

NTDB id	1250 GC085 RS13065 WP 027219989.1	. . MNNLQLPLLA LNRMKRIG PRIVLKLQKRPDLNL MFQLSSV DLEEAGLP SWLAQT IKNFDPDFI KTDLNWLSSSENHHI	78
NTDB id	599 KW2 RS05940 WP 021037268.1	. MITNFD LFRWKKAGMTNLGVNKLLKFFRK YDRKISLRQM . . GQAQVKVSIPNFIEBQYKNQDVKKLRADYKKFS S	72
NTDB id	525 SMSK321 RS06295 WP 000705298.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELL LGDI . . ADISGCRNP AVFMERYF QIDDAHLEKEFKKI IP S	73
NTDB id	497 SM12261 RS05565 WP 000705318.1	MKITNYE IYKLKKSGLTNQQV LA VLEYGENVDQELL LGDI . . AEISGCRNP AVFMERYF QIDDAHLEKEFKQFP S	73
NTDB id	267 KZH43 RS05590 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELL LGDI . . ADISGCRNP AVFMERYF QIDDAHLSKEFKQFP S	73
NTDB id	226 SPD RS05990 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELL LGDI . . ADISGCRNP AVFMERYF QIDDAHLSKEFKQFP S	73
NTDB id	192 SPR RS05715 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELL LGDI . . ADISGCRNP AVFMERYF QIDDAHLSKEFKQFP S	73
NTDB id	157 SP RS06205 WP 000705306.1	MKITNYE IYKLKKSGLTNQQILKVLEYGENVDQELL LGDI . . ADISGCRNP AVFMERYF QIDDAHLSKEFKQFP S	73
NTDB id	82793 H7675 RS04835 WP 031488274.1	. . MNHFE . . LYKLKKA GLTNKNI LN ILDYQKQ KEKSLSLRDM . . AVVSGCKHP SHFI EAYKQLD IQLKLI EFKQFP S	71
NTDB id	407 SMU RS04605 WP 002262865.1	. . MDNFF . . LFLKLLKAGLTNL N ILNI IDYE RTQKSLSLRDM . . AVVSKNKKP LI FMEHYKNLD SKALRKEFN RFP S	71
consensus		* * * * *	*

NTDB id	1250 GC085 RS13065 WP 027219989.1	L T W D S P Y Y P A L K E I A D P P F I L Y A K G E L S A L T Q P S L A I V G S R N A S V T G N E N A R A F S R E I S R H G V S I V S G L A L G I D A H A H L C L D E G	163
NTDB id	599 KW2 RS05940 WP 021037268.1	F S I L D D L Y P E R L R E I Y N P P V L I F Y Q G N I D L L K N P K L A F V G S R L A G Q S G I K S V Q K I V T E L N Q . S F T I V S G L A K G I D T A S H L S A I K T	156
NTDB id	525 SMSK321 RS06295 WP 000705298.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R S C S K Q G A K S V E K I I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	497 SM12261 RS05565 WP 000705318.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R A C S K Q G A K S V E K V I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	267 KZH43 RS05590 WP 000705306.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R A C S K Q G A K S V E K V I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	226 SPD RS05990 WP 000705306.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R A C S K Q G A K S V E K V I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	192 SPR RS05715 WP 000705306.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R A C S K Q G A K S V E K V I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	157 SP RS06205 WP 000705306.1	F S I L D D C Y P W D L S E I Y D A P V L L F Y K G N L D L L K F P K V A V V G S R A C S K Q G A K S V E K V I Q G L E N . E L V I V S G L A K G I D T A A H M A A L Q N	157
NTDB id	82793 H7675 RS04835 WP 031488274.1	I S I L D K H Y P M A L K E I Y N P P V L L F F Q G N L D L L E K P K L A I V G S R R S S D T G V K S V R K I L K E L G N . R F V I V S G L A R G I D T S A H L A C L K N	155
NTDB id	407 SMU RS04605 WP 002262865.1	L S I L D K E Y P L E L K N I Y N P P V L L F Y Q G D L D L L A R P K L A V V G S R N A S Q M G V A A V K K I I Q D L S K . Q F V I V S G L A R G I D T A A H L A S L K S	155
consensus		* * * * *	

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NTDB id	1250 GC085 RS13065 WP 027219989.1	DVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSNKPIFSLASGKENLVKFIFGETTTIDQIIDRSGYGMEQ	333
NTDB id	599 KW2 RS05940 WP 021037268.1	DIFAIPGNIAAGTSDGCNHLIQQGAKLVYQAQDILEEYLVN.....	282
NTDB id	525 SMSK321 RS06295 WP 000705298.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	497 SM12261 RS05565 WP 000705318.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	267 KZH43 RS05590 WP 000705306.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	226 SPD RS05990 WP 000705306.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	192 SPR RS05715 WP 000705306.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	157 SP RS06205 WP 000705306.1	DVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEEF.....	282
NTDB id	82793 H7675 RS04835 WP 031488274.1	DIFAVPGNIIDGKSEGCQLLIKEGATCVTSGMDILSEY.....	278
NTDB id	407 SMU RS04605 WP 002262865.1	DVFVVPGNIIDGQSEGCHHLIQEGAKCITSGFDILNEFN.....	280
consensus		!*****!*****!*****!*****!*****!*****!*****!	

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NTDB id	Accession	Sequence	Length
1250	GC085 RS13065 WP 027219989.1	VTSGLAELKGVAVPGGYIRCEYER	361
599	KW2 RS05940 WP 021037268.1		282
525	SMSK321 RS06295 WP 000705298.1		282
497	SM12261 RS05565 WP 000705318.1		282
267	KZH43 RS05590 WP 000705306.1		282
226	SPD RS05990 WP 000705306.1		282
192	SPR RS05715 WP 000705306.1		282
157	SP RS06205 WP 000705306.1		282
82793	H7675 RS04835 WP 031488274.1		278
407	SMU RS04605 WP 002262865.1		280
consensus			

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