

NTDB id	114 BSU 16110 NP 389493.1	..MDQAAYCLTICRIINQL....LSPSL LKWKADPSMSL.....TSFVLQTVTRD QIKAAAL KNEIEQFYPK	62
NTDB id	1250 GC085 RS13065 WP 027219989.1	..MNNLQPLLA LRNMKRIG.....PRTV LKLQRWPDNL MFQSSVDLEEAGLP SWLAQT IKNFDPDFIK TDLNWL...	70
NTDB id	599 KW2 RS05940 WP 021037268.1	.MITNFDI.....FRWKKA GMTNLGVNKILKF FRKYDRKT SLRQM...GQVAQVXSIPNF IEQYKNQDVKKLRADYKKF...	70
NTDB id	525 SMSK321 RS06295 WP 000705298.1	MKITNYEI....YKLKKSGLTNQQ ILKVLEYGENVDQELL LGDI..ADISGCRNP AVFMERYFQIDDAHLEKEFKKI...	71
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYEI....YKLKKSGLTNQQ ILKVLEYGENVDQELL LGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKF...	71
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYEI....YKLKKSGLTNQQ ILKVLEYGENVDQELL LGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKF...	71
NTDB id	192 SPR RS05715 WP 000705306.1	MKITNYEI....YKLKKSGLTNQQ ILKVLEYGENVDQELL LGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKF...	71
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYEI....YKLKKSGLTNQQ ILKVLEYGENVDQELL LGDI..ADISGCRNP AVFMERYFQIDDAHLSKEFQKF...	71
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYEI....YKLKKSGLTNQQ VLA VLEYGENVDQELL LGDI..AEISGCRNP AVFMERYFQIDDAHLEKEFQKF...	71
NTDB id	1155569 QNH68 RS04670 WP 012775129.1	..MN NFEL....FKWKKAGLTNLNV NKVLAYQE KHGKKLT LRNV..AVVSECK NPNVLFMEN YKNLDTKACREEFNKY...	69
NTDB id	407 SMU RS04605 WP 002262865.1	..MDNFQI....FKLKKA GLTNLN I LNII DYERTQSLSLRDM..AVVS KNKKPLIFMEHYKNLDSKAL RKEFNRF...	69
consensus		* ** * *	

[illegible][illegible]

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NTDB id 114 BSU 16110 NP 389493.1	EGVIVVQCKEKSGSLITAYQALECGREVFVAVPGSILDPYAGGPIKLIQQGAKAIVSAEDIFEELPERNVQYTEPF.....	297
NTDB id 1250 GC085 RS13065 WP 027219989.1	LCITLVIEAAIKSGSLITARMALEGNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVDDELKIEHHQFTSNKPIFSL	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 1155569 QNH68 RS04670 WP 012775129.1	EGLVVCEAKMRSGSLITCERALEEGRVYVFAIPGSIMDGKSDGCHHLIQEGAKCVTSCIDITISEYQF.....	280
NTDB id 407 SMU RS04605 WP 002262865.1	QGVVVAEAKIRSGSLITCERAMEEGRDVFVPCNILDGQSEGCHHLIQEGAKCITSGFDILNEFN.....	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 1155569 QNH68 RS04670 WP 012775129.1		280
NTDB id 407 SMU RS04605 WP 002262865.1		280
consensus		

- non conserved
- similar
- ≥ 50% conserved