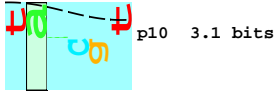
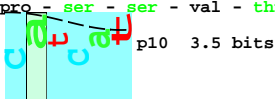


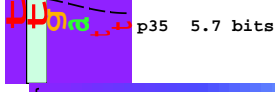
piece 1, NC_000913, imp_dj1A+, config: linear, direction: +, begin: 57080, end: 57383

5' ^{*57080} ^{*} ^{*57090} ^{*} ^{*57100} ^{*} ^{*57110} ^{*} ^{*57120} ^{*} ^{*57130} ^{*} ^{*57140} ^{*} ^{*57150} ^{*} ^{*57160}
 ggcaaggagagtgaggatcagtttttttcatacgttgatttttccatcattcggtaaacggttcgctgacaaaagggtc3'
 - gly - gln - glu - ser - gly - asp - thr - phe - phe - his - thr - leu - ile - leu - leu - phe - his - his - arg - ● - - - - -
 - ala - arg - arg - val - gly - ile - arg - phe - phe - ile - arg - ● - - - - -
 - pro - gly - glu - trp - gly - tyr - val - phe - ser - tyr - val - asp - phe - ile - val - pro - ser - ser - val - thr - leu - arg - val - thr - asn - gly - gln -

...-----] NC_000913.imp

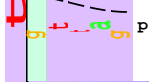


{-----} p35-(24)-p10 57129 Gap 2.4 bits
 p35-p10 57129 total 6.3 bits

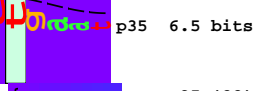


{-----} p35-(24)-p10 57138 Gap 2.4 bits
 p35-p10 57138 total 6.3 bits

5' ^{*} ^{*57170} ^{*} ^{*57180} ^{*} ^{*57190} ^{*} ^{*57200} ^{*} ^{*57210} ^{*} ^{*57220} ^{*} ^{*57230} ^{*} ^{*57240}
 agagactaacgtaactcgtcactctctcagcctagtggttaatacctcctgacgaatagcgtcagtggtggttaggcaaggcattgaaat3'
 - arg - leu - thr - tyr - ser - ser - ser - leu - arg - ● - fMet - leu - ile - leu - ser - glu - ● - fMet - val - leu - gly - thr - ala - leu - asn - ● - fMet -

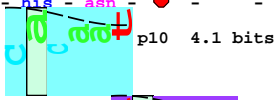
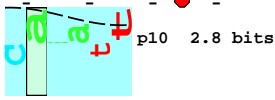
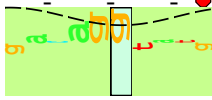


{-----} ... p35-(26)-p10 57249 Gap
 ... p35-p10 57249 total 4.4



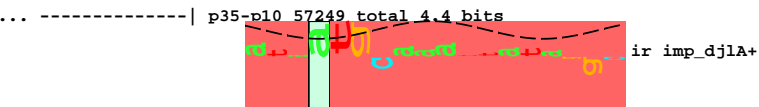
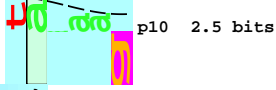
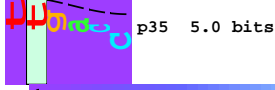
{-----} ... p35-(22)-p10 57259 Gap
 ... p35-p10 57259 total 7.1
 {-----} ... p35-(24)-p10 57261 Gap
 ... p35-p10 57261 total 7.4

5' ^{*} ^{*57250} ^{*} ^{*57260} ^{*} ^{*57270} ^{*} ^{*57280} ^{*} ^{*57290} ^{*} ^{*57300} ^{*} ^{*57310} ^{*} ^{*57320}
 gacagggtatgataatgcaaatatagggcgaatgacccgacagccgggaaaaacgggtaaaaagcacctttatattgt3'
 - asp - arg - tyr - asp - asn - ala - asn - tyr - arg - arg - cys - pro - thr - ile - asp - arg - ser - arg - lys - thr - val - lys - ala - pro - leu - tyr - cys -
 - thr - gly - met - ile - met - gln - ile - ile - gly - asp - val - pro - gln - leu - thr - ala - ala - gly - lys - arg - ● - - - - fMet - trp -



orf 17 codons

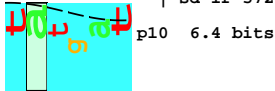
{-----} p35-(26)-p10 57249 Gap 3.7 bits

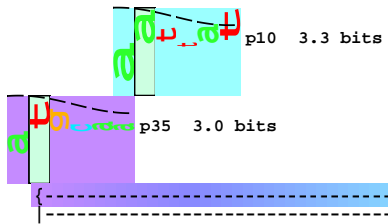


{-----} p35-(21)-p10 57304 Gap 3.3 bits
 p35-p10 57304 total 4.2 bits

{-----} p35-(22)-p10 57259 Gap 2.3 bits
 ... p35-p10 57259 total 7.1 bits
 {-----} p35-(24)-p10 57261 Gap 2.4 bits
 ... p35-p10 57261 total 7.4 bits

{-----} sd-(8)-ir 57255 Gap 2.4 bits
 sd-ir 57255 imp_dj1A+ total 11.7 bits





5' ^{*}gggagatagccctgatatccgtgtgtcgaatttgggggaaataatgtagtattggggaaaaat^{*} 3'

- gly - arg - ● - - - - - - - - - - - - - - - fMet - gly - asn - ile - cys - ser - ile - gly - glu - lys -

- gly - asp - ser - pro - asp - ile - arg - val - ser - ile - trp - gly - ile - tyr - ala - val - leu - gly - lys - asn -

- glu - ile - ala - leu - ile - ser - val - cys - arg - phe - gly - glu - tyr - met - gin - tyr - trp - gly - lys -

[----- ... NC_000913.dj1A