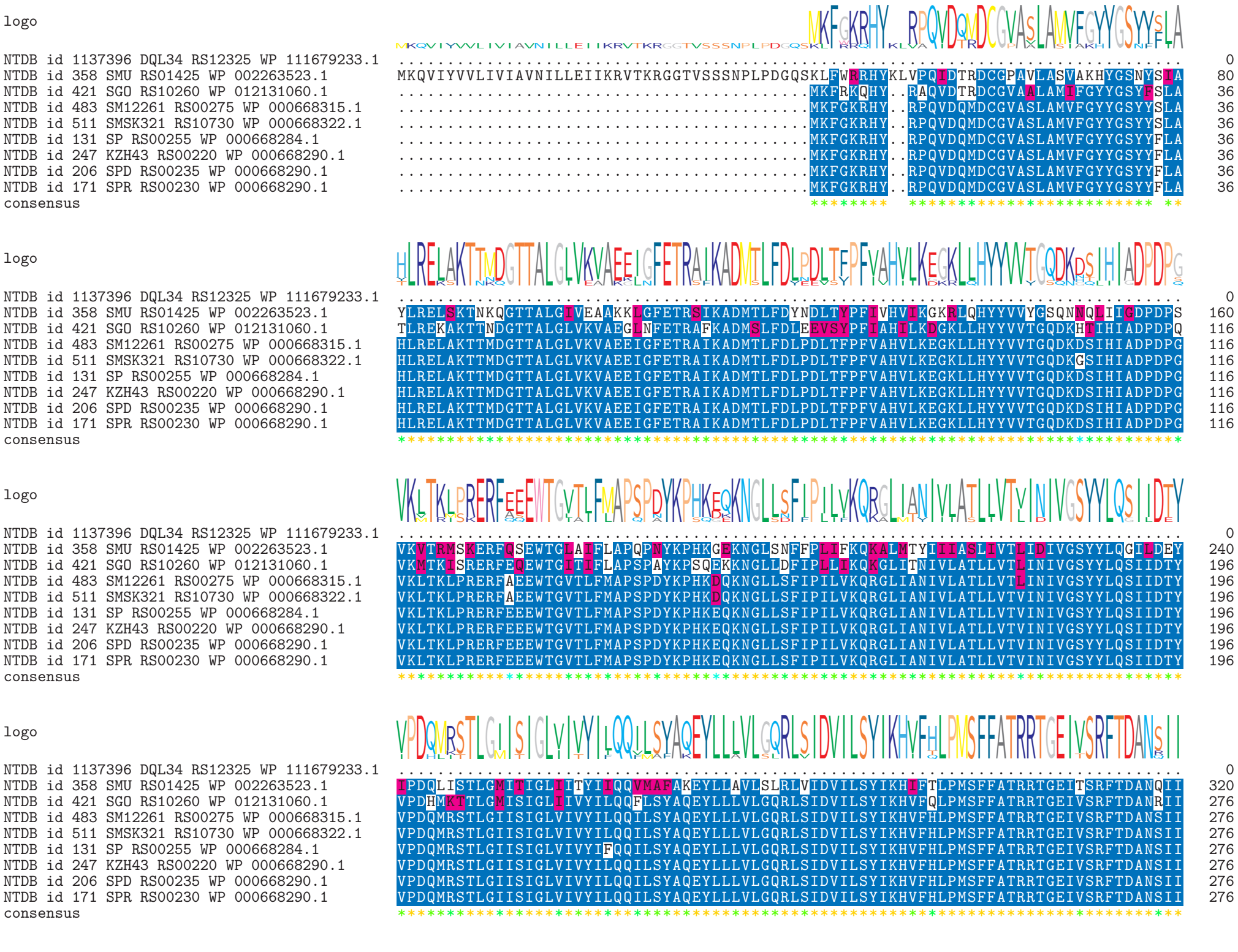
logo
NTDB id 1137396 DQL34 RS12325 WP 111679233.1
NTDB id 358 SMU RS01425 WP 002263523.1
NTDB id 421 SGO RS10260 WP 012131060.1
NTDB id 483 SM12261 RS00275 WP 000668315.1
NTDB id 511 SMSK321 RS10730 WP 000668322.1
NTDB id 131 SP RS00255 WP 000668284.1
NTDB id 247 KZH43 RS00220 WP 000668290.1
NTDB id 206 SPD RS00235 WP 000668290.1
NTDB id 171 SPR RS00230 WP 000668290.1
consensus
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MKFRKQHY..RAQVDTRDCGVAALAMIFGYYGSYFSLA 36
MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLA 36
MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYSLA 36
MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA 36
MKFGKRHY..RPQVDQMDCGVASLAMVFGYYGSYYFLA 36
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logo

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NTDB id 1137396 DQL34 RS12325 WP 111679233.1 ..........................................................MEANSQVNTAVIDDLRGIET  20
NTDB id 358 SMU RS01425 WP 002263523.1       DAVASTIFSIFLDMTMVILVGGVLLAQNNNLFFLTLLSIPIYAIIIFAFLKPFEKMNHEVMESNAVVSSSIIEDINGMET 400
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 131 SP RS00255 WP 000668284.1        DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 247 KZH43 RS00220 WP 000668290.1     DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 206 SPD RS00235 WP 000668290.1       DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
NTDB id 171 SPR RS00230 WP 000668290.1       DALASTILSIFLDVSTVVIISLVLFSQNTNLFFMTLLALPIYTVIIFAFMKPFEKMNRDTMEANAVLSSSIIEDINGIET 356
consensus                                    ********************************************************!!*!*******!*!**!*!! 
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logo

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NTDB id 1137396 DQL34 RS12325 WP 111679233.1 LKSLRVEERRYREIEVKFHDYLKKSLSKAKWQLTQDGLKTVVQLVSNVFILWYGGQLVMEGQLSAGQLITYNMLLNYFTT 100
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NTDB id 483 SM12261 RS00275 WP 000668315.1   IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
NTDB id 511 SMSK321 RS10730 WP 000668322.1   IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
NTDB id 131 SP RS00255 WP 000668284.1        IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
NTDB id 247 KZH43 RS00220 WP 000668290.1     IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
NTDB id 206 SPD RS00235 WP 000668290.1       IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
NTDB id 171 SPR RS00230 WP 000668290.1       IKSLTSESQRYQKIDKEFVDYLKKSFTYSRAESQQKALKKVAHLLLNVGILWMGAVLVMDGKMSLGQLITYNTLLVYFTN 436
consensus                                    *!!!**!**!!**!***!**!!*!**********!**!!****!**!!*!!!*!**!!!****!*!!!!!*!*!!*!!** 
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logo

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NTDB id 1137396 DQL34 RS12325 WP 111679233.1 PLINIINLQSKIQQAKVANNCLQEVYVVDKE..EKGKLKELSFK..QLAFKGVSHRFSYQ..................  156
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NTDB id 511 SMSK321 RS10730 WP 000668322.1   PLENIINLQTKLQTAQVANNRLNEVYLVTSEFEEKKTVEDLSLMKGEMTFKQVYYKYGYGRDVLSDINLTIPQGSKVAFV 516
NTDB id 131 SP RS00255 WP 000668284.1        PLENIINLQTKLQTAQVANNRLNEVYLVASEFEEKKTVEDLSLMKGDMTFKQVHYKYGYGRDVLSDINLTVPQGSKVAFV 516
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
consensus                                    !**!!!!!!*!*!*!*!!!**!*!!!*!**!**********!*******!***  ************************** 
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logo

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NTDB id 1137396 DQL34 RS12325 WP 111679233.1 ..........................................................................................  156
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NTDB id 511 SMSK321 RS10730 WP 000668322.1   GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
NTDB id 131 SP RS00255 WP 000668284.1        GISGSGKTTLAKMMVNFYDPSQGEISLGSVNLNQIDKKALRQYINYLSQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
NTDB id 247 KZH43 RS00220 WP 000668290.1     GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
NTDB id 206 SPD RS00235 WP 000668290.1       GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
NTDB id 171 SPR RS00230 WP 000668290.1       GISGSGKTTLAKMMVNFYDPSQGEISLGGVNLNQIDKKALRQYINYLPQQPYVFNGTILENLLLGAKEGTTQEDILRAVE 596
consensus                                    ********************************************************************************** 
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logo

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NTDB id 483 SM12261 RS00275 WP 000668315.1    LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLMAL.DKTLIFIA  675
NTDB id 511 SMSK321 RS10730 WP 000668322.1    LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPILILDEATSSLDILTEKRIVDNLMAL.DKTLIFIA  675
NTDB id 131 SP RS00255 WP 000668284.1         LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA  675
NTDB id 247 KZH43 RS00220 WP 000668290.1      LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA  675
NTDB id 206 SPD RS00235 WP 000668290.1        LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA  675
NTDB id 171 SPR RS00230 WP 000668290.1        LAEIREDIERMPLNYQTELTSDGAGISGGQRQRIALARALLTDAPVLILDEATSSLDILTEKRIVDNLIAL.DKTLIFIA  675
consensus                                     ************************************************************** *********
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logo

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NTDB id 1137396 DQL34 RS12325 WP 111679233.1  ........................................  156
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NTDB id 483 SM12261 RS00275 WP 000668315.1    HRLTIAERTEKVVVLDQGKIVEEGNHADLLAQGGFYAHLVNS  717
NTDB id 511 SMSK321 RS10730 WP 000668322.1    HRLTIAERTEKVVVLNQGKIVEEGKHADLLAQGGFYAHLVNS  717
NTDB id 131 SP RS00255 WP 000668284.1         HRLTIAERTEKVVVLDQGKIVEEGKHADLLAQGGFYAHLVNS  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
consensus                                     ****************************************
```

X non conserved

X similar

X ≥ 50% conserved