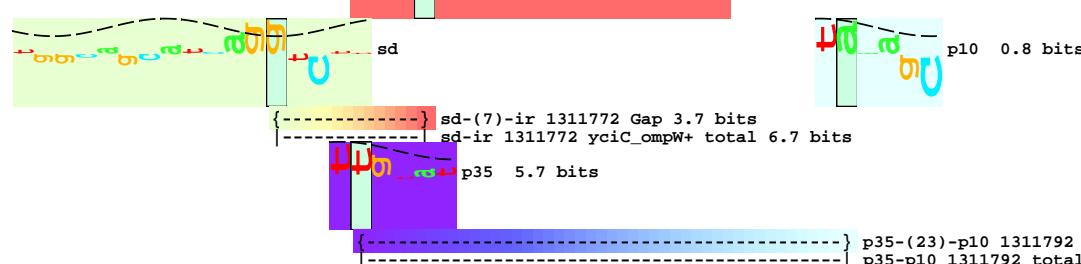piece 1, NC_000913, yciC_ompW+, config: linear, direction: +, begin: 1311658, end: 1312063

```
         *1311660  *      *1311670  *      *1311680  *      *1311690  *      *1311700  *      *1311710  *      *1311720  *      *1311730  *
5' acggtatacggactgcgccgtgatagacatgcactctccttgagttttatgcaggtgttaattagcgggcaattgtaccct 3'
   - thr - val - tyr - gly - leu - arg - arg - asp - arg - his - ala - leu - ser - leu - ser - phe - met - gln - val - leu - ile - ser - gly - gln - leu - tyr - pro - -
   - arg - tyr - thr - asp - cys - ala - val - ile - asp - met - his - ser - pro - ●                                    ●                                        -
   - gly - ile - arg - thr - ala - pro - ●          ●          -------------------------------------] NC_000913.yciC
```
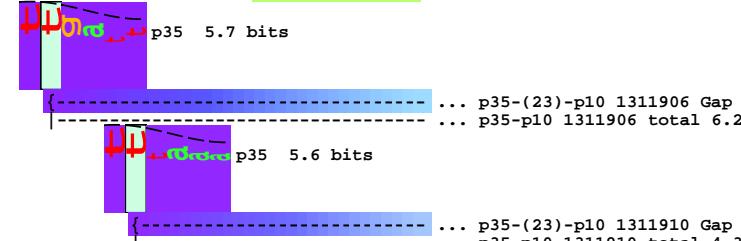
```
         *1311740  *      *1311750  *      *1311760  *      *1311770  *      *1311780  *      *1311790  *      *1311800  *      *1311810  *
5' ggttaagcctcgggtggcagcatcaggtcttgtatggaaaagcatatctttgtaaagcggaggtaattgctggccttcagg 3'
   - gly - ●                          -fMet - glu - lys - his - ile - phe - val - lys - arg - arg - -fMet - leu - ala - phe - arg - -
   -                    -fMet - ala - ala - ser - gly - leu - val - trp - lys - ser - ile - ser - leu - ●
   -                    -fMet - tyr - gly - lys - ala - tyr - leu - cys - lys - ala - glu - val - ile - ala - gly - leu - gln - ala -
```

ir yciC_ompW+   [###> orf 11 codons

sd

p10   0.8 bits

{-----------} sd-(7)-ir 1311772 Gap 3.7 bits
|-----------| sd-ir 1311772 yciC_ompW+ total 6.7 bits

p35   5.7 bits

{-----------------------} p35-(23)-p10 1311792 Gap 1.4 bits
|-----------------------| p35-p10 1311792 total 5.0 bits

```
         *1311820  *      *1311830  *      *1311840  *      *1311850  *      *1311860  *      *1311870  *      *1311880  *      *1311890  *      *1311900
5' catgggcaaatcgcggcaagtggcgaccgagttaatatttgcgtagcgaaaatatttaaaaattgatttaaatcacattaa 3'
   - his - gly - lys - ser - ala - ala - ser - gly - asp - arg - val - asn - ile - cys - val - ala - lys - ile - phe - lys - asn - ●                          ●
   -fMet - gly - lys - ser - arg - gln - val - ala - thr - glu - leu - ile - phe - ala - ●              -fMet - arg - ser - glu - asn - ile - ●          -fMet - ile - ●
   - trp - ala - asn - arg - gly - lys - trp - arg - pro - ser - ●          -fMet - arg - ser - glu - asn - ile - ●                    -fMet - ile - ●
```

... sd

p35   5.7 bits

{-------------------} ... p35-(23)-p10 1311906 Gap
|-------------------| ... p35-p10 1311906 total 6.2

p35   5.6 bits

{-------------------} ... p35-(23)-p10 1311910 Gap
|-------------------| ... p35-p10 1311910 total 4.3

```
                  *       *1311910  *      *1311920  *      *1311930  *      *1311940  *      *1311950  *      *1311960  *      *1311970  *      *1311980
5' ccaggattctcaatgcaacttcaattaatccagatcaataaagggtgaattatcatatgtgatcatgtatgtaggat 3'
   -fMet - gln - leu - leu - asn - ●                          ●                          ●          -fMet - ●          -fMet - ●
   -                          ●                          -fMet - asn - tyr - his - met - ●          -fMet - ●
   -                                                  -fMet - ile - tyr - val - gly - ser -
```

... sd   [###> orf 6 codons   ir yciC_ompW+

ir yciC_ompW+   sd   [###> orf 2 codons   [###> orf 2 codons

... -----------} p35-(23)-p10 1311906 Gap 1.4 bits   {-----------------} sd-(12)-ir 1311959 Gap 4.0 bits   p10   4.6 bits

... ---------| p35-p10 1311906 total 6.2 bits |-----------------| sd-ir 1311959 yciC_ompW+ total 8.7 bits

{-----------} sd-(8)-ir 1311913 Gap 2.4 bits   ir yciC_ompW+

... ------------------} p35-(23)-p10 1311910 Gap 1.4 bits

p35 1.2 bits [###> orf 2 codons

... ------------------| p35-p10 1311910 total 4.3 bits

------------------| sd-ir 1311913 yciC_ompW+ total 12.6 bits

p10 1.9 bits

{------------------} sd-(17)-ir 1311964 Gap 6.5 bits

------------------| sd-ir 1311964 yciC_ompW+ total 5.4 bits

... ir

p10 0.2 bits

sd

{------------} sd-(7)-ir 1311973 Gap 3.7 bits

------------| sd-ir 1311973 yciC_ompW+ total 5.7 bits

{------------------} p35-(23)-p10 1311977 Gap 1.4 bits

------------------| p35-p10 1311977 total 4.4 bits

```
           *      *1311990   *      *1312000   *      *1312010   *      *1312020   *      *1312030   *      *1312040   *      *1312050   *      *1312060
5' catttgttactccaatgtaggtatattcgtcacgtttttataaccataacgacggagcggatatgaaaaagttaacagtgg 3'
  -   -fMet - leu - leu - gln - cys - arg - tyr - ile - arg - his - val - phe - ile - thr - ile - thr - thr - glu - arg - ile -  ● -   -   -   ● -   -   -
  - phe - val - thr - pro - met -  ● -   -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet - lys - lys - leu - thr - val -
```

sd

[------------------------------------ ... NC_000913.ompW

ir yciC_ompW+

{----------------} sd-(8)-ir 1312044 Gap 2.4 bits

----------------| sd-ir 1312044 yciC_ompW+ total 12.5 bits

... ir yciC_ompW+

5' c 3'

-

... -- ... NC_000913.ompW