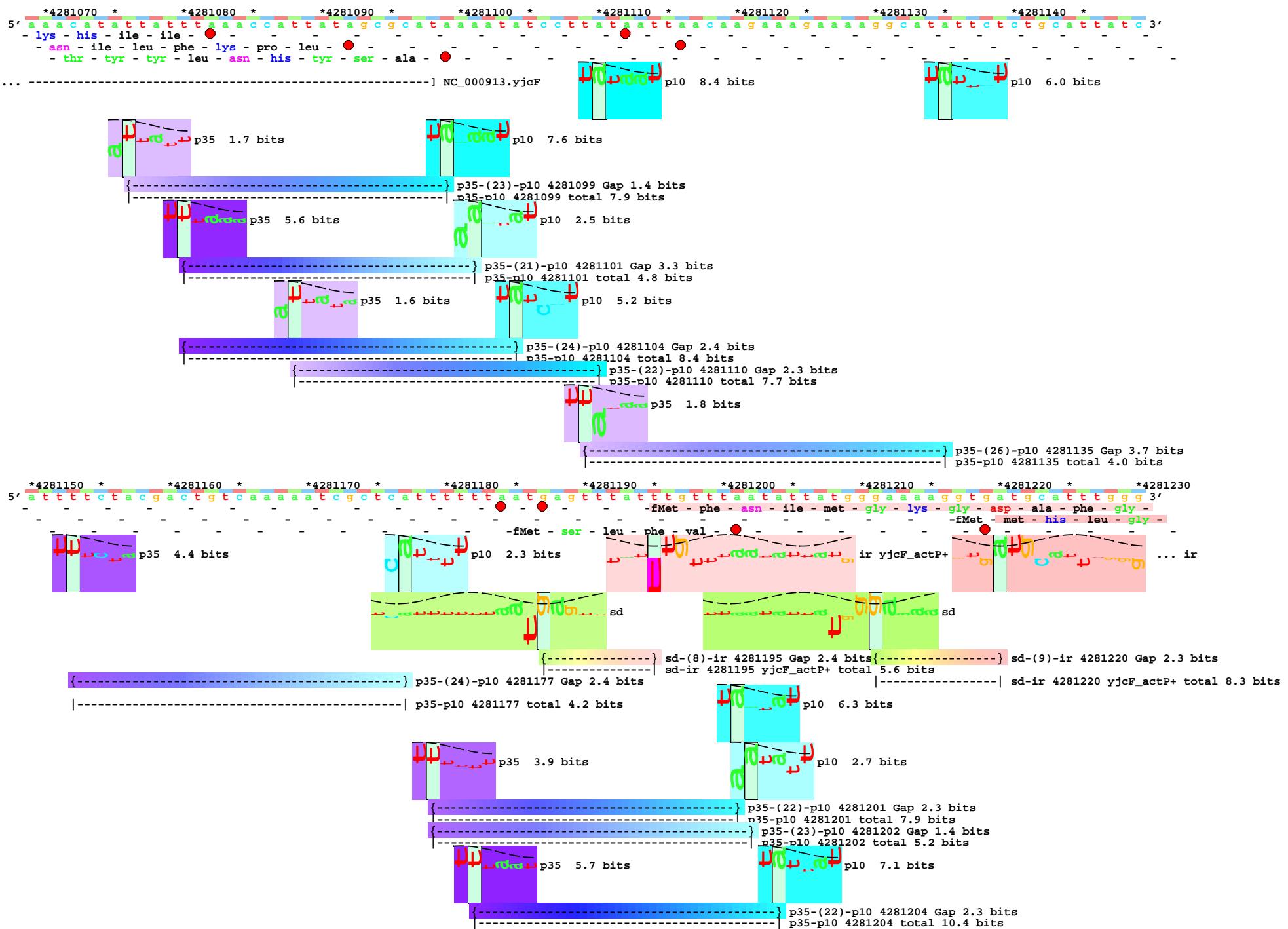piece 1, NC_000913, yjcF_actP+, config: linear, direction: +, begin: 4281069, end: 4281295

```
        *4281070  *       *4281080  *       *4281090  *       *4281100  *       *4281110  *       *4281120  *       *4281130  *       *4281140  *
5' aaacatattatttaaaccattatagcgcataaaatatccttataattaacaagaagaaaaggcatattctctgcattatc 3'
    - lys - his - ile - ile -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    - asn - ile - leu - phe - lys - pro - leu -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    - thr - tyr - tyr - leu - asn - his - tyr - ser - ala -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
```

... ---] NC_000913.yjcF

p10   8.4 bits

p10   6.0 bits

p35   1.7 bits

p10   7.6 bits

{-------------------------------} p35-(23)-p10 4281099 Gap 1.4 bits
|-------------------------------| p35-p10 4281099 total 7.9 bits

p35   5.6 bits

p10   2.5 bits

{-------------------------------} p35-(21)-p10 4281101 Gap 3.3 bits
|-------------------------------| p35-p10 4281101 total 4.8 bits

p35   1.6 bits

p10   5.2 bits

{-----------------------------------} p35-(24)-p10 4281104 Gap 2.4 bits
|-----------------------------------| p35-p10 4281104 total 8.4 bits
{-------------------------------} p35-(22)-p10 4281110 Gap 2.3 bits
|-------------------------------| p35-p10 4281110 total 7.7 bits

p35   1.8 bits

{-----------------------------------} p35-(26)-p10 4281135 Gap 3.7 bits
|-----------------------------------| p35-p10 4281135 total 4.0 bits

```
        *4281150  *       *4281160  *       *4281170  *       *4281180  *       *4281190  *       *4281200  *       *4281210  *       *4281220  *       *4281230
5' atttctacgactgtcaaaaatcgctcattttttaatgagtttatttgtttaatattatgggaaaaggtgatgcatttggg 3'
                                                                    -fMet - phe - asn - ile - met - gly - lys - gly - asp - ala - phe - gly -
                                                                    -fMet - ser - leu - phe - val -     -     -     -     -     -fMet - met - his - leu - gly -
```

p35   4.4 bits

p10   2.3 bits

ir yjcF_actP+

... ir

sd

sd

{---------------} sd-(8)-ir 4281195 Gap 2.4 bits {---------------} sd-(9)-ir 4281220 Gap 2.3 bits
|---------------| sd-ir 4281195 yjcF_actP+ total 5.6 bits
|---------------| sd-ir 4281220 yjcF_actP+ total 8.3 bits

{-------------------------------} p35-(24)-p10 4281177 Gap 2.4 bits
|-------------------------------| p35-p10 4281177 total 4.2 bits

p10   6.3 bits

p35   3.9 bits

p10   2.7 bits

{-------------------------------} p35-(22)-p10 4281201 Gap 2.3 bits
|-------------------------------| p35-p10 4281201 total 7.9 bits
{-------------------------------} p35-(23)-p10 4281202 Gap 1.4 bits
|-------------------------------| p35-p10 4281202 total 5.2 bits

p35   5.7 bits

p10   7.1 bits

{-----------------------------------} p35-(22)-p10 4281204 Gap 2.3 bits
|-----------------------------------| p35-p10 4281204 total 10.4 bits

```
              *        *4281240   *        *4281250   *        *4281260   *        *4281270   *        *4281280   *        *4281290   *
5' agaggaagagtattccccggtcagacgaccggggaagggagagattaatgcgcgcggccttgct 3'
  - arg - gly - arg - val - phe - pro - gly - gln - thr - thr - gly - glu - gly - glu - arg - leu - met - arg - ala - ala - leu -
     - glu - glu - glu - tyr - ser - pro - val - arg - arg - pro - gly - lys - gly - arg - asp - ●  -     -     -     -     -     -
       -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
```

... ir yjcF_actP+   <--------------------------------------- ... NC_000913.actP

[###> orf 20 codons