piece 1, NC_000913, mnmG_mioC+, config: linear, direction: +, begin: 3923627, end: 3924054

```
        *3923630  *      *3923640  *      *3923650  *      *3923660  *      *3923670  *      *3923680  *      *3923690  *      *3923700  *
5' g a t g a c g t c a a a a g g a t c c g g a t a a a a c a t g g t g a t t g c c t c g c a t a a c a c g c g g t a t g a a a t g g a t t g a a g c c c g g g c c g t 3'
    - asp - asp - val - lys - arg - ile - arg - ile - lys - his - gly - asp - cys - leu - ala -   -      - fMet - lys - met - asp -   -     -     -     -     -
    -     met - thr - ser - lys - gly - ser - gly -         - fMet - val - ile - ala - ser - his - asn - ala - val -       - lys - met - asp -                      - fMet
                                                             - fMet - pro - arg - ile - thr - arg - tyr - glu - asn - gly - leu - lys - pro - gly - pro - trp -
```

ir mnmG_mioC+   [###> orf 10 codons

sd   p35 6.2 bits   p10 3.6 bits

{------------} sd-(8)-ir 3923655 Gap 2.4 bits
|------------| sd-ir 3923655 mnmG_mioC+ total 7.5 bits

{-----------------------------} p35-(21)-p10 3923684 Gap 3.3 bits
|-----------------------------| p35-p10 3923684 total 6.4 bits
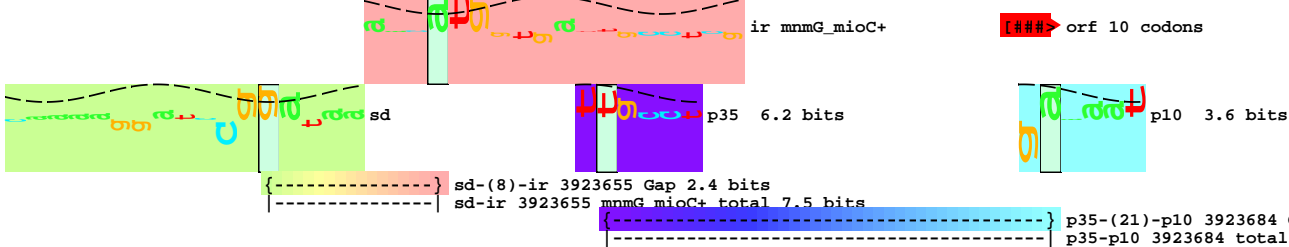
```
        *3923710  *      *3923720  *      *3923730  *      *3923740  *      *3923750  *      *3923760  *      *3923770  *      *3923780  *
5' g g a t t c t a c t c a a c t t t g t c g g c t t g a g a a a g a c c t g g g a t c c t g g g t a t t a a a a a g a a g a t c t a t t a t t t a g a g a t c t g 3'
    -     -     -     -     - fMet - ser - ala -       -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    - asp - ser - thr - gln - leu - cys - arg - leu - glu - lys - asp - leu - gly - ser - trp - val - leu -   - lys - arg - arg - ser - ile - tyr - leu - glu - ile - cys
    -     - ile - leu - leu - asn - phe - val - gly - leu - arg - lys - thr - trp -   - asp - pro - gly - tyr -   -     -     -     -     -     -     -     -     -
```
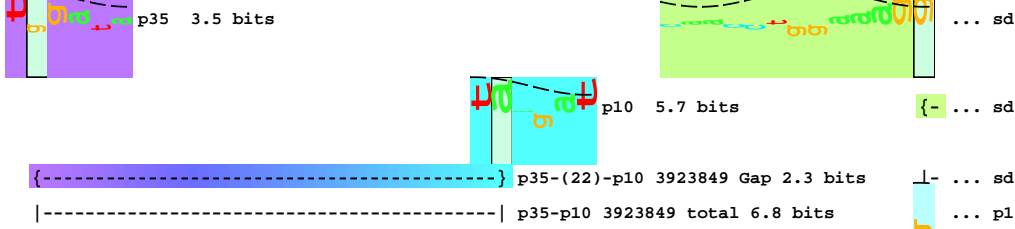
p35 4.6 bits   p10 1.2 bits

{-----------------------------} p35-(23)-p10 3923747 Gap 1.4 bits
|-----------------------------| p35-p10 3923747 total 4.3 bits

```
   *3923790  *      *3923800  *      *3923810  *      *3923820  *      *3923830  *      *3923840  *      *3923850  *      *3923860  *
5' t t c t a t t g t g a t c t c t t a t t a g g a t c g c a c t c g c c c t g g a t a a c a a g g a t c c g g c t t t a a g a t c a a c a a c c t g g a a g g 3'
    - ser - ile - val - ile - ser - tyr -   -     -     -     -     - fMet - asp - asn - lys - asp - pro - ala - phe - lys - ile - asn - asn - leu - glu - arg -
    -     - fMet -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
```
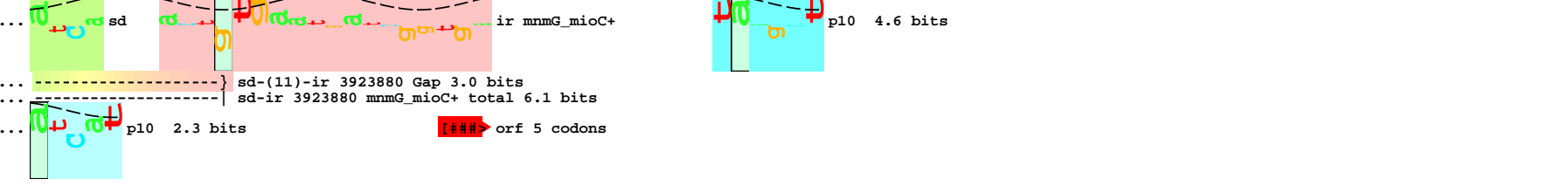
p35 3.5 bits   sd

p10 5.7 bits   {- ... sd-(11)-ir 3923880 Gap

{---------------------------} p35-(22)-p10 3923849 Gap 2.3 bits   ⊥- ... sd-ir 3923880 mnmG_mioC+
|---------------------------| p35-p10 3923849 total 6.8 bits   ... p10

p35 4.7 bits

{------------------------------- ... p35-(23)-p10 3923870 Gap
|------------------------------- ... p35-p10 3923870 total 5.5

```
   *3923870  *      *3923880  *      *3923890  *      *3923900  *      *3923910  *      *3923920  *      *3923930  *      *3923940  *      *3923950
5' a t c a t t a a c t g t g a t g a t c g g t g t a t c c t g g a c c g t a t a a g c t g g g a t c a g a a t g a g g g g t t a t a c a c a a c t c a a a a a c t g 3'
    - ile - ile - asn - cys - glu -   -     -     - fMet - ile - leu - asp - arg - ile - ser - trp - asp - gln -   -     - glu - gly - leu - tyr - thr - gln - leu - lys - asn -
    -     -     -     - fMet - asn - asp - arg -   -     -     -     -     -     -     -     -     -     - fMet - arg - gly - tyr - thr - gln - leu - lys -   -
    -     -     -     - fMet - ile - gly - asp - pro - gly - pro - tyr - lys - leu - gly - ser - glu -   -
```
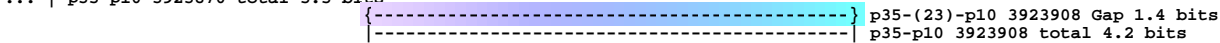
... sd   ir mnmG_mioC+   p10 4.6 bits

... {------------} sd-(11)-ir 3923880 Gap 3.0 bits
... |------------| sd-ir 3923880 mnmG_mioC+ total 6.1 bits

... p10 2.3 bits   [###> orf 5 codons

p35   1.1 bits

... } p35-(23)-p10 3923870 Gap 1.4 bits
... | p35-p10 3923870 total 5.5 bits

} p35-(23)-p10 3923908 Gap 1.4 bits
| p35-p10 3923908 total 4.2 bits

```
         *      *3923960  *     *3923970 *     *3923980  *     *3923990 *     *3924000 *     *3924010 *     *3924020 *     *3924030
5' a a c a a c a g t t g t t c t t t g g a t a a c t a c g g t t g a t c c a a g c t t c c t g a c a g a g t t a t c c a c a g t a g a t c g c a c g a t c t g t a 3'
   - asn - asn - ser - cys - ser - leu - asp - asn - tyr - arg - leu - ile - gln - ala - ser -  -    -    -    -    -    -    -    -    -    -    -    -    -
   -    -    -   -fMet - phe - phe - gly -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
```

p35   1.1 bits

... p10

{ p35-(25)-p10 3924031 Gap 4.0 b
| p35-p10 3924031 total 4.3 bits

```
         *      *3924040  *     *3924050
5' t a c t t a t t t g a g t a a a t t a a c c c 3'
   -    -    -   -fMet - ser - lys - leu - thr -
   -    -    -    -    -    -    -    -    -
```

... p10   7.3 bits

<------------------------------------ ... NC_000913.mioC