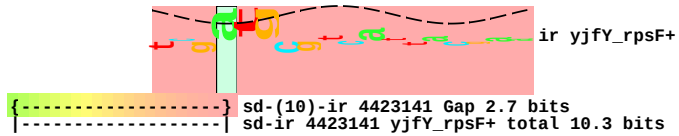
piece 1, NC_000913, yjfY_rpsF+, config: linear, direction: +, begin: 4422785, end: 4423160
*4422790 *4422800 *4422810 *4422820 *4422830 *4422840 *4422850 *4422860
5' agccagaaggctaaacacgactgaacatagataccttcctcgacggctgacttttgtgtgctcctcctctgtgatgatcttc 3'
- ser - gln - lys - gly - -fMet - leu - ser - ser - val - met - ile - phe -
- ala - arg - arg - ala - lys - thr - arg - leu - asn - ile - asp - thr - ser - ser - thr - ala - asp - phe - val - cys - ser - pro - leu -
- pro - glu - gly - leu - lys - his - asp - -fMet - cys - ala - leu - leu - cys - asp - asp - leu - leu -
... ----------] NC_000913.yjfY
*4422870 *4422880 *4422890 *4422900 *4422910 *4422920 *4422930 *4422940
5' tgatttaatttaatcaatgataaagaagttgatggtgaccatttctgatgcagttgttcaaaaaaacaccatgatgaagt 3'
-fMet - gln - leu - phe - lys - lys - thr - pro -
- ile - -fMet - ile - lys - lys - leu - met - val - thr - ile - ser - asp - ala - val - val - gln - lys - asn - thr - met - met - lys - cys -
ir yjfY_rpsF+ ... ir
sd ir yjfY_rpsF+ sd
{----------} sd-(7)-ir 4422898 Gap 3.7 bits
|----------| sd-ir 4422898 yjfY_rpsF+ total 5.8 bits
{----------} ... sd-(8)-ir 4422947
|---------- ... sd-ir 4422947 yjfY
{----------} sd-(10)-ir 4422901 Gap 2.7 bits
sd
|----------| sd-ir 4422901 yjfY_rpsF+ total 6.9 bits
{--------- ... sd-(8)-ir 4422950
|--------- ... sd-ir 4422950 yjfY
*4422950 *4422960 *4422970 *4422980 *4422990 *4423000 *4423010 *4423020
5' gtgatgaacttcaaatcagcgtgttagaggttaattgcgaaagggagatttattcggctcctgcccttgagtttagcgag 3'
-fMet - met - asn - phe - lys - ser - ala - cys -
-fMet - arg - lys - gly - arg - phe - ile - ser - ala - leu - pro - leu - ser - leu - ala - arg -
- asp - glu - leu - gln - ile - ser - val - leu - glu - val - asn - cys - glu - arg - gly - asp - leu - phe - arg - leu - cys - pro -
... ir yjfY_rpsF+ [###> orf 9 codons [###> orf 40 codons
ir yjfY_rpsF+ p35 4.7 bits
... } sd-(8)-ir 4422947 Gap 2.4 bits
... | sd-ir 4422947 yjfY_rpsF+ total 5.2 bits
{---------- ... p35-(23)-p10 44230
---------- ... p35-p10 4423038 to
{---------- ... p35-(26)-p10 44230
---------- ... p35-p10 4423041 to
... ------} sd-(8)-ir 4422950 Gap 2.4 bits
... ------| sd-ir 4422950 yjfY_rpsF+ total 6.8 bits
*4423030 *4423040 *4423050 *4423060 *4423070 *4423080 *4423090 *4423100
5' gcatacaagtactataacgcgtcatttttcagccgaccttaacacgttcctgcctcccccgggattcggctgacccagac 3'
-fMet - pro - pro - arg - asp - ser - ala - asp - pro - asp -
- his - thr - ser - thr - ile - thr - arg - his - phe - ser - ala - asp - leu -
p10 5.6 bits
p10 4.1 bits
... ----------} p35-(23)-p10 4423038 Gap 1.4 bits
... ----------| p35-p10 4423038 total 8.9 bits
... ----------} p35-(26)-p10 4423041 Gap 3.7 bits
... ----------| p35-p10 4423041 total 5.1 bits
*4423110 *4423120 *4423130 *4423140 *4423150 *4423160
5' aggaggctgaataatccgtaaggagcaattcgatgcgtcattacgaaatcgt 3'
- arg - arg - leu - asn - asn - pro -
-fMet - arg - his - tyr - glu - ile -
sd [---------- ... NC_000913.rpsF


ir yjfY_rpsF+
{------------------} sd-(10)-ir 4423141 Gap 2.7 bits
|------------------| sd-ir 4423141 yjfY_rpsF+ total 10.3 bits