logo

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NTDB id 1118092 ELZ48 RS07785 WP 115338567.1   ...MNDLDLLKLRFA....GLSTQQIHRLLRFSPSFMKYSKVDKQYILKQFLGIVKITAKNENVYRLYVTTNFEVLFKQL   73
NTDB id 25 SA RS06185 WP 000593194.1           ...MIKLFLLKLYWA....HFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVL.LLRKYYAFIKLDHNDIIKEL   72
NTDB id 40 MW RS06080 WP 000593192.1           ...MIKLFLLKLYWA....HFSTKQIHQFLMAYPNVIKEEGRKKDSYLCEWVNREENVH.LLRKYYAFIKLDHNDIIKEL   72
NTDB id 1399 DSB67 RS15600 WP 010645755.1      MTPQNDLDLAAWLKLSCLPGIGGVKMNKLLSKDTPS..NIVQ....YSTEQLQLLGLTAKQLQAWSQVDKEVDACLTWVA   74
NTDB id 599 KW2 RS05940 WP 021037268.1         ..MITNFDLFRWKKA....GMTNLGVNKLLKFFRKYDRKISL....RQMGQVAQVKSIPNFIEQYKNQDVK.....KLRA   65
NTDB id 525 SMSK321 RS06295 WP 000705298.1     .MKITNYEIYKLKKS....GLTNQQILKVLEYGENVDQELLL....GDIADISGCRNPAVFMERYFQIDDA.....HLEK   66
consensus                                                                                                                              
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NTDB id 1118092 ELZ48 RS07785 WP 115338567.1   KAWKVHFITINHRLYPQLLREIYDPPLILFYRGKLTLMQSPRTLAIIGSRQATQYTWQSLQTFFPSFKKHHLTIISGLAK   153
NTDB id 25 SA RS06185 WP 000593194.1           QKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQ   152
NTDB id 40 MW RS06080 WP 000593192.1           QKLKVSYITYMDSEYPVLLKEIYQFPLLLFYKGNIKLINNMHHLAVVGARDSTSYTQQSLEFLLSNDKSKYLTIVSGLAQ   152
NTDB id 1399 DSB67 RS15600 WP 010645755.1      ASSHHHILTLADALYPPLLKQTVAPPPLLFVKGEASCLPQPQ.IAMVGSRNASVDGLQHTRTFASDLVQHDLIVTSGLAL   153
NTDB id 599 KW2 RS05940 WP 021037268.1         DYKKFSSFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPK.LAFVGSRLAGQSGIKSVQKIVTEL.NQSFTIVSGLAK   143
NTDB id 525 SMSK321 RS06295 WP 000705298.1     EFKKIPSFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPK.VAVVGSRSCSKQGAKSVEKIIQGL.ENELVIVSGLAK   144
consensus                                                                                                                              
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logo

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NTDB id 1118092 ELZ48 RS07785 WP 115338567.1   GADMMAHQHALLFKLPTIAVLGFGHMHHYPKETKEIRQQIEKDGIVISEYLPLEKPKRYHFPERNRLISGLSKGIFITES   233
NTDB id 25 SA RS06185 WP 000593194.1           GADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEA   232
NTDB id 40 MW RS06080 WP 000593192.1           GADAMAHQIALKYNLPTIAVLAFGHQTHYPKSTLALRNKIEEKGLVISEYPPHTPIAKYRFPERNRIISGLSKGVLITEA   232
NTDB id 1399 DSB67 RS15600 WP 010645755.1      GIDGHAHDGALLAGGKTIAVLGSGLEQVYPARHRGLAQRVAENGALVSEFRPDAKPRAENFPRRNRIISGLSLGVLVVEA   233
NTDB id 599 KW2 RS05940 WP 021037268.1         GIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYLAKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRGVVVVEA   223
NTDB id 525 SMSK321 RS06295 WP 000705298.1     GIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYISNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRGVIVAEA   224
consensus                                                                                                                              
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logo

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NTDB id 1118092 ELZ48 RS07785 WP 115338567.1   AENSGTSITTRFALEQNRDVYVLPGTIFNKMTLGCNLRSAQEGAKIVLNADDILEDFII.....................   291
NTDB id 25 SA RS06185 WP 000593194.1           KEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 40 MW RS06080 WP 000593192.1           KEQSGSHITIDFALEQNRNVYVLPGSMFNPMTKGNLLRIQEGAKVVLNANDIFEDYYI.....................   290
NTDB id 1399 DSB67 RS15600 WP 010645755.1      AEKSGSLITARYALEQGREVFALPASINAPNASGGNQLIQNGACLVQNTQEVLNEIQSLLDWSINQSLDLFSAPIDEEEL   313
NTDB id 599 KW2 RS05940 WP 021037268.1         KLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN.....................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1     KMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF.....................   282
consensus                                                                                                                              
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logo

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NTDB id 1118092 ELZ48 RS07785 WP 115338567.1   ...........................................................   291
NTDB id 25 SA RS06185 WP 000593194.1           ...........................................................   290
NTDB id 40 MW RS06080 WP 000593192.1           ...........................................................   290
NTDB id 1399 DSB67 RS15600 WP 010645755.1      PFPQLLANVGNEATPVDILASRTNIPVQEVMMQLLELELSGHVVAVSGGYIRKGRG   369
NTDB id 599 KW2 RS05940 WP 021037268.1         ...........................................................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1     ...........................................................   282
consensus                                                                                                  
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X non conserved
X similar
X ≥ 50% conserved