

NTDB id 1250	GCO85 RS13065 WP 027219989.1	..MNNLQPLLA	LNRMKRIQP....RTVLKLQKRPDLNLMFQLSSV	DLEEAGLPSWLAQTIKNFDPDFIKTDLNLWLSSS	73
NTDB id 599	KW2 RS05940 WP 021037268.1	.MITNFD....	LFRWKKAGMTNLGVNKLKLFRRKYDRKISLRQM..	GQVAQVKSIPNFIEQYKNQDVKKKLRADYKFFS..	71
NTDB id 525	SMSK321 RS06295 WP 000705298.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMEYFQIDDAHLEKEFKKIP..	72
NTDB id 267	KZH43 RS05590 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMEYFQIDDAHLSKEFKQKFP..	72
NTDB id 226	SPH RS05990 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMEYFQIDDAHLSKEFKQKFP..	72
NTDB id 192	SPR RS05715 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMEYFQIDDAHLSKEFKQKFP..	72
NTDB id 157	SP RS06205 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..	ADISGCRNPAVFMEYFQIDDAHLSKEFKQKFP..	72
NTDB id 497	SM12261 RS05565 WP 000705318.1	MKITNYE....	IYKLKKSGLTNQQVLA	VEYGENVDQELLGDI..AEISGCRNPAVFMEYFQIDDAHLEKEFKQKFP..	72
NTDB id 1121118	EL107 RS02080 WP 011184519.1	..MNHFE....	LYKLKKAAGLTNKNILN	ILDYQEHQEKSLSRDM..AVVSGCKHPSHFIEAYKQLDIQKLMEFKQFP..	70
NTDB id 407	SMU RS04605 WP 002262865.1	..MDNFF....	LFLKKAAGLTNLN	ILNIDYEERTQKSLSRDM..AVVSKNKKPLIFMEHYKNLDSKALKEFNRF..	70
consensus		*****	*****!*****!*****	*****!*****!*****	*****

[illegible]

NTDB id	1250 GCO85 RS13065 WP 027219989.1	AH AHLGCLLEG GKKTI AVLGTGIDCIYPRRHLKLA EQITENG LLSEFPLKSPPIAGHFPLRNRIISGLSLCILVIEAAIK	233
NTDB id	599 KW2 RS05940 WP 021037268.1	T ASHLSAIIKT KTP TI AVIGTGLD I FYPLE NRKIQEYLAKYQLVLSEYS LGEKPLKY HFPERNRII AGLSRGVV VVEAKLR	226
NTDB id	525 SMSK321 RS06295 WP 000705298.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDY ISNDH LV LS EYG PGEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	267 KZH43 RS05590 WP 000705306.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDYIGNDH LV SEYGP GEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	226 SPD RS05990 WP 000705306.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDYIGNDH LV SEYGP GEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	192 SPR RS05715 WP 000705306.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDYIGNDH LV SEYGP GEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	157 SP RS06205 WP 000705306.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDYIGNDH LV SEYGP GEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	497 SM12261 RS05565 WP 000705318.1	TAAHMAALQNGGK TI AVIGTG LDVF YPKANKRLQDYIGNDH LV SEYGP GEQ PLKF HFPARNRII AGLCRGVIVAEAKMR	227
NTDB id	1121118 EL107 RS02080 WP 011184519.1	T SAHLACLKN GGQT IA IGTGLDR FYPKENRELQTF LGNHLVLTEYGP REEALS Y HFPERNRII AGLSRG ILVVEAKNR	225
NTDB id	407 SMU RS04605 WP 002262865.1	TAAH LASLKS GGAT IA IGTGLDV HYPKENRR LQDY IAKHNL LLSEYE AQS QPLKY HFPERNRII AGLSQ GV MVAEAKIR	225
consensus		*****!*****!!*****!*!!!!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	SGSLITCERAMEEGRDVF	313
NTDB id 599 KW2 RS05940 WP 021037268.1	SGSLITCERAMEEGRDVF	282
NTDB id 525 SMSK321 RS06295 WP 000705298.1	SGSLITCERAMEEGRDVF	282
NTDB id 267 KZH43 RS05590 WP 000705306.1	SGSLITCERAMEEGRDVF	282
NTDB id 226 SPD RS05990 WP 000705306.1	SGSLITCERAMEEGRDVF	282
NTDB id 192 SPR RS05715 WP 000705306.1	SGSLITCERAMEEGRDVF	282
NTDB id 157 SP RS06205 WP 000705306.1	SGSLITCERAMEEGRDVF	282
NTDB id 497 SM12261 RS05565 WP 000705318.1	SGSLITCERAMEEGRDVF	282
NTDB id 1121118 EL107 RS02080 WP 011184519.1	SGSLITCERAMEEGRDVF	278
NTDB id 407 SMU RS04605 WP 002262865.1	SGSLITCERAMEEGRDVF	280
consensus	!!!!!!*****!***!!*****!!*!*****!!*!!*!!*****!!*!***	

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NTDB id 1250 GC085 RS13065 WP 027219989.1	GFETTTIDQIIDRSGYGMEQVTSGLAEELELKGAVIAVPGGYIRCEYER	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 1121118 EL107 RS02080 WP 011184519.1		278
NTDB id 407 SMU RS04605 WP 002262865.1		280
consensus		

- non conserved
- similar
- ≥ 50% conserved