logo

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NTDB id 358 SMU RS01425 WP 002263523.1          MKQVIYVVLIVIAVNILLEIIKRVTKRGGTVSSSNPLPDGQSKLFWRRHYKLVPQIDTRDCGPAVLASVAKHYGSNYSIA  80
NTDB id 1139487 DQM67 RS01780 WP 005591091.1    ..........................................MRFTKRHY..RAQVDARDCGVAALAMIYGYYGSYYSLA  36
NTDB id 421 SGO RS10260 WP 012131060.1          ..........................................MKFRKQHY..RAQVDTRDCGVAALAMIFGYYGSYFSLA  36
NTDB id 483 SM12261 RS00275 WP 000668315.1      ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLA  36
NTDB id 511 SMSK321 RS10730 WP 000668322.1      ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLA  36
NTDB id 247 KZH43 RS00220 WP 000668290.1        ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA  36
NTDB id 206 SPD RS00235 WP 000668290.1          ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA  36
NTDB id 171 SPR RS00230 WP 000668290.1          ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA  36
NTDB id 131 SP RS00255 WP 000668284.1           ..........................................MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA  36
consensus                                                                                 **!***!!  **!*!**!!!*!*!!*****!!!****!
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NTDB id 358 SMU RS01425 WP 002263523.1          YLRELSKTNKQGTTALGIVEAAKKLGFETRSIKADMTLFDYNDLTYPFIVHVIKGKRLQHYYVVYGSQNNQLIIGDPDPS  160
NTDB id 1139487 DQM67 RS01780 WP 005591091.1    SLREMAKTTLRGTTAFGLVKVSEELGFETRAFKADMSLFDMKGIVYPFIAHVIKDKKLLHYYVVTGHDKHSVYIADPDPA  116
NTDB id 421 SGO RS10260 WP 012131060.1          TLREKAKTTNDGTTALGLVKVAEGLNFETRAFKADMSLFDLEEVSYPFIAHILKDGKLLHYYVVTGQDKHTIHIADPDPQ  116
NTDB id 483 SM12261 RS00275 WP 000668315.1      HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPG  116
NTDB id 511 SMSK321 RS10730 WP 000668322.1      HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKGSIHIADPDPG  116
NTDB id 247 KZH43 RS00220 WP 000668290.1        HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPG  116
NTDB id 206 SPD RS00235 WP 000668290.1          HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPG  116
NTDB id 171 SPR RS00230 WP 000668290.1          HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPG  116
NTDB id 131 SP RS00255 WP 000668284.1           HLRELAKTTMDGTTALGLVKVAEEIGFETRAIKADMTLFDLPDLTFPFVAHVLKEGKLLHYYVVTGQDKDSIHIADPDPG  116
consensus                                       *!!!**!!***!!!!*!*!*******!!!!**!!!!*!!!******!!*!**!***!*!!!!!*!********!*!!!!*
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logo

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NTDB id 421 SGO RS10260 WP 012131060.1          VKMTKISRERFEQEWTGITIFLAPSPAYKPSQEKKNGLLDFIPLLIKQKGLITNIVLATLLVTLINIVGSYYLQSIIDTY  196
NTDB id 483 SM12261 RS00275 WP 000668315.1      VKLTKLPRERFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTLINIVGSYYLQSIIDTY  196
NTDB id 511 SMSK321 RS10730 WP 000668322.1      VKLTKLPRERFAEEWTGVTLFMAPSPDYKPHKDQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY  196
NTDB id 247 KZH43 RS00220 WP 000668290.1        VKLTKLPRERFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY  196
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NTDB id 171 SPR RS00230 WP 000668290.1          VKLTKLPRERFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY  196
NTDB id 131 SP RS00255 WP 000668284.1           VKLTKLPRERFEEEWTGVTLFMAPSPDYKPHKEQKNGLLSFIPILVKQRGLIANIVLATLLVTVINIVGSYYLQSIIDTY  196
consensus                                       !!*!****!*!**!!!!***!*!!*!*!*!****!!!!**!*!***!!**!***!**!***!!*!*!!!!!!*!*!*!*!
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NTDB id 1139487 DQM67 RS01780 WP 005591091.1    VPNQMRNTLGIISLGLIVVYILQQVLTYAQSYLLLILGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFNDANSII  276
NTDB id 421 SGO RS10260 WP 012131060.1          VPDHMKITLGMISIGLIIVYILQQFLSYAQEYLLLVLGQRLSIDVILSYIKHVFQLPMSFFATRRTGEIVSRFTDANRII  276
NTDB id 483 SM12261 RS00275 WP 000668315.1      VPDQMRSTLGIISIGLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
NTDB id 511 SMSK321 RS10730 WP 000668322.1      VPDQMRSTLGIISIGLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
NTDB id 247 KZH43 RS00220 WP 000668290.1        VPDQMRSTLGIISIGLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
NTDB id 206 SPD RS00235 WP 000668290.1          VPDQMRSTLGIISIGLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
NTDB id 171 SPR RS00230 WP 000668290.1          VPDQMRSTLGIISIGLVIVYILQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
NTDB id 131 SP RS00255 WP 000668284.1           VPDQMRSTLGIISIGLVIVYIFQQILSYAQEYLLLVLGQRLSIDVILSYIKHVFHLPMSFFATRRTGEIVSRFTDANSII  276
consensus                                       *!*****!!!*!**!!***!!*!!****!**!!!**!**!!*!!!!!!!!!!!!*!*!!!!!!!!!!!!!!!*!!!*!!!*!!
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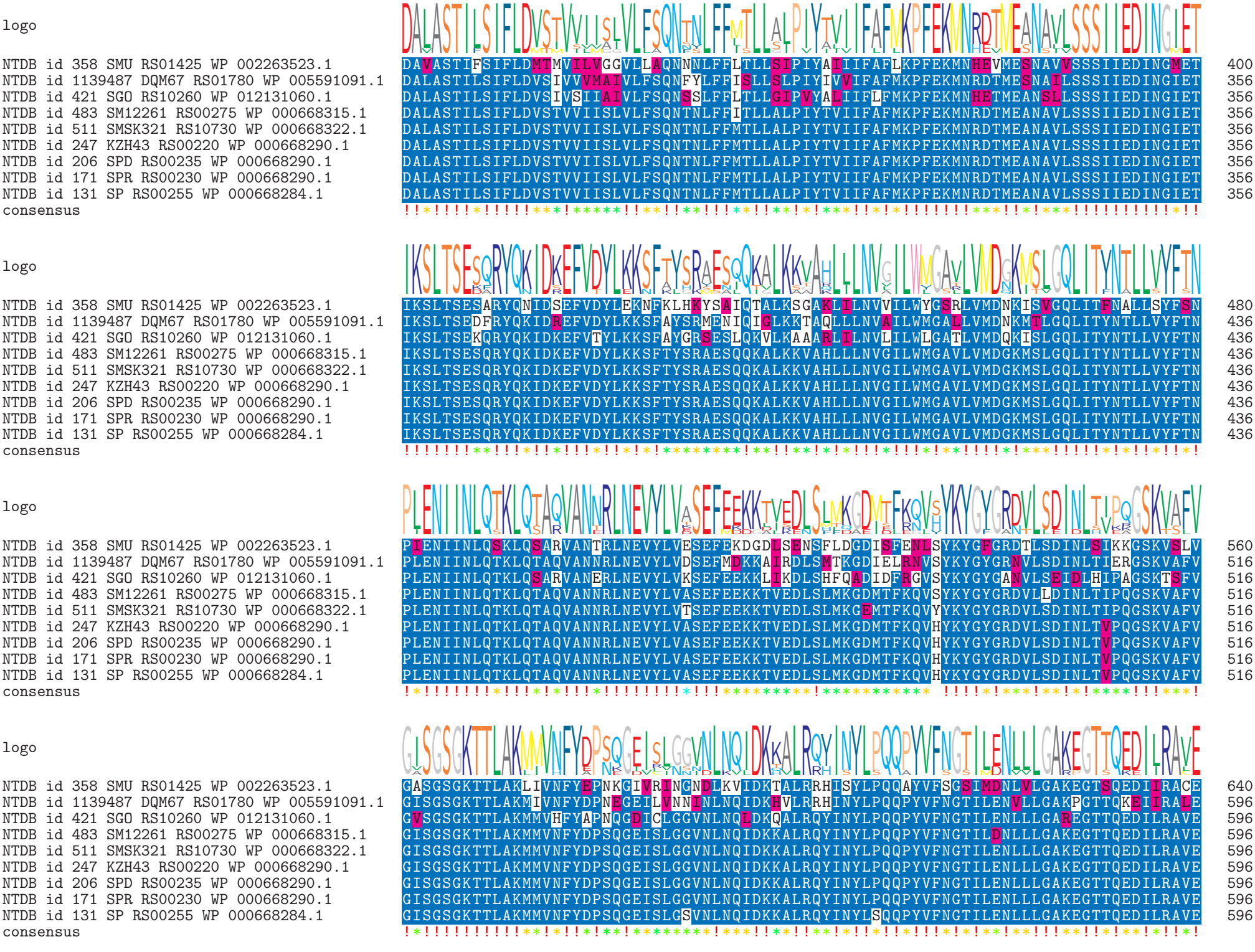
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NTDB id 1139487 DQM67 RS01780 WP 005591091.1 DALASTILSIFLDVSIVVVMAIVLFSQNFYLFFISLLSLPIYIVVIFAFMKPFEKMNRDTMESNAILSSSIIEDINGIET 356
NTDB id 421 SGO RS10260 WP 012131060.1 DALASTILSIFLDVSIVSIIAIVLFSQNSSLFFLTLLGIPVYALIIFLFMKPFEKMNHETMEANSLLSSSIIEDINGIET 356
NTDB id 483 SM12261 RS00275 WP 000668315.1 DALASTILSIFLDVSTVVIISLVLFSQNTNLFFITLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 511 SMSK321 RS10730 WP 000668322.1 DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 247 KZH43 RS00220 WP 000668290.1 DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
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NTDB id 171 SPR RS00230 WP 000668290.1 DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 131 SP RS00255 WP 000668284.1 DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
consensus
logo
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NTDB id 483 SM12261 RS00275 WP 000668315.1 IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
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consensus
logo
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NTDB id 247 KZH43 RS00220 WP 000668290.1 PLENIINLQTKLQTAQVANNRLNEVYLVASEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFV 516
NTDB id 206 SPD RS00235 WP 000668290.1 PLENIINLQTKLQTAQVANNRLNEVYLVASEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFV 516
NTDB id 171 SPR RS00230 WP 000668290.1 PLENIINLQTKLQTAQVANNRLNEVYLVASEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFV 516
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consensus
logo
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NTDB id 247 KZH43 RS00220 WP 000668290.1 GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
NTDB id 206 SPD RS00235 WP 000668290.1 GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
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consensus

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logo
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NTDB id 421 SGO RS10260 WP 012131060.1          LAEIRSDIERMPLNYQTELSADGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIIDNLMVL.DKTIIFIA   675
NTDB id 483 SM12261 RS00275 WP 000668315.1      LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLMAL.DKTLIFIA   675
NTDB id 511 SMSK321 RS10730 WP 000668322.1      LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPILILDEATSSLDILTEKRIVDNLMAL.DKTLIFIA   675
NTDB id 247 KZH43 RS00220 WP 000668290.1        LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA   675
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NTDB id 171 SPR RS00230 WP 000668290.1          LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA   675
NTDB id 131 SP RS00255 WP 000668284.1           LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA   675
consensus                                       *!!!!*!!!*!!**!!!!!!**!!*!!!!!!!*!!*!!!!!!!!!*!!*!!!!!!!!!*!!!!!!!*!**!!***  *!!*!!*!
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logo
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NTDB id 421 SGO RS10260 WP 012131060.1          HRLTIAERSEQVVVLDQGRIVESGSHKELIEREGFYHHLVNS   717
NTDB id 483 SM12261 RS00275 WP 000668315.1      HRLTIAERTEKVVVLDQGKIVEEGNHADLLAQGGFYAHLVNS   717
NTDB id 511 SMSK321 RS10730 WP 000668322.1      HRLTIAERTEKVVVLNQGKIVEEGKHADLLAQGGFYAHLVNS   717
NTDB id 247 KZH43 RS00220 WP 000668290.1        HRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS   717
NTDB id 206 SPD RS00235 WP 000668290.1          HRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS   717
NTDB id 171 SPR RS00230 WP 000668290.1          HRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS   717
NTDB id 131 SP RS00255 WP 000668284.1           HRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS   717
consensus                                       !!!*!**!***!*!***!*!!!*!*!**!****!!!**!*!*
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X non conserved
X similar
X ≥ 50% conserved