piece 1, NC_000913, ydaM_ydaN+, config: linear, direction: +, begin: 1405790, end: 1406093

```
      *1405790  *     *1405800  *     *1405810  *     *1405820  *     *1405830  *     *1405840  *     *1405850  *     *1405860  *     *1405870
5' g t c c a g g g t a t t g a a g t t g t g c g t a a t c a t t g a g a t c c c g t t a t t t t a t c a a t t t t t g t t g c t a t c c g a t c g c a a a a a g 3'
    - val - gln - gly - ile - glu - val - val - arg - asn - his -       ile - pro - leu - phe - leu - ser - ile - phe - val - ala - ile - arg - ser - gln - lys - ser -
      - pro - gly - tyr -  ●  -   -   -   -   -  ●  -   - -fMet - arg - ser - arg - tyr - phe - tyr - gln - phe - leu - leu - leu - ser - asp - arg - lys - lys - ala -
                                                           --------------------------] NC_000913.ydaM
```

```
      *     *1405880  *     *1405890  *     *1405900  *     *1405910  *     *1405920  *     *1405930  *     *1405940  *     *1405950
5' c c a g t c a t a t g a t c a g a t a a t t c t g a t a a t g a t a g a c g c t a t t t a a c a c t t c a c a c g g t t t g t a t a c g g a a a a g c a t t t 3'
      -   -  -fMet - ile - arg -  ●  -   -   -  ●  -   -  ●  -   -  ●  -   -   -   -   -   -   -   -   -   - -fMet - tyr - thr - glu - lys - his - phe -
      - his - val - ile -  ●  -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - -fMet -
      - thr - ser - tyr - asp - gln - ile - ile - leu - ile - met - ile - asp - ala - ile -  ●  -   -   -   -   -   -   -   -   -   -
```

... p35

{- ... p35-(23)-p10 1405974 Gap
|- ... p35-p10 1405974 total 7.6

```
      *     *1405960  *     *1405970  *     *1405980  *     *1405990  *     *1406000  *     *1406010  *     *1406020  *     *1406030
5' g c t t t t t g t a t t c a a t t t a g a c a g a a t t t t a t t a a t c a t t t c a g g g t a a t g g g g t g a t g a g a t g t t g c g t a a c a g g c c a g 3'
    - ala - phe - cys - ile - gln - phe - arg - gln - asn - phe - ile - asn - his - phe - arg - val - met - gly -  ●  -   -  ●  -   -   -   -   -  ●  -   -
      - leu - phe - val - phe - asn - leu - asp - arg - ile - leu - leu - ile - ile - ser - gly -   -  ●  -   -   - -fMet - leu - leu - asn - arg - ala - arg -
      - -fMet - tyr - ser - ile -  ●  -   -   -   -   -   -   - -fMet - met - arg - cys - cys - val - thr - gly - pro - glu -
```
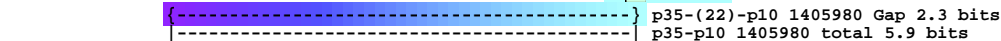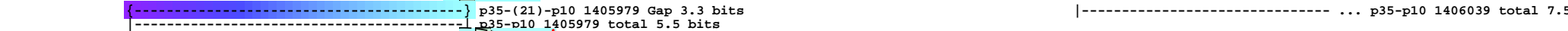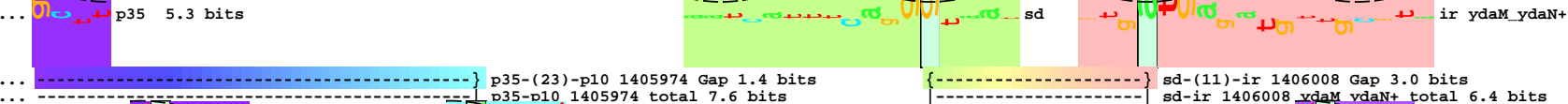
... p35 5.3 bits   sd   ir ydaM_ydaN+

... {---------------------} p35-(23)-p10 1405974 Gap 1.4 bits   {-------------} sd-(11)-ir 1406008 Gap 3.0 bits
... |---------------------| p35-p10 1405974 total 7.6 bits |-------------| sd-ir 1406008 ydaM_ydaN+ total 6.4 bits

p35 5.7 bits   p10 3.7 bits   p35 4.4 bits

p10 3.2 bits   {------------------------------- ... p35-(22)-p10 1406039 Gap

{-------------------------} p35-(21)-p10 1405979 Gap 3.3 bits |------------------------------- ... p35-p10 1406039 total 7.5
|-------------------------| p35-p10 1405979 total 5.5 bits

p10 2.6 bits

{---------------------------} p35-(22)-p10 1405980 Gap 2.3 bits
|---------------------------| p35-p10 1405980 total 5.9 bits

```
      *     *1406040  *     *1406050  *     *1406060  *     *1406070  *     *1406080  *     *1406090
5' a a g g c t a g a c t a c a a a a t a a t g a t g a t g g a g c a c t g t g g a a g c g a t t a a a g g a t c 3'
      -   -   -   -   -   -   - -fMet - met - met - glu - ala - leu - trp - lys - arg - leu - arg - asp -
      - arg - leu - asp - tyr - lys - ile - met - arg -  ●  -   -  ●  -   -   -   -   -   -  ●  -   -
        - gly -   -   -   -  ●  -   -   -   -   -   -   - -fMet - glu - ala - ile - lys - gly -
```

[###> orf 11 codons   sd   [------------------------------- ... NC_000913.ydaN

p10 5.5 bits   ir ydaM_ydaN+

{-------------} sd-(8)-ir 1406074 Gap 2.4 bits
|-------------| sd-ir 1406074 ydaM_ydaN+ total 6.7 bits

... {-------------} p35-(22)-p10 1406039 Gap 2.3 bits
... |-------------| p35-p10 1406039 total 7.5 bits