

NTDB id 1250 GC085 RS13065 WP 027219989.1	..MNNLQPLLA	LNRMKRIG....	PRTVLKLQKRWPDNL	LMFQLSSV	DLEEAGLPSWLA	QTIKNFDPDF	IKTDLNLWSSS	73
NTDB id 599 KW2 RS05940 WP 021037268.1	.MITNFD....	LFRWKKAGMTNLG	VNKLKFFRKYDRK	ISLRQM..	GQVAQVK	SIPNFIEQYKNQ	DVKKLRADYK	71
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLEKEFK	72
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLSKEFQ	72
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLSKEFQ	72
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLSKEFQ	72
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLSKEFQ	72
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYE....	IYKLKKSGLTNQ	QILKVLEYGENVD	QELLGDI..	ADISGCRNP	PAVFMERYFQID	DAHLSKEFQ	72
NTDB id 978801 MGAS37827 RS04515 WP 010922314.1	..MNHFE....	LYKLKKAAGLTN	KNILNILDYQKHQ	EKSLSRDM..	AVVSGCKHP	SHFIEAYKQL	DIQNLKMEF	70
NTDB id 407 SMU RS04605 WP 002262865.1	..MDNfq....	LFLKLLKAGLTN	LNILNLIIDYEERT	QKSLSRDM..	AVVSKNK	KPLIFMEHYK	NLDSKALR	70
consensus	*****	*****!	*****	*****	*****	*****	*****	

NTDB id 1250 GC085 RS13065 WP 027219989.1	ENHHILTWDSPLYPALKEIADPPFITYAKGELSALTQPSLATVGSRNA SVTG NENARAFSREISRHGVSIVSGLALGID	153
NTDB id 599 KW2 RS05940 WP 021037268.1	 SFSILD DLYPERL REIYNPPVLIFYQGNI IDLLKNPKLA FVGSR LAGQS GIKSV QKIV TELNQ .SFT IVSGLAKGID	146
NTDB id 525 SMSK321 RS06295 WP 000705298.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRS CSKQGA KSVEKI IQGLEN .ELVIVSGLAKGID	147
NTDB id 267 KZH43 RS05590 WP 000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN .ELVIVSGLAKGID	147
NTDB id 226 SPD RS05990 WP 000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN .ELVIVSGLAKGID	147
NTDB id 192 SPR RS05715 WP 000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN .ELVIVSGLAKGID	147
NTDB id 157 SP RS06205 WP 000705306.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN .ELVIVSGLAKGID	147
NTDB id 497 SM12261 RS05565 WP 000705318.1	 SFSILDDCYPWDLSEIYDAPVLLFYKG NLDLLKF PKVA VVGSRACSKQGA KSVEKVIQGLEN .ELVIVSGLAKGID	147
NTDB id 978801 MGAS37827 RS04515 WP 010922314.1	 SISILDKHYPMALKEIYNPPVLLFFQGNLDLLEKPKLATVGSRRSSDTGVKSVRKITLKELGN.RFVIVSGLARIGID	145
NTDB id 407 SMU RS04605 WP 002262865.1	 SLSILDKKEYPLELKNINPNPVLLFFYQGLDLLARPKLAVVGSRNASQMGVA AVKKIIQLDLSK.QFVIIISGLARGID	145
consensus	* * * * *	

NTDB id	1250 GC085 RS13065 WP 027219989.1	AHAHLGCEGGGKTIIVLGTGIDCIYPRRHLKLAEQITENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLCILEVIEAAIK	233
NTDB id	599 KW2 RS05940 WP 021037268.1	TASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPVKYHFPERNRIIAGLSRGVVVEAKLR	226
NTDB id	525 SMSK321 RS06295 WP 000705298.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANRLQDYISNDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	267 KZH43 RS05590 WP 000705306.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYGINDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	226 SPD RS05990 WP 000705306.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANRLQDYGINDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	192 SPR RS05715 WP 000705306.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANRLQDYGINDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	157 SP RS06205 WP 000705306.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANRLQDYGINDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	497 SM12261 RS05565 WP 000705318.1	TAAHMAALQNGGKTIAVIGTGLDVFYPKANRLQDYGINDHLVLSEYGPGEQPLKFHFFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	978801 MGAS37827 RS04515 WP 010922314.1	TAHALACLKNGGQTIIIGTGDLRFYPKENRELQTFLGKNHNLVTIEYGPGEALS YHFPERNRIIAGLSRCILEVVEAKNR	225
NTDB id	407 SMU RS04605 WP 002262865.1	TAAHLASLKSGGATIAVIGTGLDVHYPKENRRRLQDYIAKNHLLLSEYEQAQS QPLKYHFPERNRIIAGLSQGVVMVAEKIR	225
consensus		*****!!**!*!!!!!!*!****!!***!!*!!*!!!*!!*!!*!!*!!*!!*!!*!!*!!*!!*	

logo

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NTDB id 1250 GCO85 RS13065 WP 027219989.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 978801 MGAS37827 RS04515 WP 010922314.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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logo

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NTDB id 1250 GCD85 RS13065 WP 027219989.1
NTDB id 599 KW2 RS05940 WP 021037268.1
NTDB id 525 SMSK321 RS06295 WP 000705298.1
NTDB id 267 KZH43 RS05590 WP 000705306.1
NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
NTDB id 497 SM12261 RS05565 WP 000705318.1
NTDB id 978801 MGAS37827 RS04515 WP 010922314.1
NTDB id 407 SMU RS04605 WP 002262865.1
consensus

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- X non conserved
- X similar
- X $\geq 50\%$ conserved