piece 1, NC_000913, fiu_ybiM+, config: linear, direction: +, begin: 840725, end: 841038

```
         *      *840730   *      *840740   *      *840750   *      *840760   *      *840770   *      *840780   *      *840790   *      *840800   *
5' tctggcagggaaattgcgattgtttttccattttgcaggtgactttttcttatatgttgaaattttcactgccacgagaaag 3'
   - ser - gly - arg - glu - ile - ala - ile - val - phe - his - phe - ala - gly - asp - phe - phe - leu - tyr - val - glu - ile - phe - thr - ala - thr - arg - lys -
     - leu - ala - gly - lys - leu - arg - leu - phe - ser - ile - leu - gln - val - thr - phe - ser - tyr - met - leu - lys - phe - ser - leu - pro - arg - glu - ser -
       - trp - gln - gly - asn - cys - asp - cys - phe - pro - phe - cys - arg - ●   -     -     -     -     -     -     -     -     -     -     -     -     -
... -------------------------------------------------------] NC_000913.fiu                                                    ir fiu_ybiM+
```
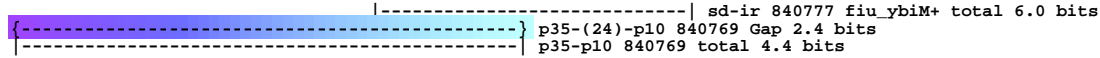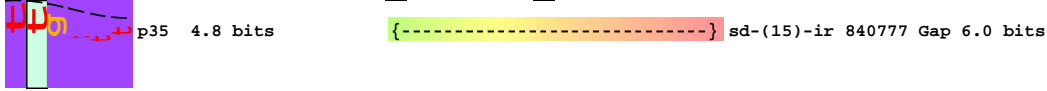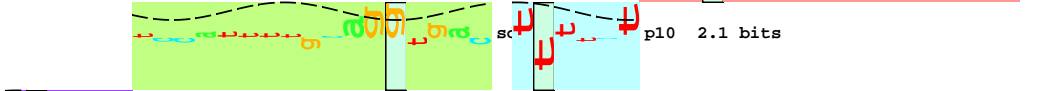
sd   p10   2.1 bits

p35   4.8 bits   {-----------------------} sd-(15)-ir 840777 Gap 6.0 bits

|-------------------------------| sd-ir 840777 fiu_ybiM+ total 6.0 bits

{-----------------------------------} p35-(24)-p10 840769 Gap 2.4 bits
-------------------------------------| p35-p10 840769 total 4.4 bits
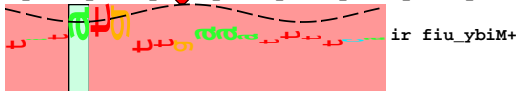
```
         *      *840810   *      *840820   *      *840830   *      *840840   *      *840850   *      *840860   *      *840870   *      *840880   *
5' cctctctgcggatgccactgttaatcccgtgatagtgctcgtgaaagtgataataattttgataagcattatcact 3'
   - pro - leu - cys - gly - cys - asp - ala - thr - val - asn - pro - val - ile - val - leu - val - lys - val - ile - ile - ile - leu - ile - ser - ile - ile - thr -
     - leu - ser - ala - asp - ala - met - pro - leu - leu - ile - pro - ●   -     -     -     -     -     -     -     -     -     -     -     -     - -fMet -
       -     -     - -fMet - arg - cys - his - cys - ●   -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
                           [###> orf 22 codons                                                                          p35   5.6 bits
```

{--------------------------} ... p35-(24)-p10 840894 Gap
------------------------------ ... p35-p10 840894 total 4.3

```
         *      *840890   *      *840900   *      *840910   *      *840920   *      *840930   *      *840940   *      *840950   *      *840960   *
5' tggagcgattttctatcacccattgcgcgaaaaagaaatacatttattacattgagttcatatttgatgttttttgatta 3'
   - trp - ser - asp - phe - leu - ser - pro - ile - ala - arg - lys - arg - asn - thr - phe - ile - tyr - ile - glu - phe - ile - phe - asp - val - phe - ●   -
     -     - -fMet - arg - glu - lys - glu - ile - his - leu - phe - thr - leu - ser - ser - tyr - leu - met - phe - phe - asp - tyr -
       - glu - arg - phe - ser - ile - thr - his - cys - ala - lys - lys - lys - tyr - ile - tyr - leu - his - ●   -     -     -     -     - -fMet - ile - thr -
```
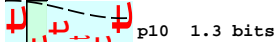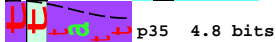
p10   1.1 bits   p35   2.8 bits   p10   5.1 bits   p10   2.5 bits
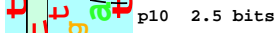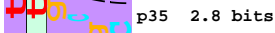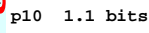
... {--------------} p35-(24)-p10 840894 Gap 2.4 bits   p35   4.8 bits   p10   1.3 bits

... --------------| p35-p10 840894 total 4.3 bits {-----------------------} p35-(26)-p10 840936 Gap 3.7 bits   p35   3.9 bits

|-------------------------------| p35-p10 840936 total 4.2 bits {--------------------} p35-(22)-p10 840980 Gap
{-----------------------} p35-(21)-p10 840951 Gap 3.3 bits
-------------------------| p35-p10 840951 total 4.1 bits

p35   5.5 bits |------------------ ... p35-p10 840980 total 4.3

{----------------------------} p35-(24)-p10 840958 Gap 2.4 bits
------------------------------| p35-p10 840958 total 4.4 bits
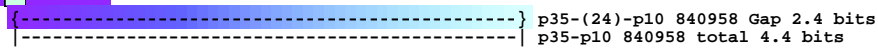
```
         *      *840970   *      *840980   *      *840990   *      *841000   *      *841010   *      *841020   *      *841030   *
5' caaacagacgaaaactgcatccagaggcgaatgcagttacgttgggtggggttatttgtagatggttgcag 3'
                                                                 -fMet - val - gly - leu - phe - val - asp - gly - cys -
   - lys - thr - asp - glu - asn - cys - ile - gln - arg - arg - met - gln - leu - arg - trp - trp - gly - tyr - leu - ●   -fMet - val - ala -
     - lys - gln - thr - lys - thr - ala - ser - arg - gly - glu - cys - ser - tyr - val - gly - gly - val - ile - cys - arg - trp - leu - gln -
```
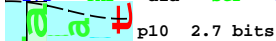
p10   2.7 bits   <------------------------------------ ... NC_000913.ybiM

... --------------------------} p35-(22)-p10 840980 Gap 2.3 bits

... ------------------------| p35-p10 840980 total 4.3 bits