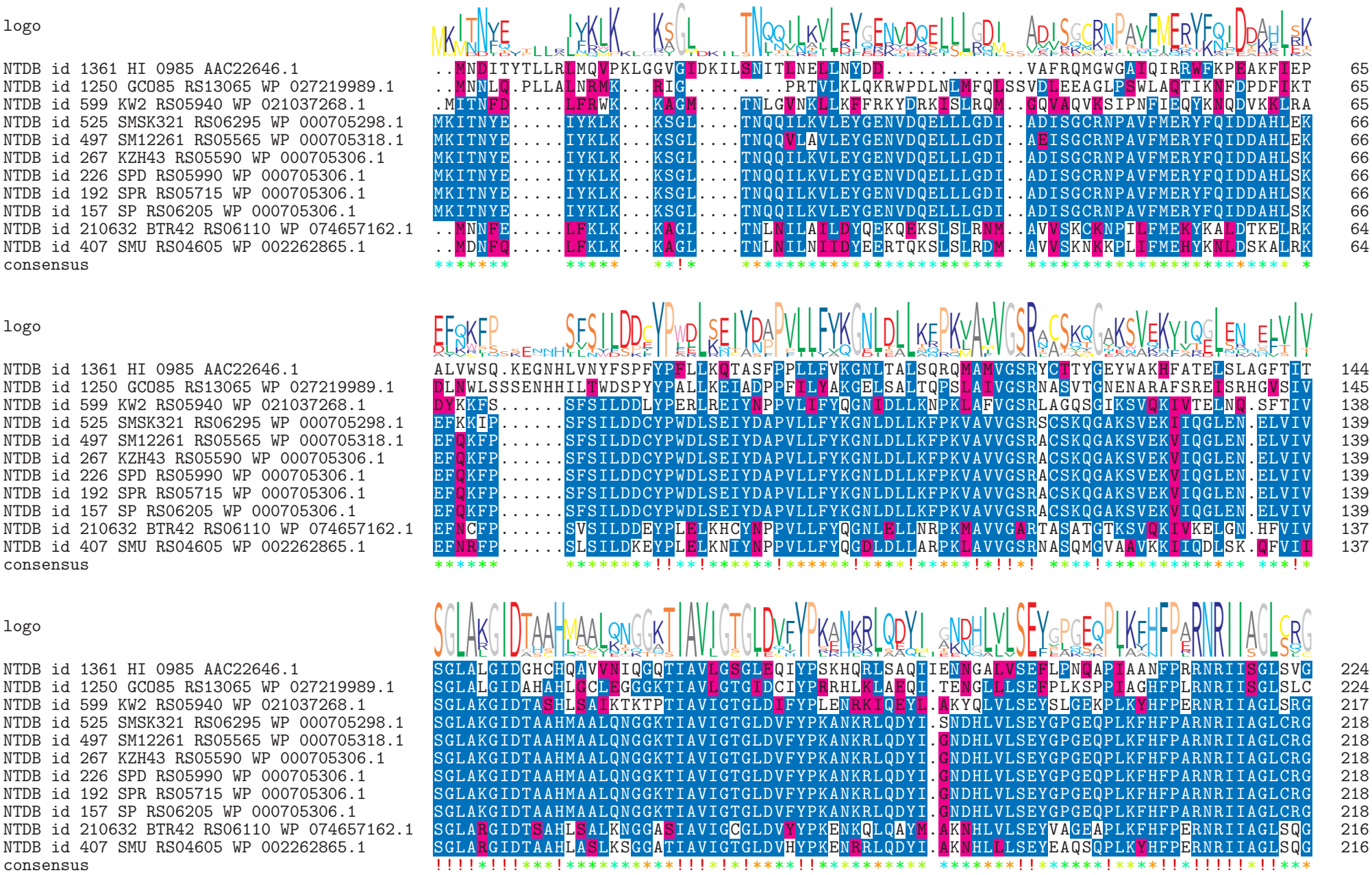
logo
NTDB id 1361 HI 0985 AAC22646.1 ..MNDITYTLLRLMQVPKLGGVGIDKILSNITLNELLNYDD.....VAFRQMGWGAIQIRRWFKPEAKFIEP 65
NTDB id 1250 GCO85 RS13065 WP 027219989.1 ..MNNLQ.PLLALNRMK...RIG.....PRTVLKLQKRWPDLNLMFQLSSVDLEEAGLPSWLAQTIKNFDPDFIKT 65
NTDB id 599 KW2 RS05940 WP 021037268.1 .MITNFD.....LFRWK...KAGM....TNLGVNKLLKFFRKYDRKISLRQM..GQVAQVKSIPNFIEQYKNQDVKKLRA 65
NTDB id 525 SMSK321 RS06295 WP 000705298.1 MKITNYE.....IYKLK...KSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLEK 66
NTDB id 497 SM12261 RS05565 WP 000705318.1 MKITNYE.....IYKLK...KSGL....TNQQVLAVLEYGENVDQELLLGDI..AEISGCRNPAVFMERYFQIDDAHLEK 66
NTDB id 267 KZH43 RS05590 WP 000705306.1 MKITNYE.....IYKLK...KSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK 66
NTDB id 226 SPD RS05990 WP 000705306.1 MKITNYE.....IYKLK...KSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK 66
NTDB id 192 SPR RS05715 WP 000705306.1 MKITNYE.....IYKLK...KSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK 66
NTDB id 157 SP RS06205 WP 000705306.1 MKITNYE.....IYKLK...KSGL....TNQQILKVLEYGENVDQELLLGDI..ADISGCRNPAVFMERYFQIDDAHLSK 66
NTDB id 210632 BTR42 RS06110 WP 074657162.1 ..MNNFE.....LFKLK...KAGL....TNLNILAILDYQEKQEKSLSLRNM..AVVSKCKNPILFMEKYKALDTKELRK 64
NTDB id 407 SMU RS04605 WP 002262865.1 ..MDNFQ.....LFKLK...KAGL....TNLNILNIIDYEERTQKSLSLRDM..AVVSKNKKPLIFMEHYKNLDSKALRK 64
consensus
logo
NTDB id 1361 HI 0985 AAC22646.1 ALVWSQ.KEGNHLVNYFSPFYPFLLKQTASFPPLLFVKGNLTALSQRQMAMVGSRYCTTYGEYWAKHFATELSLAGFTIT 144
NTDB id 1250 GCO85 RS13065 WP 027219989.1 DLNWLSSSENHHILTWDSPYYPALLKEIADPPFILYAKGELSALTQPSLAIVGSRNASVTGNENARAFSREISRHGVSIV 145
NTDB id 599 KW2 RS05940 WP 021037268.1 DYKKFS.....SFSILDDLYPERLREIYNPPVLIFYQGNIDLLKNPKLAFVGSRLAGQSGIKSVQKIVTELNQ.SFTIV 138
NTDB id 525 SMSK321 RS06295 WP 000705298.1 EFKKIP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRSCSKQGAKSVEKIIQGLEN.ELVIV 139
NTDB id 497 SM12261 RS05565 WP 000705318.1 EFQKFP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIV 139
NTDB id 267 KZH43 RS05590 WP 000705306.1 EFQKFP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIV 139
NTDB id 226 SPD RS05990 WP 000705306.1 EFQKFP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIV 139
NTDB id 192 SPR RS05715 WP 000705306.1 EFQKFP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIV 139
NTDB id 157 SP RS06205 WP 000705306.1 EFQKFP.....SFSILDDCYPWDLSEIYDAPVLLFYKGNLDLLKFPKVAVVGSRACSKQGAKSVEKVIQGLEN.ELVIV 139
NTDB id 210632 BTR42 RS06110 WP 074657162.1 EFNCFP.....SVSILDDEYPLELKHCYNPPVLLFYQGNLELLNRPKMAVVGARTASATGTKSVQKIVKELGN.HFVIV 137
NTDB id 407 SMU RS04605 WP 002262865.1 EFNRFP.....SLSILDKEYPLELKNIYNPPVLLFYQGDLDLLARPKLAVVGSRNASQMGVAAVKKIIQDLSK.QFVII 137
consensus
logo
NTDB id 1361 HI 0985 AAC22646.1 SGLALGIDGHCHQAVVNIQGQTIAVLGSGLEQIYPSKHQRLSAQIIENNGALVSEFLPNQAPIAANFPRRNRIISGLSVG 224
NTDB id 1250 GCO85 RS13065 WP 027219989.1 SGLALGIDAHAHLGCLEGGGKTIAVLGTGIDCIYPRRHLKLAEQI.TENGLLLSEFPLKSPPIAGHFPLRNRIISGLSLC 224
NTDB id 599 KW2 RS05940 WP 021037268.1 SGLAKGIDTASHLSAIKTKTPTIAVIGTGLDIFYPLENRKIQEYL.AKYQLVLSEYSLGEKPLKYHFPERNRIIAGLSRG 217
NTDB id 525 SMSK321 RS06295 WP 000705298.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.SNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 497 SM12261 RS05565 WP 000705318.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 267 KZH43 RS05590 WP 000705306.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 226 SPD RS05990 WP 000705306.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 192 SPR RS05715 WP 000705306.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 157 SP RS06205 WP 000705306.1 SGLAKGIDTAAHMAALQNGGKTIAVIGTGLDVFYPKANKRLQDYI.GNDHLVLSEYGPGEQPLKFHFPARNRIIAGLCRG 218
NTDB id 210632 BTR42 RS06110 WP 074657162.1 SGLARGIDTSAHLSALKNGGASIAVIGCGLDVYYPKENKQLQAYM.AKNHLVLSEYVAGEAPLKFHFPERNRIIAGLSQG 216
NTDB id 407 SMU RS04605 WP 002262865.1 SGLARGIDTAAHLASLKSGGATIAVIGTGLDVHYPKENRRLQDYI.AKNHLLLSEYEAQSQPLKYHFPERNRIIAGLSQG 216
consensus

```
logo

NTDB id 1361 HI 0985 AAC22646.1     TLVVEATEKSGSLITARYALEQNREVFAVPGNIQNKSSQGCHRLIKQGAMLVENAKDILETLYQHSIHSQTEIDFDQIAV  304
NTDB id 1250 GCO85 RS13065 WP 027219989.1  ILVIEAAIKSGSLITARMALEQNRDVLAIPGSIHNPLARGCHYLLQQGAKLVTSVADVLDELKIEHHQFTSN.......K  297
NTDB id 599 KW2 RS05940 WP 021037268.1  VVVVEAKLRSGSLITCERALEEGRDIFAIPGNIADGTSDGCNHLIQQGAKLVYQAQDILEEYLYN...............  282
NTDB id 525 SMSK321 RS06295 WP 000705298.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 497 SM12261 RS05565 WP 000705318.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 267 KZH43 RS05590 WP 000705306.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 226 SPD RS05990 WP 000705306.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 192 SPR RS05715 WP 000705306.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 157 SP RS06205 WP 000705306.1  VIVAEAKMRSGSLITCERAMEEGRDVFAIPGSILDGLSDGCHHLIQEGAKLVTSGQDVLAEFEF...............  282
NTDB id 210632 BTR42 RS06110 WP 074657162.1  VIVVEAKLRSGSLITCERALEEGRDVFAIPGNILDGKSDGCHHLIKEGAKCVTSGLDILSEYQI...............  280
NTDB id 407 SMU RS04605 WP 002262865.1  VMVAEAKIRSGSLITCERAMEEGRDVFVVPGNILDGQSEGCHHLIQEGAKCITSGFDILNEFNF...............  280
consensus                           **!*!!***!!!!!!***!*!**!*****!!*!*****!!**!***!!********!*!*****

logo

NTDB id 1361 HI 0985 AAC22646.1     PNYTPPPDPRRLVEAPSHPKLYSRIGYTPVSIDDLAEEFNLSVDVLLVQLLDLELQDLIISENGLYKRV....   373
NTDB id 1250 GCO85 RS13065 WP 027219989.1  PI.........FSLASGKENLVKFIGFETTTIDQIIDRSGYGMEQVTSGLAELELKGAVIAVPGGYIRCEYER   361
NTDB id 599 KW2 RS05940 WP 021037268.1  ..........................................................................   282
NTDB id 525 SMSK321 RS06295 WP 000705298.1  ..........................................................................   282
NTDB id 497 SM12261 RS05565 WP 000705318.1  ..........................................................................   282
NTDB id 267 KZH43 RS05590 WP 000705306.1  ..........................................................................   282
NTDB id 226 SPD RS05990 WP 000705306.1  ..........................................................................   282
NTDB id 192 SPR RS05715 WP 000705306.1  ..........................................................................   282
NTDB id 157 SP RS06205 WP 000705306.1  ..........................................................................   282
NTDB id 210632 BTR42 RS06110 WP 074657162.1  ..........................................................................   280
NTDB id 407 SMU RS04605 WP 002262865.1  ..........................................................................   280
consensus
```

X non conserved

X similar

X ≥ 50% conserved