piece 1, NC_000913, nlpA_yicS-, config: linear, direction: -, begin: 3838267, end: 3837997

```
      *         *3838260  *       *3838250  *       *3838240  *       *3838230  *       *3838220  *       *3838210  *       *3838200  *       *3838190
5' gaaataagcagtagtgtcgttggtttcatggattcaacctttacaaatgtgtatcgaatgaagcataagtgtagtttgc 3'
   -   glu - asn - lys - gln -       -       -       -       -       -       -fMet - cys - ile - glu -       -       -       -       -
   -   lys - ile - ser - ser - ser - val - val - gly - phe - met - asp - ser - thr - phe - tyr - lys - cys - val - ser - asn - glu - ala - -fMet -  -   -
   -   lys -       -       -  -fMet - ser - leu - val - ser - trp - ile - gln - pro - phe - thr - asn - val - tyr - arg - met - lys - his - lys - cys - ser - leu - leu
```
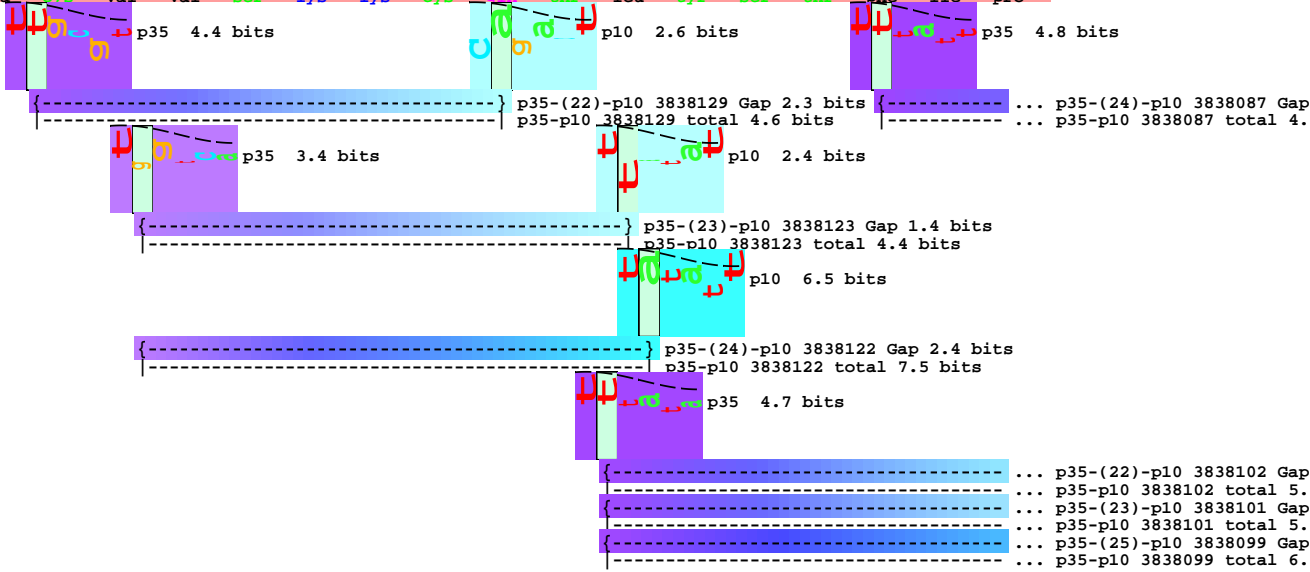
... --] NC_000913.yicS

ir nlpA_yicS-

sd

{-----------------------} sd-(9)-ir 3838208 Gap 2.3 bits
|----------------------| sd-ir 3838208 nlpA_yicS- total 6.8 bits
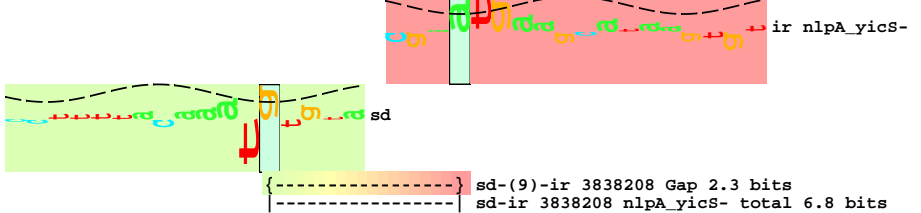
```
   *         *3838180  *       *3838170  *       *3838160  *       *3838150  *       *3838140  *       *3838130  *       *3838120  *       *3838110
5' tttcatcgctctcatcatgctgtacgaaacgcgcttgcgtggtcagtaagaagtgccagactttatattccactttattc 3'
   -   -   -   -   -   -fMet - leu - tyr - glu - thr - arg - leu - arg - gly - gln -       -  -fMet - pro - asp - phe - ile - phe - his - phe - tyr - ser
   - ser - ser - leu - ser - ser - cys - cys - thr - lys - arg - ala - cys - val - val - ser - lys - lys - cys - gln - thr - leu - tyr - ser - thr - phe - ile - pro
```

p35 4.4 bits   p10 2.6 bits   p35 4.8 bits

{-------------------------} p35-(22)-p10 3838129 Gap 2.3 bits   {----------- ... p35-(24)-p10 3838087 Gap
|-------------------------| p35-p10 3838129 total 4.6 bits |----------- ... p35-p10 3838087 total 4.4

p35 3.4 bits   p10 2.4 bits

{-----------------------} p35-(23)-p10 3838123 Gap 1.4 bits
|-----------------------| p35-p10 3838123 total 4.4 bits

p10 6.5 bits

{-----------------------} p35-(24)-p10 3838122 Gap 2.4 bits
|-----------------------| p35-p10 3838122 total 7.5 bits

p35 4.7 bits

{-------------------- ... p35-(22)-p10 3838102 Gap
|-------------------- ... p35-p10 3838102 total 5.5
{-------------------- ... p35-(23)-p10 3838101 Gap
|-------------------- ... p35-p10 3838101 total 5.9
{-------------------- ... p35-(25)-p10 3838099 Gap
|-------------------- ... p35-p10 3838099 total 6.7

```
 *         *3838100  *       *3838090  *       *3838080  *       *3838070  *       *3838060  *       *3838050  *       *3838040  *       *3838030  *
5' cttttattcttatcgatagcgtttcgttttttaaaccgcagcgaccttaccgctatagtcaggtaatcattaataaaagg 3'
   - phe - leu - phe - leu - ser - ile - ala - phe - arg - phe - leu - asn - arg - ser - asp - leu - thr - ala - ile - val - arg -       -   -   -   -   -   -   -
   - phe - tyr - ser - tyr - arg -       -       -       -       -       -       -       -       -       -       -       -       -       -       -       -
```

p10 3.2 bits   [###] orf 41 codons   p35 5.6 bits   p10 5.9 bits   sd

...------------------------------} p35-(24)-p10 3838087 Gap 2.4 bits   {- ... sd-(9)-ir 3838016 Gap
...------------------------------| p35-p10 3838087 total 4.4 bits |- ... sd-ir 3838016 nlpA_yicS-

p10 2.6 bits   p10 2.0 bits   {----------------------------} p35-(24)-p10 3838050 Gap 2.4 bits

p10 6.0 bits

|--| p35-p10 3838050 total 9.0 bits

```
...  ------} p35-(22)-p10 3838102 Gap 2.3 bits
...  ------| p35-p10 3838102 total 5.5 bits
...  --------} p35-(23)-p10 3838101 Gap 1.4 bits
...  --------| p35-p10 3838101 total 5.9 bits
...  ----------} p35-(25)-p10 3838099 Gap 4.0 bits
...  -----------| p35-p10 3838099 total 6.7 bits


        *3838020   *        *3838010   *        *3838000
   5' a t a a a a a a t g a a a c t g a c a a c a c a t c a 3'
       -   -   -   -   -   -   -   -   -   -   -   -   -   -
       -   -   -   -   -   -   -   -   -   -   -   -   -
          -   -      -fMet - lys - leu - thr - thr - his -

...              sd      [------------------------------- ... NC_000913.nlpA


...  -----------------} sd-(9)-ir 3838016 Gap 2.3 bits
...  -----------------| sd-ir 3838016 nlpA yicS- total 18.1 bits
                                                          ir nlpA_yicS-
```