logo

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NTDB id 256 KZH43 RS10270 WP 000681597.1        .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY  78
NTDB id 215 SPD RS10945 WP 000681597.1          .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY  78
NTDB id 181 SPR RS10425 WP 000681597.1          .MKHLKTFYKKWFQLLVVIVISFFSGALGSFSITQLTQKSSVNN.SNNNSTITQTAYKNENSTTQAVNKVKDAVVSVITY  78
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NTDB id 1159109 QOR62 RS10765 WP 000728357.1    MKKKLVSSLLK...CSLIIIVSFAGGAFASFV...MNHNDNTPNGG..VTKTSKVNYNNITPTTKAVKKVQNSVVSVINY  72
NTDB id 381 SMU RS09890 WP 002262650.1          MNNTKSHPFLKWFIPFLVIFLTFILGVISTLTFNWITGNKSFSNNG..KTTVSNVIYDTKSNTTKAVKNVKNTVVSVINY  78
consensus                                        *********!**********!**!****************  *  **********!*****!!*!!**!***!!!!!*!
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NTDB id 425 SGO RS10525 WP 012131081.1          SESNSDAI........FDNN..NSGNENDQVASEGSGVIYRKDKDYAYLVTNTHVINGAKKVDIRLADGNKVPGEIVGTD  149
NTDB id 539 SM12261 RS09395 WP 000681587.1      SANRQNSV........FGND..DTDTDSQQISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGAD  148
NTDB id 256 KZH43 RS10270 WP 000681597.1        SANRQNSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGAD  148
NTDB id 215 SPD RS10945 WP 000681597.1          SANRQNSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGAD  148
NTDB id 181 SPR RS10425 WP 000681597.1          SANRQNSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGAD  148
NTDB id 145 SP RS11450 WP 000681597.1           SANRQNSV........FGND..DTDTDSQRISSEGSGVIYKKNDKEAYIVTNNHVINGASKVDIRLSDGTKVPGEIVGAD  148
NTDB id 1159109 QOR62 RS10765 WP 000728357.1    KQQESRSDLSDFYSHFFG.NQGGNTDKGLQVYGEGSGVIYKKDGKNAYVVTNNHVIDGAKQIEIQLADGSKAVGKLVGSD  151
NTDB id 381 SMU RS09890 WP 002262650.1          QKTDNS.....YYNYDSGSQEKNKSEDGLGVYGEGSGVIYKKDGDSAYLVTNNHVVKDAEKLEIMMANGKKVVGKLVGSD  153
consensus                                       ********        ****   *******  ***!!!!!!!*!****!!*!!!*!!***!****!****!*!**!**!!*!
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NTDB id 425 SGO RS10525 WP 012131081.1          TYSDISVVRIPADKVKNVAEFGDSSKLTVGETAIAIGSPLGSDYANTVTQGIVSSLSRNVSSRSEDGQTIATQAIQTDAA  229
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NTDB id 256 KZH43 RS10270 WP 000681597.1        TFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTA  228
NTDB id 215 SPD RS10945 WP 000681597.1          TFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTA  228
NTDB id 181 SPR RS10425 WP 000681597.1          TFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTA  228
NTDB id 145 SP RS11450 WP 000681597.1           TFSDIAVVKISSEKVTTVAEFGDSSKLTVGETAIAIGSPLGSEYANTVTQGIVSSLNRNVSLKSEDGQAISTKAIQTDTA  228
NTDB id 1159109 QOR62 RS10765 WP 000728357.1    TYSDLAVVKIPSDKVSNIAEFADSSKLNIGETAIAIGSPLGTEYANSVTQGIVSSLKRTVTMTNEEGQTVSTNAIQTDAA  231
NTDB id 381 SMU RS09890 WP 002262650.1          TYSDLAVIKISSKYVTTVAEFANSDKIKVGEPAIAIGSPLGSDYANSVTEGIVSSLSRTVTSQNENGETISTNAIQTDAA  233
consensus                                       !*!!**!**!****!***!!!**!*!***!!*!!!!!!!!!**!!!*!!*!!!!!!*!*!****!*!****!*!!!!!*!
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NTDB id 539 SM12261 RS09395 WP 000681587.1      INPGNSGGPLINIQGQVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSN  300
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NTDB id 215 SPD RS10945 WP 000681597.1          INPGNSGGPLINIQGQVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSN  300
NTDB id 181 SPR RS10425 WP 000681597.1          INPGNSGGPLINIQGQVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSN  300
NTDB id 145 SP RS11450 WP 000681597.1           INPGNSGGPLINIQGQVIGITSSKIAT..N......GGTSVEGLGFAIPANDAINIIEQLEKNGKVTRPALGIQMVNLSN  300
NTDB id 1159109 QOR62 RS10765 WP 000728357.1    INPGNSGGALINIEGQVIGINSSKISSTSNQTSGQSSGNSVEGMGFAIPSNDVVKIINQLESNGQVERPALGISMAGLSN  311
NTDB id 381 SMU RS09890 WP 002262650.1          INPGNSGGALINIKGQVIGINSSKIASSNNS....NSGVAVEGMGFAIPSNDVVSIINQLEENGEVVRPALGISMANLSE  309
consensus                                       !!!!!!!!*!*!!*!!!!!!*!!!!**  !      ****!!!*!!!!!*!!***!!*!!!*!!*!*!!!!!!*!**!!*
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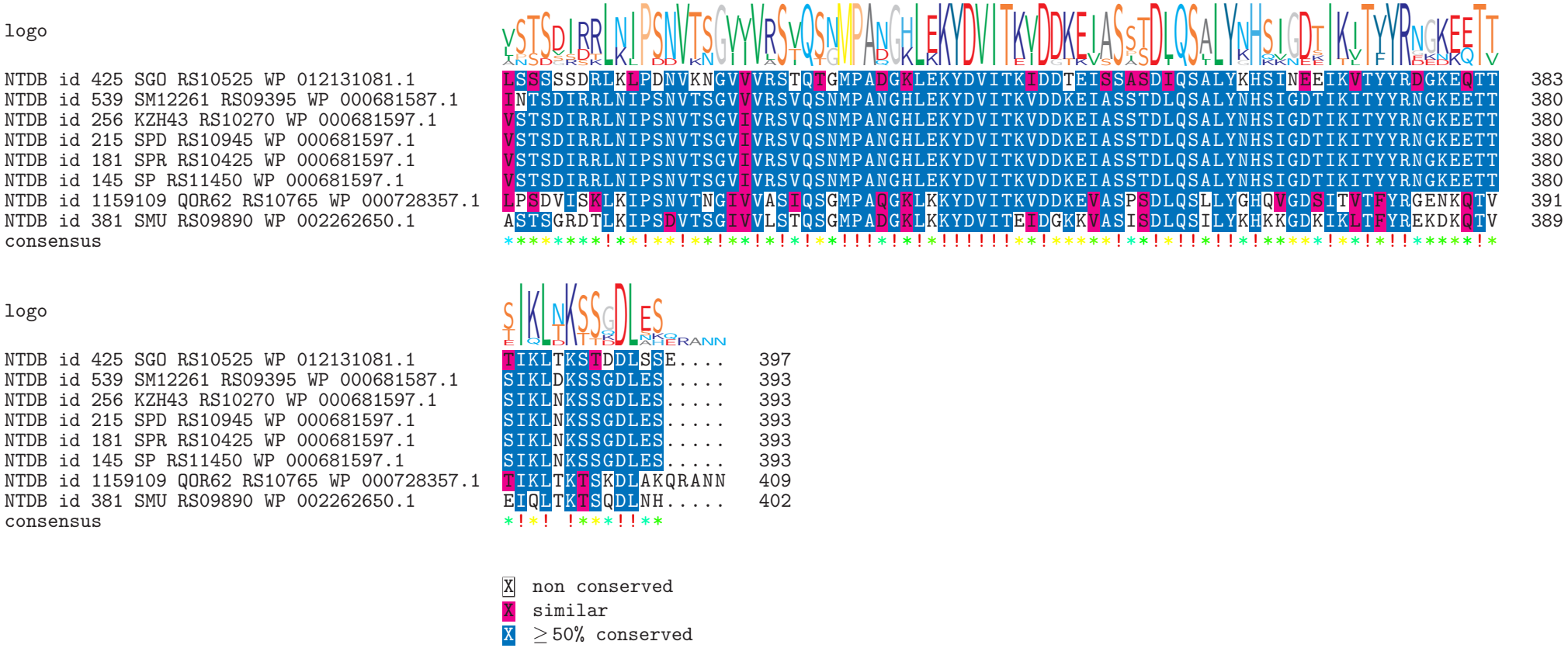
logo
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NTDB id 539 SM12261 RS09395 WP 000681587.1 INTSDIRRLNIPSNVTSGVVVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETT 380
NTDB id 256 KZH43 RS10270 WP 000681597.1 VSTSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETT 380
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NTDB id 181 SPR RS10425 WP 000681597.1 VSTSDIRRLNIPSNVTSGVIVRSVQSNMPANGHLEKYDVITKVDDKEIASSTDLQSALYNHSIGDTIKITYYRNGKEETT 380
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consensus
logo
NTDB id 425 SGO RS10525 WP 012131081.1 TIKLTKSTDDLSSE.... 397
NTDB id 539 SM12261 RS09395 WP 000681587.1 SIKLDKSSGDLES..... 393
NTDB id 256 KZH43 RS10270 WP 000681597.1 SIKLNKSSGDLES..... 393
NTDB id 215 SPD RS10945 WP 000681597.1 SIKLNKSSGDLES..... 393
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NTDB id 1159109 QOR62 RS10765 WP 000728357.1 TIKLTKTSKDLAKQRANN 409
NTDB id 381 SMU RS09890 WP 002262650.1 EIQLTKTSQDLNH..... 402
consensus
X non conserved
X similar
X ≥ 50% conserved