

NTDB id	1250 GC085 RS13065 WP 027219989.1	..MNNLQLPLLA ⁺ NRMK ⁺ RIG....PRTVLKLQKRWPDNL ⁺ MFQ ⁺ LSSVDLEEAGLP ⁺ SWLAQTIKNFDPDFI ⁺ KTDLNWLSSS	73
NTDB id	599 KW2 RS05940 WP 021037268.1	.MITNFD....LFRWKKGAGMTNLGVNKLLKFFRKYDRKISLRQM..GQVAQVK ⁺ SIPNFIEQYKNQDVKKLRADYKKFS..	71
NTDB id	525 SMSX321 RS06295 WP 000705298.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNP ⁺ AVFMERYFQIDDAHLEKEFKK ⁺ IP..	72
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNP ⁺ AVFMERYFQIDDAHL ⁺ SKEFQKFP..	72
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNP ⁺ AVFMERYFQIDDAHL ⁺ SKEFQKFP..	72
NTDB id	192 SPR RS05715 WP 000705306.1	MKITNYE...IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNP ⁺ AVFMERYFQIDDAHL ⁺ SKEFQKFP..	72
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYE....IYKLKKSGLTNQQILKVLEYGENVDQELLGDI..ADISGCRNP ⁺ AVFMERYFQIDDAHL ⁺ SKEFQKFP..	72
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYE....IYKLKKSGLTNQQVLA ⁺ VLEYGENVDQELLGDI..AEISGCRNP ⁺ AVFMERYFQIDDAHLEKEFQKFP..	72
NTDB id	1138050 DQL37 RS04830 WP 011054501.1	..MNHF ⁺ E....LYKLKKA ⁺ GLTNKNILNILDYQKHQEKSLSLRDM..AVVSGCKHP ⁺ SHFTIAYKQLD ⁺ IQKLKMEFKQP..	70
NTDB id	407 SMU RS04605 WP 002262865.1	..MDNFC....LFKLKKA ⁺ GLTNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLD ⁺ SKALRKEFNRF..	70
consensus		*****!*****!*****!*****!*****!*****!*****!*****!*****!*****!	

NTDB id	1250 GC085 RS13065 WP 027219989.1	ENHHILTWDSPLYPALKEIADPPFILYAKGELSAITQPSLATVGSRNA SVTGNENARAFSREISRHGVSIVSGLA LGID	153
NTDB id	599 KW2 RS05940 WP 021037268.1	. . . SFSILD DLYPERL REIYN PVLIF YQGNI DLLK NPK LA FVGSR LAGQS GIKSV QKI VTELNQ . SFT IVSGLA KGID	146
NTDB id	525 SMSX321 RS06295 WP 000705298.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRS CSKQGA KSVEK I IQGLEN . ELVIVSGLA KGID	147
NTDB id	267 KZH43 RS05590 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLA KGID	147
NTDB id	226 SPD RS05990 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQA KSVEKVIQGLEN . ELVIVSGLA KGID	147
NTDB id	192 SPR RS05715 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLA KGID	147
NTDB id	157 SP RS06205 WP 000705306.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLA KGID	147
NTDB id	497 SM12261 RS05565 WP 000705318.1	. . . SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGA KSVEKVIQGLEN . ELVIVSGLA KGID	147
NTDB id	1138050 DQL37 RS04830 WP 011054501.1	. . . STSILD KHYPMA LKEIYN PPVLLF FQGNLD LLEKP K LATVGSRRSSDTGVKSVR KI L KE L GN . RFVIVSGLA RGID	145
NTDB id	407 SMU RS04605 WP 002262865.1	. . . SLSDLK EYPLE LKNIYN PPVLLFYQGLDLLARPKL AVVGSRNASQM GVAA VKKK IIQDSLK . QFVII SGLAGRID	145
consensus		**.....**..***...*****.....*	

[illegible]

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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
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NTDB id 407 SMU RS04605 WP 002262865.1
consensus



- X non conserved
- X similar
- X > 50% conserved