- 1 -

piece 1, NC_000913, ydgC_rstA+, config: linear, direction: +, begin: 1680025, end: 1680202
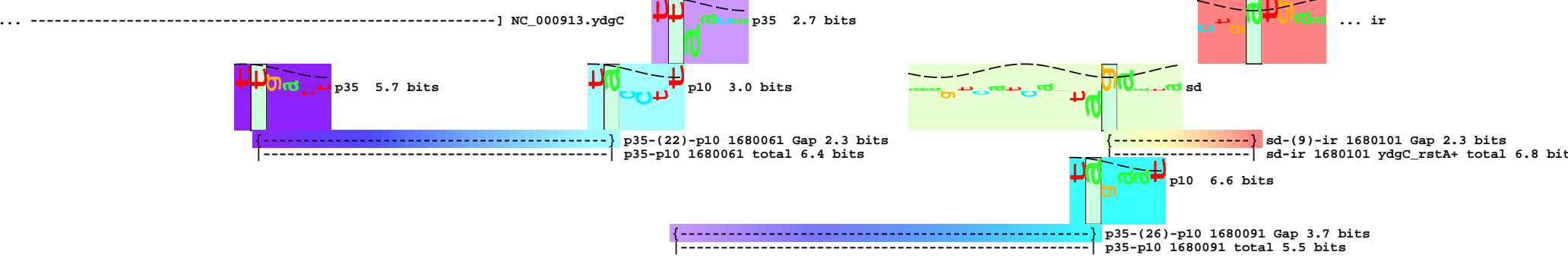
```
        *      *1680030  *      *1680040  *      *1680050  *      *1680060  *      *1680070  *      *1680080  *      *1680090  *      *1680100  *
5' accgagcgcggctttgattaccagccccatcttttaccttaacacttccataacaagtcatcagtagaatacctgatgaa 3'
   -   thr - glu - arg - gly - phe - asp - tyr - gln - pro - his - leu - phe - thr - leu - thr - leu - pro -   -   -   -   -   -fMet - lys -
   -   arg - ala - arg - leu -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -
... ------------------------------------------------] NC_000913.ydgC                                                          ... ir
```

p35  2.7 bits

p35  5.7 bits

p10  3.0 bits

sd

p35-(22)-p10 1680061 Gap 2.3 bits
p35-p10 1680061 total 6.4 bits

sd-(9)-ir 1680101 Gap 2.3 bits
sd-ir 1680101 ydgC_rstA+ total 6.8 bit

p10  6.6 bits

p35-(26)-p10 1680091 Gap 3.7 bits
p35-p10 1680091 total 5.5 bits

```
        *1680110  *      *1680120  *      *1680130  *      *1680140  *      *1680150  *      *1680160  *      *1680170  *      *1680180  *
5' aacttgtttagaaacgattgatagtaaaacagcgcggtgtattgtgacgtttttatatctaccgtgaatgttatga 3'
   -   -fMet - phe - arg - asn - asp -   -   -   -   -   -   -   -fMet - thr - phe - leu - tyr - leu - pro -   -fMet - leu -   -
   -   thr - cys - leu - glu - thr - ile - asp - ser - lys -   -   -   -fMet -   -   -   -   -   -   -   -
   -   -   -   -   -   -fMet - ile - val - ser - lys - asn - ser - ala - val - tyr - cys - asp - val - phe - ile - ser - thr - val - asn - val - met - asn -
... ir ydgC_rstA+                            [###> orf 12 codons                    p10  4.6 bits                            [------------------------ ... NC_000913.rstA
```

p35  1.4 bits

p35  4.7 bits

... ir

sd

... p10

p35-(23)-p10 1680151 Gap 1.4 bits
p35-p10 1680151 total 4.6 bits

sd-(9)-ir 1680183 Gap 2.3 bits
sd-ir 1680183 ydgC_rstA+ total 8.3 b

... p35-(24)-p10 1680187 Gap
... p35-p10 1680187 total 4.3
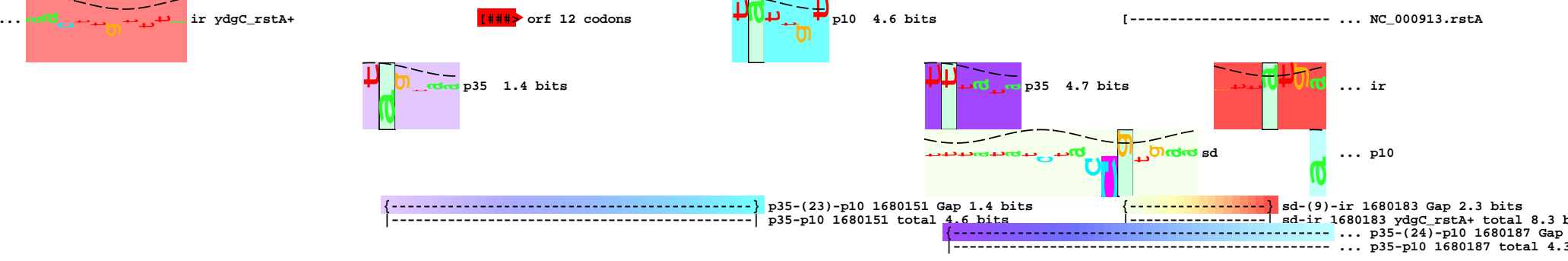
```
        *1680190  *      *1680200
5' acactatcgtatttgt 3'
   -   -   -   -   -fMet -
   - ser - ile - val - phe -
... ------------------------------- ... NC_000913.rstA
```

... ir ydgC_rstA+

... p10  2.0 bits

... } p35-(24)-p10 1680187 Gap 2.4 bits
... | p35-p10 1680187 total 4.3 bits