piece 1, NC_000913, ygcW_yqcE-, config: linear, direction: -, begin: 2898643, end: 2898276

```
        *2898640  *      *2898630  *      *2898620  *      *2898610  *      *2898600  *      *2898590  *      *2898580  *      *2898570  *
5' tatccaacggcgatatgagttgtgttgcatatcgtattcccatttgtaatagacaaaaaaagagaaagtaagccgccct 3'
   - tyr - pro - thr - ala - ile -   -   -fMet - leu - his - ile - val - phe - pro - phe - val - ile - asp - lys - lys - arg - lys - val - ser - arg - pro -
       - ile - gln - arg - arg - tyr - glu - leu - cys - cys - ile - ser - tyr - ser - his - leu -   -   -   -   -   -   -   -   -
           - ser - asn - gly - asp - met - ser - cys - val - ala - tyr - arg - ile - pro - ile - cys - asn - arg - gln - lys - lys - glu - lys - ser - lys - pro - pro - phe -
   ... -------------------------------------------------------] NC_000913.yqcE
```
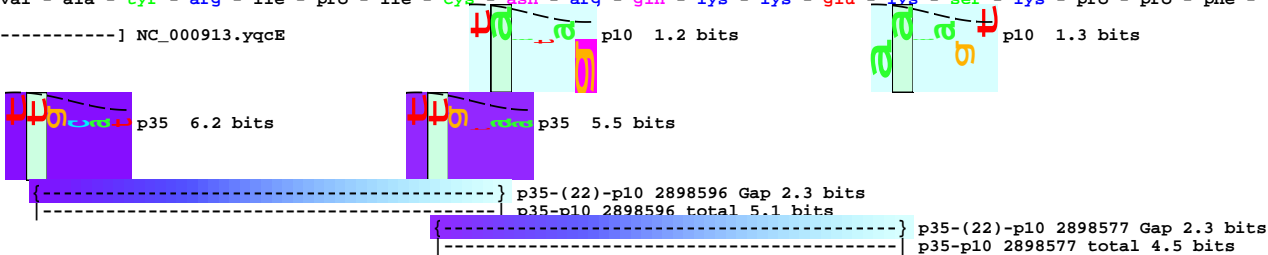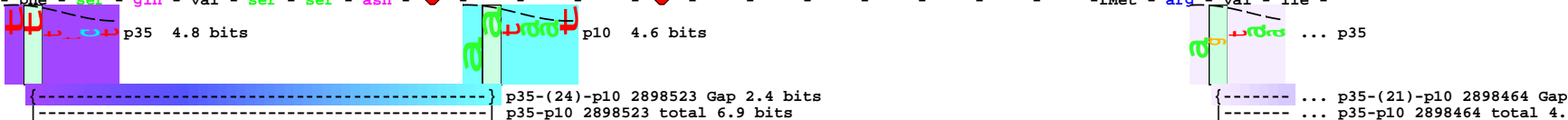
p10 1.2 bits
p10 1.3 bits
p35 6.2 bits
p35 5.5 bits
p35-(22)-p10 2898596 Gap 2.3 bits
p35-p10 2898596 total 5.1 bits
p35-(22)-p10 2898577 Gap 2.3 bits
p35-p10 2898577 total 4.5 bits

```
        *2898560  *      *2898550  *      *2898540  *      *2898530  *      *2898520  *      *2898510  *      *2898500  *      *2898490  *
5' ttcaggtgattacttttctcaggtctctagtaattgaaataaataacatgaaagcagaggtgttgtgtgagagtaa 3'
   - phe - arg - trp - ile - thr - phe - leu - arg - ser - leu - val - ile - glu - ile - ile - asn - asn - met - glu - ser - arg - gly - val - val -   -   -   -
       - gln - val - asp - tyr - phe - ser - gln - val - ser - ser - asn -   -   -fMet - leu - cys - glu - ser - asn -
           -   -   -   -   -   -   -   -   -fMet - lys -   -   -   -   -   -   -fMet - arg - ser - val - ile -
```

p35 4.8 bits
p10 4.6 bits
... p35
p35-(24)-p10 2898523 Gap 2.4 bits
p35-p10 2898523 total 6.9 bits
... p35-(21)-p10 2898464 Gap
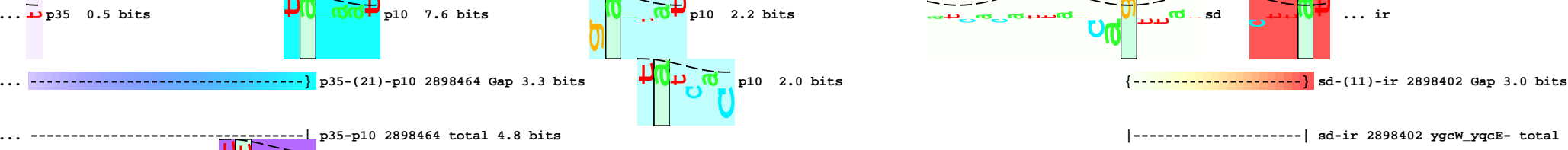... p35-p10 2898464 total 4.8

```
        *2898480  *      *2898470  *      *2898460  *      *2898450  *      *2898440  *      *2898430  *      *2898420  *      *2898410  *
5' tcacgcttctgctttttaaaattatttgacaatacgaatacacactgtgattacgatcacattagcagttatgcccttat 3'
   - his - ala - ser - ala - phe -   - lys - ile -   -fMet - thr - ile - arg - ile - ser - his - cys - asp - tyr - asp - his - ile - ser - ser - tyr - ala - leu - met -
       - thr - leu - leu - leu - phe - lys - ile - ile -   -   -fMet - ile - thr - ile - thr - leu - ala - val - met - pro - leu - cys -
```
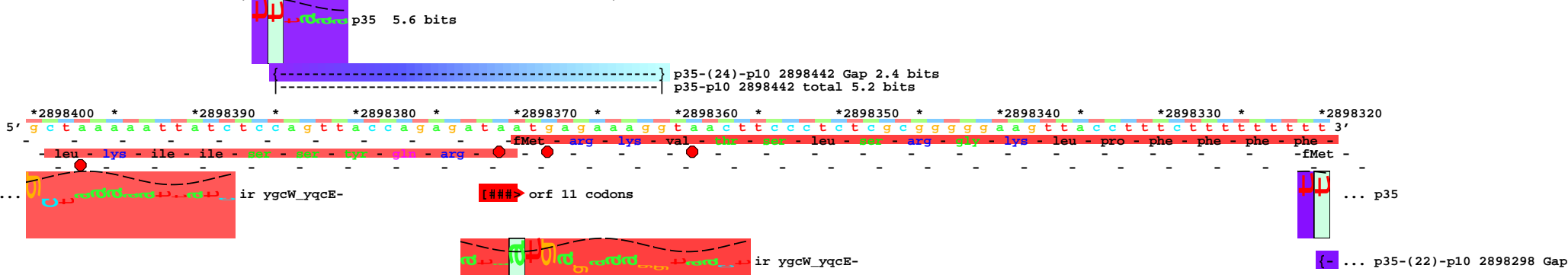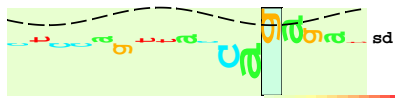
... p35 0.5 bits
p10 7.6 bits
p10 2.2 bits
sd
... ir
... p35-(21)-p10 2898464 Gap 3.3 bits
p10 2.0 bits
sd-(11)-ir 2898402 Gap 3.0 bits
... p35-p10 2898464 total 4.8 bits
| sd-ir 2898402 ygcW_yqcE- total 6
p35 3.8 bits
p35-(23)-p10 2898445 Gap 1.4 bits
p35-p10 2898445 total 4.6 bits
p35 5.6 bits
p35-(24)-p10 2898442 Gap 2.4 bits
p35-p10 2898442 total 5.2 bits

```
        *2898400  *      *2898390  *      *2898380  *      *2898370  *      *2898360  *      *2898350  *      *2898340  *      *2898320
5' gctaaaaattatctccagttaccagagataatgagaaaggtaacttccctctcgcgggggaagttacctttcttttttt 3'
   - leu - lys - ile - ile - ser - ser - tyr - gln - arg -   -fMet - arg - lys - val - trp - arg - leu - ser - arg - gly - lys - leu - pro - phe - phe - phe -
       -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - -fMet -
```
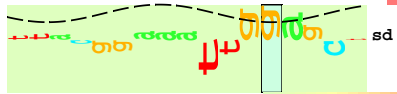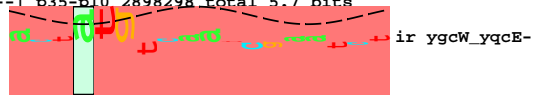
... ir ygcW_yqcE-
[###> orf 11 codons
... p35
ir ygcW_yqcE-
... p35-(22)-p10 2898298 Gap

|- ... p35-p10 2898298 total 5.7

sd

{-------------} sd-(6)-ir 2898370 Gap 4.3 bits
|------------| sd-ir 2898370 ygcW_yqcE- total 8.5 bits

```
       *      *2898310  *      *2898300  *      *2898290  *       *2898280
5' g c c t t a c g g a a a t t g g a g c t a a c t a t g t c a a t c g a a t c t c t c a a 3'
-  ala - leu - arg - lys - leu - glu - leu - thr - met - ser - ile - glu - ser - leu -
   - pro - tyr - gly - asn - trp - ser - ● -    -    -    -    -    -    -    -
       -    -    -    -    -    -    -    -    -    -    -    -    -    -
```

... p35 6.2 bits   [--------------------------------------- ... NC_000913.ygcW

...{---} p35-(22)-p10 2898298 Gap 2.3 bits
...|---| p35-p10 2898298 total 5.7 bits

ir ygcW_yqcE-

sd

{-------------} sd-(9)-ir 2898295 Gap 2.3 bits
|-------------------| sd-ir 2898295 ygcW_yqcE- total 8.4 bits

p10 1.9 bits