****!*****!*****!*****!				**

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NTDB id 114 BSU 16110 NP 389493.1	EGVIVVQCKEKSGSLITAYQALECGREVFVAVPGSILDPYAGGPIKLIQQGAKAIVSAEDIFEELPERNVQYTEPF.....	297
NTDB id 1250 GC085 RS13065 WP 027219989.1	LCITLVIEAAIKSGSLITARMALEGNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVDLDELKIEHHQFTSNKPIFSL	302
NTDB id 599 KW2 RS05940 WP 021037268.1	RGVVVVEAKLRSGSLITCERALEEGRDIFAIPCNIAADGTSDCNHLIQQGAKLVYQAQDILBEVLYN.....	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 226 SPD RS05990 WP 000705306.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 192 SPR RS05715 WP 000705306.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 157 SP RS06205 WP 000705306.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	RGVIVAEAKMRSGSLITCERAMEEGRDVFVFAIPGSILDGLSDGCHHLIQEGAKLVTSQQDVLAEFEF.....	282
NTDB id 1155412 QNH78 RS05230 WP 012775129.1	EGLVVCEAKMRSGSLITCERALEEGRVYVFAIPGSIMDGKSDGCHHLIQEGAKCVTSCLDITSEYQF.....	280
NTDB id 407 SMU RS04605 WP 002262865.1	QGVVVAEAKIRSGSLITCERAMEEGRDVFVPCNILDGQSEGCCHHLIQEGAKCITSGFDILNEFN.....	280
consensus	*****!*****!!!!!!!!*****!*!*!*!*****!*!*!*!*****!*!*!*!*****!*!*!*!*****!	

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NTDB id 114 BSU 16110 NP 389493.1	ASCKENLVKFI GFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	297
NTDB id 1250 GC085 RS13065 WP 027219989.1	ASGKENLVKFIGFETTTIDQIIDRSGYGMQVTSGLAELELKGAVIAVPGGYIRCEYER	361
NTDB id 599 KW2 RS05940 WP 021037268.1		282
NTDB id 525 SMSK321 RS06295 WP 000705298.1		282
NTDB id 267 KZH43 RS05590 WP 000705306.1		282
NTDB id 226 SPD RS05990 WP 000705306.1		282
NTDB id 192 SPR RS05715 WP 000705306.1		282
NTDB id 157 SP RS06205 WP 000705306.1		282
NTDB id 497 SM12261 RS05565 WP 000705318.1		282
NTDB id 1155412 QNH78 RS05230 WP 012775129.1		280
NTDB id 407 SMU RS04605 WP 002262865.1		280
consensus		

- non conserved
- similar
- ≥ 50% conserved