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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   .................MKVNPNYLGRLFTENELTKEERQ.....LAEKLPAMRKEKGKLFCQRCDSAILDEWY......LPI   55
NTDB id 615 LCA RS02545 WP 011374200.1        ................MGQQVIACGRQFTAAQLADTQNNYSLPQIKRRPAFLRVKHRLVCQRCQQVVPPQTC......LPD   60
NTDB id 130992 BG07 RS15740 WP 040119064.1    ...............MLVGRQMLREELPFSKDELDRLERQG....DISLERGVIKKSSHYVCQRCGNAEPRLFASFLCKRCNQ   64
NTDB id 108 BSU 35470 NP 391427.1             MNVPVEKNSSFSKELQQTLRSRHLLRTELSFSDEMIEWHIKNG....YITAENSISINKRRYRCNRCGQTDQRYFSFYHSSG..K   79
consensus                                     ********** !****** ****  *********** ** * *  !!!!*** ** *    *    **
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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   GAYYCRECLLMKRVRSDQVLYYFPQEDFAK....QDILKWRGQLTPFQEKVSEGLIQAVDKQEPILVHAVTGAGKTEMIYQVVAK   136
NTDB id 615 LCA RS02545 WP 011374200.1        GRHYCAQCLLFGRLVEGDWLYTVPE..CHLFENNIPKLTWEGQLTPHQEKAAQAVVEVVQTQKRHVLTAVTGAGKTEMLFQGILV   143
NTDB id 130992 BG07 RS15740 WP 040119064.1    MCTYCRKCITMGRVGECTVLVR..DIRDVVWESLPNPLRWEGHLSAGQERAASGVTEAVHQKESFFIWAVCGAGKTEMLFYGIDE   147
NTDB id 108 BSU 35470 NP 391427.1             NKLYCRSCVMMGRVSEEVPLYSWKEENESNWKS..IKLTWDGKLSSGQQKAANVLIEAISKKEELLIWAVCGAGKTEMLFPGIES   162
consensus                                     **  !!* *   *** ***   *      * *      *!*!**!!*** ****  *  * **!!*!!!!!!!*****
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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   VINAGGAVCLASPRIDVCLELYKRLQDDFAC.EISLLYGES.EPYFRTPLVVSTTHQLLKFYQAFDLLIVDEVDAFPYVDNPMLY   219
NTDB id 615 LCA RS02545 WP 011374200.1        ALQKGQRVCLAAPRVAVCLELYPRLQAAFATTSIMLMHGEQTEPYRYTQLVICTTHQLLKFYHAFDTVIVDEVDAFPFVDNPVLA   228
NTDB id 130992 BG07 RS15740 WP 040119064.1    ALQKGERVCIATPRTDVVLELAPRLQTVFPDVPIAALYGGSLDREKEARLIVSTTHQLLRYYRAFDVMIVDEIDAFPYAMDKMLH   232
NTDB id 108 BSU 35470 NP 391427.1             ALNQGLRVCIATPRTDVVLELAPRLKAAFQGADISALYGGSDDKGRLSPLMISTTHQLLRYKDAITDVMIIDEVDAFPYSADQTLQ   247
consensus                                     ****  ** !!** *** **!****    *      ***  !   **     * *!!****!!**!!!**!***   **!
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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   HAVKNSVKENGLRIFLTATSTDELDRKVRIGELKRLSLPRRFHGNPLIIPKPVWLSDFNRYLEKKCLSPKLKSVIEKQRKTGYPL   304
NTDB id 615 LCA RS02545 WP 011374200.1        TAVEQACKPQCALLYLTATPTPAIKRALAAKQMTVSELPLRFHGHLLPEPQRHVAFNWRAQLKKGRLPKRLERDCQTYLK.TQQI   312
NTDB id 130992 BG07 RS15740 WP 040119064.1    HAVEQASKERAAQIYLTATPEETWKRKLWGGKQKGVIIPGRYHRQPLPVVPRFRWCGNWKKALKRKEIPHVVFEWLKYYLLKQSPI   317
NTDB id 108 BSU 35470 NP 391427.1             FAVQKARKKNSTLVYLSATPPKELKRKALNGQLHSVRIPARHHRKPLPEPRFVWCGNWKKKLNRNKIPPAVKRWIEFHVKEGRPV   332
consensus                                     * !!*** *!!   **  *!**!!*** *    *  ** *!*!!  *   * *!!!*   !*********** * **
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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   LIFASEIKKGEQLKEILQKEFPHEKIGFVSSVTEDRLEQVQAFRDGELTILISTTILERGVTFPCVDVFVVEANHRLFTKSSLIQ   389
NTDB id 615 LCA RS02545 WP 011374200.1        LLFVPQVRLLQPVANRLSTLLPAVRIETLHANDPDQIKKITAFRAQQIQLMVTTTILERGVTFKNVAVLVLGAEHMVFNEAVLVQ   397
NTDB id 130992 BG07 RS15740 WP 040119064.1    FLFVPHVRYIDEVSVLLKKL..DDRIEGVHAEDPKRKEKVASFRKGNIPLLVTTTILERGVTVENLQVAVLGABEVIFSESALVQ   400
NTDB id 108 BSU 35470 NP 391427.1             FLFVPSVSILEKAAACFKGV..HCRTASVHAEDKHRKEKVQQFRDGQLDLLITTTILERGVTVPKVQTGVLGAESSIFTESALVQ   415
consensus                                     * !*** *  *  *  **       ***!*   *   ****!!***!!!!!!!  **!!***** * * *****!*!
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logo

NTDB id 535 SMSK321 RS10515 WP 000867726.1   IGGRVGRSMDRPTGDLLFFHDGLNTSIKKAIKEIQQMNKEAGL......   432
NTDB id 615 LCA RS02545 WP 011374200.1        IAGRAGRHKDYAQNPVHFYYQDYTRAJKGACRQIKTQNQRGRRLQSTV   445
NTDB id 130992 BG07 RS15740 WP 040119064.1    IAGRAGRSHRRPDGDILYFHYGKTEAMIRAKKHIQFMNKKAKQEGLIH   448
NTDB id 108 BSU 35470 NP 391427.1             IAGRTGRHKEYADGDVIYFHFGKTKSMLDARKHIKEMNELAAKVECTD   463
consensus                                     !*!!*!!*** ** ** * **!*  ** *  ***! * !*** ** *
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