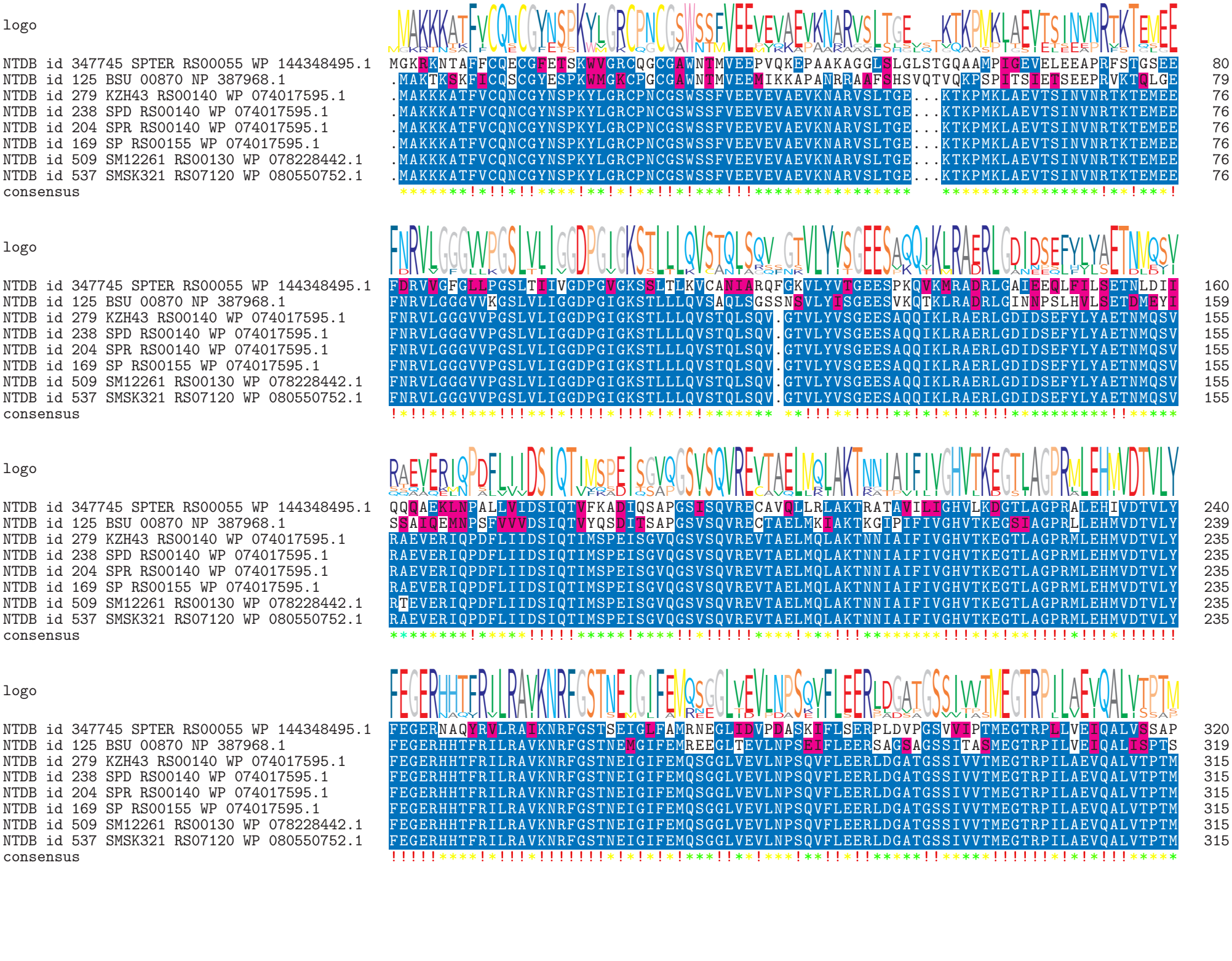
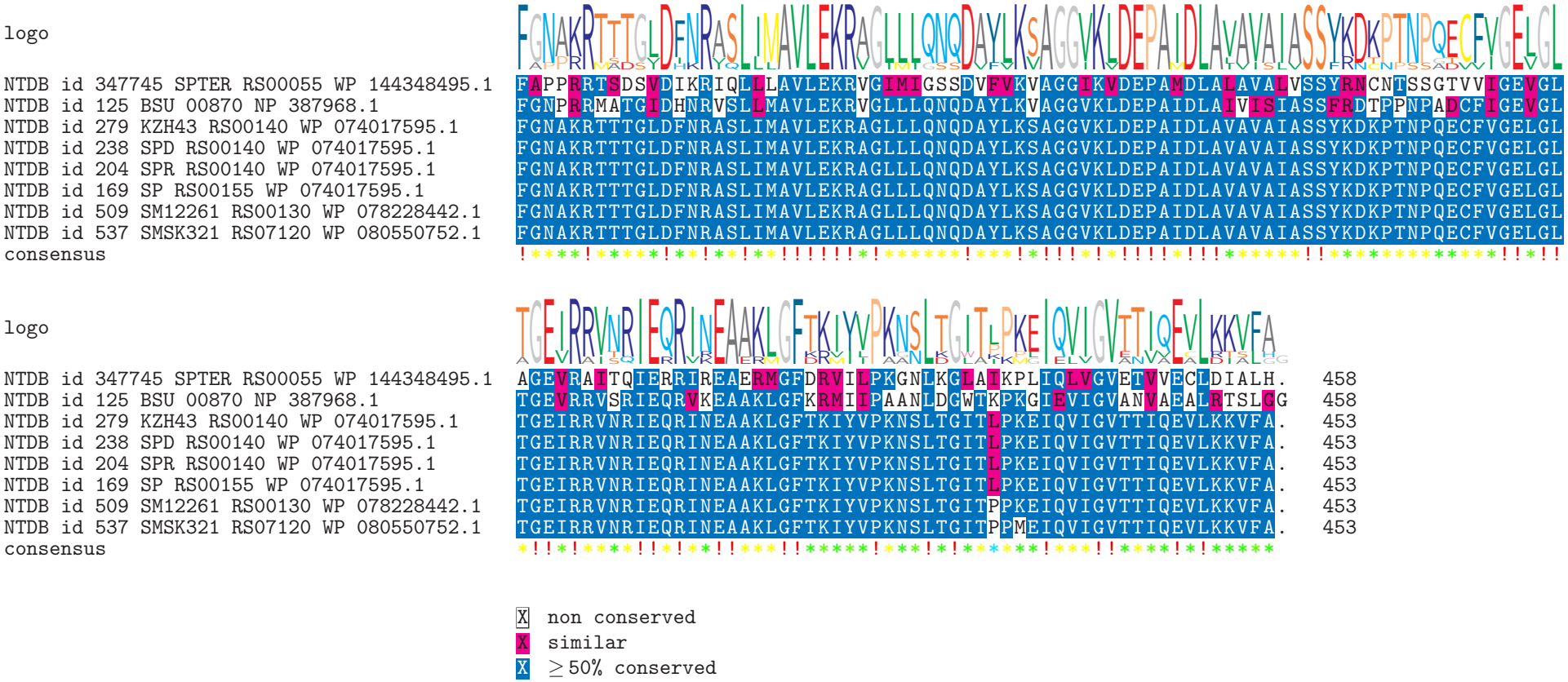

logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 MGKRKNTAFFCQECGFETSKWVGRCQGCGAWNTMVEEPVQKEPAAKAGGLSLGLSTGQAAMPIGEVELEEAPRFSTGSEE 80
NTDB id 125 BSU 00870 NP 387968.1 .MAKTKSKFICQSCGYESPKWMGKCPGCGAWNTMVEEMIKKAPANRRAAFSHSVQTVQKPSPITSIETSEEPRVKTQLGE 79
NTDB id 279 KZH43 RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
NTDB id 238 SPD RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
NTDB id 204 SPR RS00140 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
NTDB id 169 SP RS00155 WP 074017595.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
NTDB id 509 SM12261 RS00130 WP 078228442.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
NTDB id 537 SMSK321 RS07120 WP 080550752.1 .MAKKKATFVCQNCGYNSPKYLGRCPNCGSWSSFVEEVEVAEVKNARVSLTGE...KTKPMKLAEVTSINVNRTKTEMEE 76
consensus
logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 FDRVVGFGLLPGSLTIIVGDPGVGKSSLTLKVCANIARQFGKVLYVTGEESPKQVKMRADRLGAIEEQLFILSETNLDII 160
NTDB id 125 BSU 00870 NP 387968.1 FNRVLGGGVVKGSLVLIGGDPGIGKSTLLLQVSAQLSGSSNSVLYISGEESVKQTKLRADRLGINNPSLHVLSETDMEYI 159
NTDB id 279 KZH43 RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 238 SPD RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 204 SPR RS00140 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 169 SP RS00155 WP 074017595.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 509 SM12261 RS00130 WP 078228442.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FNRVLGGGVVPGSLVLIGGDPGIGKSTLLLQVSTQLSQV.GTVLYVSGEESAQQIKLRAERLGDIDSEFYLYAETNMQSV 155
consensus
logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 QQQAEKLNPALLVIDSIQTVFKADIQSAPGSISQVRECAVQLLRLAKTRATAVILIGHVLKDGTLAGPRALEHIVDTVLY 240
NTDB id 125 BSU 00870 NP 387968.1 SSAIQEMNPSFVVVDSIQTVYQSDITSAPGSVSQVRECTAELMKIAKTKGIPIFIVGHVTKEGSIAGPRLLEHMVDTVLY 239
NTDB id 279 KZH43 RS00140 WP 074017595.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 238 SPD RS00140 WP 074017595.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 204 SPR RS00140 WP 074017595.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 169 SP RS00155 WP 074017595.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 509 SM12261 RS00130 WP 078228442.1 RTEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
NTDB id 537 SMSK321 RS07120 WP 080550752.1 RAEVERIQPDFLIIDSIQTIMSPEISGVQGSVSQVREVTAELMQLAKTNNIAIFIVGHVTKEGTLAGPRMLEHMVDTVLY 235
consensus
logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 FEGERNAQYRVLRAIKNRFGSTSEIGLFAMRNEGLIDVPDASKIFLSERPLDVPGSVVIPTMEGTRPLLVEIQALVSSAP 320
NTDB id 125 BSU 00870 NP 387968.1 FEGERHHTFRILRAVKNRFGSTNEMGIFEMREEGLTEVLNPSEIFLEERSAGSAGSSITASMEGTRPILVEIQALISPTS 319
NTDB id 279 KZH43 RS00140 WP 074017595.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 238 SPD RS00140 WP 074017595.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 204 SPR RS00140 WP 074017595.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 169 SP RS00155 WP 074017595.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 509 SM12261 RS00130 WP 078228442.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FEGERHHTFRILRAVKNRFGSTNEIGIFEMQSGGLVEVLNPSQVFLEERLDGATGSSIVVTMEGTRPILAEVQALVTPTM 315
consensus


logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 FAPPRRTSDSVDIKRIQLLLAVLEKRVGIMIGSSDVFVKVAGGIKVDEPAMDLALAVALVSSYRNCNTSSGTVVIGEVGL 400
NTDB id 125 BSU 00870 NP 387968.1 FGNPRRMATGIDHNRVSLLMAVLEKRVGLLLQNQDAYLKVAGGVKLDEPAIDLAIVISIASSFRDTPPNPADCFIGEVGL 399
NTDB id 279 KZH43 RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 238 SPD RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 204 SPR RS00140 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 169 SP RS00155 WP 074017595.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 509 SM12261 RS00130 WP 078228442.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
NTDB id 537 SMSK321 RS07120 WP 080550752.1 FGNAKRTTTGLDFNRASLIMAVLEKRAGLLLQNQDAYLKSAGGVKLDEPAIDLAVAVAIASSYKDKPTNPQECFVGELGL 395
consensus
logo
NTDB id 347745 SPTER RS00055 WP 144348495.1 AGEVRAITQIERRIREAERMGFDRVILPKGNLKGLAIKPLIQLVGVETVVECLDIALH. 458
NTDB id 125 BSU 00870 NP 387968.1 TGEVRRVSRIEQRVKEAAKLGFKRMIIPAANLDGWTKPKGIEVIGVANVAEALRTSLGG 458
NTDB id 279 KZH43 RS00140 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 238 SPD RS00140 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 204 SPR RS00140 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 169 SP RS00155 WP 074017595.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITLPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 509 SM12261 RS00130 WP 078228442.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPKEIQVIGVTTIQEVLKKVFA. 453
NTDB id 537 SMSK321 RS07120 WP 080550752.1 TGEIRRVNRIEQRINEAAKLGFTKIYVPKNSLTGITPPMEIQVIGVTTIQEVLKKVFA. 453
consensus
X non conserved
X similar
X ≥ 50% conserved