

NTDB id 1250	GC085 RS13065 WP 027219989.1	..MNNLQLPLLA	LNRMKRIG....PRTVLKLQKRWPDNLNMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKTDLNLWSSS	73
NTDB id 599	KW2 RS05940 WP 021037268.1	.MITNFD....	LFRWKKAGMTNLGVNKLKLFRRKYDRKISLRQM..GQVAQVKSIPIFNIEQYKNQDVKKLRADYKKFS..	71
NTDB id 525	SMSK321 RS06295 WP 000705298.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNPVAFMERYFQIDDAHLEKEFKKIP..	72
NTDB id 267	KZH43 RS05590 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNPVAFMERYFQIDDAHLSKEFKQKFP..	72
NTDB id 226	SPD RS05990 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNPVAFMERYFQIDDAHLSKEFKQKFP..	72
NTDB id 192	SPR RS05715 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNPVAFMERYFQIDDAHLSKEFKQKFP..	72
NTDB id 157	SP RS06205 WP 000705306.1	MKITNYE....	IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNPVAFMERYFQIDDAHLSKEFKQKFP..	72
NTDB id 497	SM12261 RS05565 WP 000705318.1	MKITNYE....	IYKLKKSGLTNQQVLAVLEYGENVDQELLGDI..AEISGCRNPVAFMERYFQIDDAHLEKEFKQKFP..	72
NTDB id 1140231	DQM80 RS04275 WP 111693218.1	..MNHFE....	LYKLKKAGLTNKNILNILDYQKHQEKSLSLRDM..AVVSGCKHPSHFIEAYKQLDIQNLMKEFKQFP..	70
NTDB id 407	SMU RS04605 WP 002262865.1	..MDNFK....	LPKLKKAAGLTNLNINIIDYEEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRKEFNRF..	70
consensus		*****	*****!***!*****	*****

NTDB id	1250 GCO85 RS13065 WP 027219989.1	ENHHILTWDSPLYPALKEIADPPFILIYAKGELISALTQPSLAIVGSRNA SVTGNENARAFSREISRHGVSIVSGLAGID	153
NTDB id	599 KW2 RS05940 WP 021037268.1	. . . SFSILDDLYPERLREIYNPPVLIFYQGNI DLLKNPKLAFVGSRLAGQSIGIKSVQKIVTELNQ.SFTIVSGLAKGID	146
NTDB id	525 SMSK321 RS06295 WP 000705298.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRSCSKQGAKSVEKI IQGLEN.ELVIVSGLAKGID	147
NTDB id	267 KZH43 RS05590 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGAKSVEKVI QGLEN.ELVIVSGLAKGID	147
NTDB id	226 SPD RS05990 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGAKSVEKVI QGLEN.ELVIVSGLAKGID	147
NTDB id	192 SPR RS05715 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGAKSVEKVI QGLEN.ELVIVSGLAKGID	147
NTDB id	157 SP RS06205 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGAKSVEKVI QGLEN.ELVIVSGLAKGID	147
NTDB id	497 SM12261 RS05565 WP 000705318.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNDLLKF PKVA VVGSRACSKQGAKSVEKVI QGLEN.ELVIVSGLAKGID	147
NTDB id	1140231 DQM80 RS04275 WP 111693218.1	. . . STSILDKHYPMALKEIYNPPVLLFFQGNLDLEKPKLAI VGSRSSDTGVKSVRKII LKELGN.RFVIVSGLARGID	145
NTDB id	407 SMU RS04605 WP 002262865.1	. . . SLSILDKEYPLELKNINPPVLLFYQGD LDLLARPKLAVVGS RNA SQMGVA AVKK IIQDLSK.QFVII SGLARGID	145
consensus		* * * * * ! ! ? * ! * * ! * * * * ! * * * * ! * * * * ! * * * * ! ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * ! * * * * !	

NTDB id	1250	GCO85	RS13065	WP	027219989.1	AH AHL C L E G G K TIAVLGTGIDCIYPRRHLKLA E QITENGLLLSEFPLKSPPIAGHFPLRNRTISGLSLC I LVIEAAIK	233
NTDB id	599	KW2	RS05940	WP	021037268.1	TASHLSA I KTKTPTIAVIGTGLDIFYPLENRK I QEYLAKYQLVLSEYS L G E KPLKYHFPERNRIIAGLSRGVVVEAKLR	226
NTDB id	525	SMSK321	RS06295	WP	000705298.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQDYISNDHVLVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	267	KZH43	RS05590	WP	000705306.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQD I GN D HVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	226	SPD	RS05990	WP	000705306.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQDYIGNDHLVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	192	SPR	RS05715	WP	000705306.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQDYIGNDHLVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	157	SP	RS06205	WP	000705306.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQDYIGNDHLVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	497	SM12261	RS05565	WP	000705318.1	TAAHMAALQNGGKTIAVIGTG L DVFY P KANKRLQDYIGNDHLVLSEYG P GEQPLKFHFPARNRIIAGLCRGVIVAEAKMR	227
NTDB id	1140231	DQM80	RS04275	WP	111693218.1	TS A HL A CL K NGGQTIAIGTLGDRFYPKENRELQTFLGKNHLVLTEYGPREEALS F YHFPERNRIIAGLSRG I LVVEAKNR	225
NTDB id	407	SMU	RS04605	WP	002262865.1	TAAHLASLKS G GATIAVIGTG L DVHY P KENRRLLQDYIAK N HLLSEYEQAQS P LKYHFPERNRIIAGLS Q GV M VAEAKIR	225
consensus						*****!*****!!*****!*!!!!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

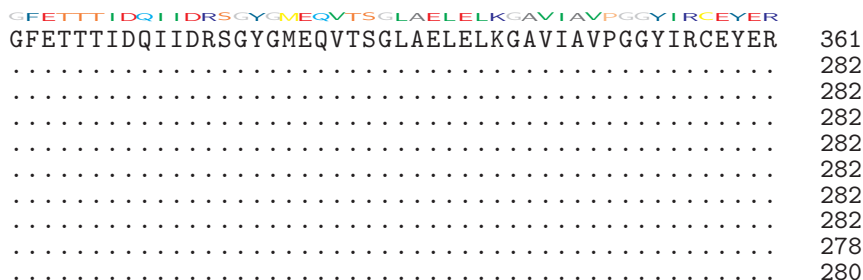
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NTDB id 226 SPD RS05990 WP 000705306.1
NTDB id 192 SPR RS05715 WP 000705306.1
NTDB id 157 SP RS06205 WP 000705306.1
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consensus



-  non conserved
-  similar
-  > 50% conserved