

NTDB id 25 SA RS06185 WP 000593194.1	 MIKLFLLKLKYAHFSTKQTHQFLMAYPNVLEEGRKKDSYCE.W. . . . VNREENVLRLKYYAFIKLDHN	66
NTDB id 1250 GC085 RS13065 WP 027219989.1	. . MNLLCPLLANRMK. . RIG. . . . PRT. . . . VLKLQKRWPDNLRFQLSSVDLEEAGLPSWLAQ. . . TIKNFDPD	61
NTDB id 599 KW2 RS05940 WP 021037268.1	. MITNFD. . . LFRWK. KAGMTNLGVNK. . . LKF FRKYDRKISLRQMG. . QVAQVK SIPNFIE. . . QYKNQDVK	61
NTDB id 1020675 AB1F71 RS04670 WP 002262865.1	. MDNFQ. . . LFCLK. KAGLTNINILN. . . IIDYEERTQKSLSRDMA. . VSKNKKPLIFME. . HYKNLDSK	60
NTDB id 407 SMU RS04605 WP 002262865.1	. MDNFQ. . . LFCLK. KAGLTNINILN. . . IIDYEERTQKSLSRDMA. . VSKNKKPLIFME. . HYKNLDSK	60
NTDB id 525 SMSK321 RS06295 WP 000705298.1	MKITNYE. . . IYCLK. KSGLTNQQILK. . . VLEYGENVDQELLG DIA. . DISGCRNP AVFME. . RYFQIDDA	62
NTDB id 267 KZH43 RS05590 WP 000705306.1	MKITNYE. . . IYCLK. KSGLTNQQILK. . . VLEYGENVDQELLG DIA. . DISGCRNP AVFME. . RYFQIDDA	62
NTDB id 226 SPD RS05990 WP 000705306.1	MKITNYE. . . IYCLK. KSGLTNQQILK. . . VLEYGENVDQELLG DIA. . DISGCRNP AVFME. . RYFQIDDA	62
NTDB id 192 SPR RS05715 WP 000705306.1	MKITNYE. . . IYCLK. KSGLTNQQILK. . . VLEYGENVDQELLG DIA. . DISGCRNP AVFME. . RYFQIDDA	62
NTDB id 157 SP RS06205 WP 000705306.1	MKITNYE. . . IYCLK. KSGLTNQQILK. . . VLEYGENVDQELLG DIA. . DISGCRNP AVFME. . RYFQIDDA	62
NTDB id 497 SM12261 RS05565 WP 000705318.1	MKITNYE. . . IYCLK. KSGLTNQQVLA. . . VLEYGENVDQELLG DIA. . EISGCRNP AVFME. . RYFQIDDA	62
consensus	* * * * *	

NTDB id 25 SA RS06185 WP 000593194.1	DITKELQKL....KVSYIT	YMDSEYPVLKEIYQFP	LLFYKGNIKLINNMHHL	AVVGARDSTSYTQQ	SLEFL	SNDKSK	142	
NTDB id 1250 GC085 RS13065 WP 027219989.1	FIKTDLNLWSSSENHHIL	TWDSPYYPALLKEIAD	PPFLLYAKGEL	SALTQ	PSLAIVGSRNASVT	GCNENARAFSRETSRH	140	
NTDB id 599 KW2 RS05940 WP 021037268.1	KLRADYKKF.....	SFSILDDL	YPERLREIYNPPVL	IFYQGNIDLLKN	PKLAFVGSRLAGQSGI	KSVQKIVTELN.Q	133	
NTDB id 1020675 AB1F71 RS04670 WP 002262865.1	ALRKEFNRF.....	PSLSILDKEYPLELKN	IYNPPVLLFYQGD	LDLLAR	PKLAVVGSRNA	QMGVA	AVKKIKQDLS.K	132
NTDB id 407 SMU RS04605 WP 002262865.1	ALRKEFNRF.....	PSLSILDKEYPLELKN	IYNPPVLLFYQGD	LDLLAR	PKLAVVGSRNA	QMGVA	AVKKIKQDLS.K	132
NTDB id 525 SMSK321 RS06295 WP 000705298.1	HLEKEFKKI.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRS	CSKQGA	SVEKVIQGLE.N	134
NTDB id 267 KZH43 RS05590 WP 000705306.1	HLSKEFQKF.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRA	CSKQGA	SVEKVIQGLE.N	134
NTDB id 226 SPD RS05990 WP 000705306.1	HLSKEFQKF.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRA	CSKQGA	SVEKVIQGLE.N	134
NTDB id 192 SPR RS05715 WP 000705306.1	HLSKEFQKF.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRA	CSKQGA	SVEKVIQGLE.N	134
NTDB id 157 SP RS06205 WP 000705306.1	HLSKEFQKF.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRA	CSKQGA	SVEKVIQGLE.N	134
NTDB id 497 SM12261 RS05565 WP 000705318.1	HLEKEFQKF.....	PSFSILDDCYPWDL	SEIYDAPVLLFYKGNL	DLLKF	PKVAVVGSRA	CSKQGA	SVEKVIQGLE.N	134
consensus	*** **	*****	***** ! ! *	*** ! *	***** ! *****	***** ! ! ! ! *	*****	134

NTDB id	25	SA	RS06185	WP	000593194.1	YLTIVSGLAQGADAMAHQIALKYNLP	TIAVLAFGHQTHYPKSTLALRNKTEEGKLVISEYPPHTPIAKYRFPERNRIISG	222
NTDB id	1250	GC085	RS13065	WP	027219989.1	GVSIVSGLALGIDAAHLCLEGGGKTIAV	LGTGIDCIYPRRHLLKLAEQITENGILLSEFPLKSPPIAGHFPLNRRIISG	220
NTDB id	599	KW2	RS05940	WP	021037268.1	SFTIVSGLAKGIDTASHLSAIKTKTP	TIAVIGTGLDIFYPLENRRKIQEYLAKYQLVLSEYSLGEEKPLKYHFFPERNRIIAG	213
NTDB id	1020675	AB1F71	RS04670	WP	002262865.1	QFVIIISGLARGIDTA AHLASLSKSGGA	TIAVIGTGLDVHYPKENRRLDQYIAKNHLLSEYEAAQSQPLKYHFFPERNRIIAG	212
NTDB id	407	SMU	RS04605	WP	002262865.1	QFVIIISGLARGIDTA AHLASLSKSGGA	TIAVIGTGLDVHYPKENRRLDQYIAKNHLLSEYEAAQSQPLKYHFFPERNRIIAG	212
NTDB id	525	SMSK321	RS06295	WP	000705298.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYISNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
NTDB id	267	KZH43	RS05590	WP	000705306.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYICNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
NTDB id	226	SPD	RS05990	WP	000705306.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYICNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
NTDB id	192	SPR	RS05715	WP	000705306.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYICNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
NTDB id	157	SP	RS06205	WP	000705306.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYICNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
NTDB id	497	SM12261	RS05565	WP	000705318.1	ELVIVSGLAKGIDTA AHMAALQNGGKTIA	VIGTGLDVFYPKANKRLQDYICNDHVLVSEYGPGEQPLKFHF PARNRIIAG	214
consensus						***!*****!!**!*!!!!!!*		

