piece 1, NC_000913, yobF_yebO+, config: linear, direction: +, begin: 1905586, end: 1906304
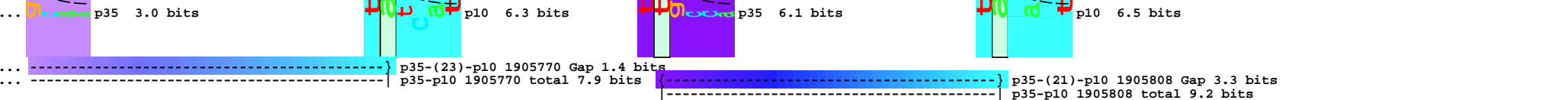
```
          *1905590  *        *1905600  *        *1905610  *        *1905620  *        *1905630  *        *1905640  *        *1905650  *        *1905660  *
5' cagg acttctttactgaaaatgccacacataaacagaactgtacctcgtttaacccgaaatctgttatcacatacaacgtt 3'
   - gln - asp - phe - phe - thr - glu - asn - ala - thr - his - lys - gln - asn - arg - thr - val - pro - arg - leu - thr - arg - asn - leu - leu - ser - his - thr - thr - val -
       - arg - thr - ser - leu - leu - lys - met - pro - his - ile - asn - arg - thr - val - pro - ser - phe - asn - pro - lys - ser - val - ile - thr - tyr - asn - val -
           - gly - leu - leu - tyr -       ●                        ●                                                ●                                                        ●
... ---------------------------------------------------------] NC_000913.yobF                                          p35   4.1 bits                                        ... sd
```

{ ----- ... sd-(7)-ir 1905671 Gap
{ ----- ... sd-ir 1905671 yobF_yebO+

p10   2.7 bits

{ ------------------------------ } p35-(24)-p10 1905659 Gap 2.4 bits
  ------------------------------   p35-p10 1905659 total 4.4 bits
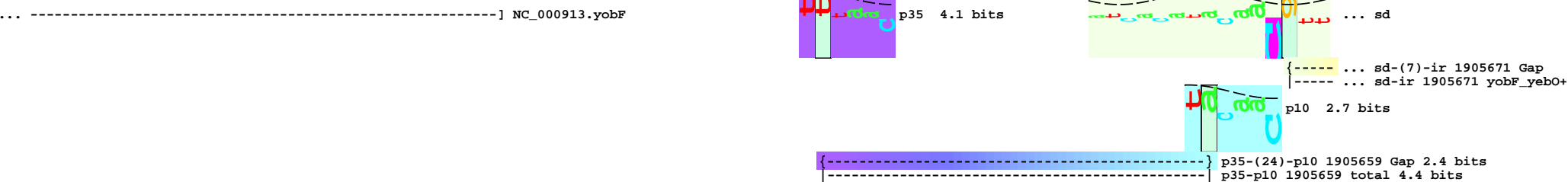
```
          *1905670  *        *1905680  *        *1905690  *        *1905700  *        *1905710  *        *1905720  *        *1905730  *        *1905740  *
5' aattatggcaagccatttttaaacatgtctcgatcagacgcacaaatctcgatacgtcttccactttttttgcacacttat 3'
   - asn - tyr - gly - lys - pro - phe - leu - asn - met - ser - arg - ser - asp - ala - gln - ile - ser - ile - arg - leu - pro - leu - phe - leu - his - thr - tyr -
       - ile - met - ala - ser - his - phe -    ●                                                                                                            - fMet -
```

... ♫♫ sd   [###> orf 6 codons   ... p35

... -------- } sd-(7)-ir 1905671 Gap 3.7 bits   { - ... p35-(23)-p10 1905770 Gap
... -------- sd-ir 1905671 yobF yebO+ total 5.5 bits | - ... p35-p10 1905770 total 7.9

ir yobF_yebO+

```
          *1905750  *        *1905760  *        *1905770  *        *1905780  *        *1905790  *        *1905800  *        *1905810  *        *1905820  *
5' gcaacgaattacgtatatatcgatattattgtgcttaaacttgccagttcaggcagatacttaaactggcgtattttctaaca 3'
   - ala - thr - glu - tyr - ala - pro - ile - tyr - his - cys - ala -    ●
       - gln - arg - asn - thr - arg - arg - tyr - ile - ile - val - leu - asn - leu - ala - ser - ser - gly - arg - tyr - leu - asn - trp - arg - ile - phe -   ●
                                           - fMet - cys - leu - thr -     - leu - pro - val - gln - ala - asp - thr -
```

... ♫♫ p35   3.0 bits   p10   6.3 bits   p35   6.1 bits   p10   6.5 bits

... ------------------------------------ } p35-(23)-p10 1905770 Gap 1.4 bits
... ------------------------------------   p35-p10 1905770 total 7.9 bits   { --------------------------- } p35-(21)-p10 1905808 Gap 3.3 bits
                                                                                   ---------------------------   p35-p10 1905808 total 9.2 bits

```
          *1905830  *        *1905840  *        *1905850  *        *1905860  *        *1905870  *        *1905880  *        *1905890  *        *1905900  *
5' tagttcaataagttcagttgttccaggccagtgggagaagttattacatagtgcgtgcaatatcacatttttgctatgca 3'
                                           - fMet - gly - glu - val - ile - thr -   ●       - fMet - gln - tyr - his - ile - phe - cys - tyr - ala -
                                                                                                                                       - fMet - gln -
       ●                   ●             - fMet - phe - gln - ala - ser - gly - arg - ser - tyr - tyr - ile - val - arg - ala - ile - ser - his - phe - leu - leu - cys - asn -
```
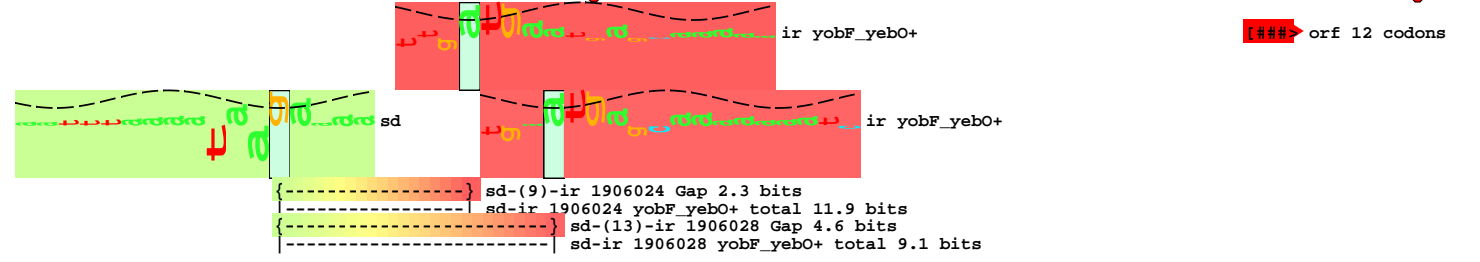
p35   5.2 bits

{ ----------------- ... p35-(22)-p10 1905923 Gap
  ----------------- ... p35-p10 1905923 total 5.3
{ ----------------- ... p35-(23)-p10 1905924 Gap
  ----------------- ... p35-p10 1905924 total 6.0

```
          *1905910  *        *1905920  *        *1905930  *        *1905940  *        *1905950  *        *1905960  *        *1905970  *        *1905980  *        *1905990
5' atgaataaaaagttatatcactttttctcataaaacagtcagttaacggctattaattacctaaagagaagtcaatcccc 3'
   - met - asn - lys - lys - leu - tyr - his - phe - phe - ser -          ●                        ●                          ●                ●
       - glu -       ●                                                                                                                                                    
```
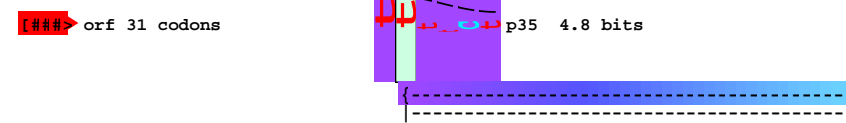
p10   2.4 bits

... -------------------- } p35-(22)-p10 1905923 Gap 2.3 bits
... --------------------   p35-p10 1905923 total 5.3 bits
... -------------------- } p35-(23)-p10 1905924 Gap 1.4 bits

... ----------------------------| p35-p10 1905924 total 6.0 bits

p10   2.2 bits

```
        *        *1906000  *       *1906010  *       *1906020  *       *1906030  *       *1906040  *       *1906050  *       *1906060  *       *1906070
5' a a a g g g a t t g t a a a t t t a a a a t a a g a a a a a t t g a t g a a t g a g c a a a a a a a t c a a g a g a g a a a c g t t t c g c t a a t a a a t a a t 3'
```
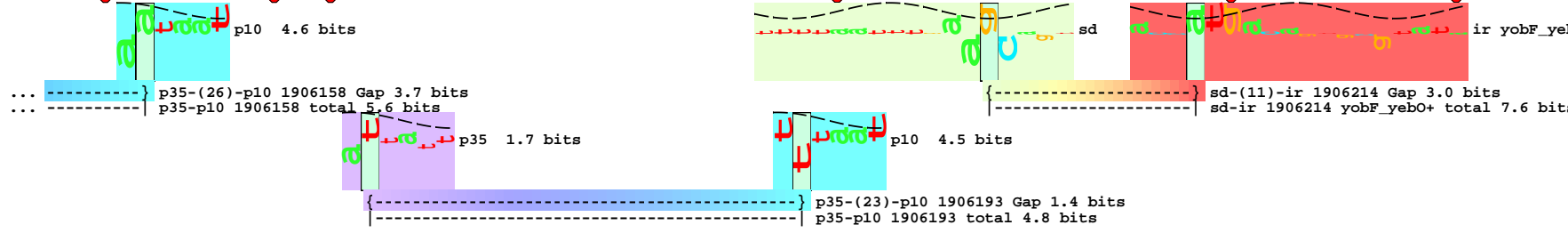-fMet - met - asn - glu - gln - lys - lys - asn - gln - glu - arg - asn - val - ser - leu - ile - asn - asn -
-fMet - ser - lys - lys - ile - lys - arg - glu - thr - phe - arg -

ir yobF_yebO+

ir yobF_yebO+

[###> orf 12 codons

sd

{-------------} sd-(9)-ir 1906024 Gap 2.3 bits
-----------------| sd-ir 1906024 yobF_yebO+ total 11.9 bits
{-------------------} sd-(13)-ir 1906028 Gap 4.6 bits
----------------------| sd-ir 1906028 yobF_yebO+ total 9.1 bits

```
        *        *1906080  *       *1906090  *       *1906100  *       *1906110  *       *1906120  *       *1906130  *       *1906140  *       *1906150
5' a c c a c g c t t a a t c a c a a a t c c g a t g t a a a c a t c c t a a t a a a t t a a t g g g g t a a a t a t c t t t t t c t g a t a t c c c g t t a c g c a 3'
```
- thr - thr - leu - asn - his - lys - ser - asp - val - asn - ile - leu - ile - asn -
-fMet -
-fMet - gly -

[###> orf 31 codons

p35   4.8 bits

{-------------------------... p35-(26)-p10 1906158 Gap
------------------------------... p35-p10 1906158 total 5.6

```
        *        *1906160  *       *1906170  *       *1906180  *       *1906190  *       *1906200  *       *1906210  *       *1906220  *       *1906230
5' a a t a a a t a a t a t g a t a a t t a t t t g a a g t c a g a c c a g a g t t t t a a t t t g a a g c a g t t g c a c c a t g a c a g t g c g t a t a a t c a g 3'
```
-fMet - lys - ser - asp - gln - ser - phe - asn - leu - lys - gln - leu - his - his - asp - ser - ala - tyr - asn - gln -
-fMet - ile - ile - ile -
-fMet - thr - val - arg - ile - ile - arg -

p10   4.6 bits

sd

ir yobF_yebO+

... ------------} p35-(26)-p10 1906158 Gap 3.7 bits
... ----------| p35-p10 1906158 total 5.6 bits

{-------------------} sd-(11)-ir 1906214 Gap 3.0 bits
--------------------| sd-ir 1906214 yobF_yebO+ total 7.6 bits

p35   1.7 bits

p10   4.5 bits

{------------------------------} p35-(23)-p10 1906193 Gap 1.4 bits
--------------------------------| p35-p10 1906193 total 4.8 bits

```
        *        *1906240  *       *1906250  *       *1906260  *       *1906270  *       *1906280  *       *1906290  *       *1906300
5' g a t g a a t t g a g t a a c c c t t c a a c g a c g g g g t t a c t c a a g a t t g a g g a a g g a t t a t c g t t c g g c g a c c a g a c 3'
```
- asp - glu - leu - ser - asn - pro - ser - thr - thr - gly - leu - leu - lys - ile - glu - glu - gly - leu - ser - phe - gly - asp - gln -
met - asn -
-fMet - arg - lys - asp - tyr - arg - ser - ala - thr - arg -

[###> orf 10 codons

<------------------------------------ ... NC_000913.yebO