piece 1, NC_000913, trkA_mscL+, config: linear, direction: +, begin: 3435887, end: 3436065

```
        *3435890   *      *3435900   *      *3435910   *      *3435920   *      *3435930   *      *3435940   *      *3435950   *      *3435960   *
5' ctcttccagccaagccctttcttcttgtaattaataaggcgtctaatgacgccttattatttccctttgattatcaaggat 3'
   - leu - phe - gln - pro - ser - pro - phe - phe - leu -   -   -   -   -   - fMet - thr - pro - tyr - tyr - phe - pro - leu - ile - ile - lys - asp -
     - ser - ser - ser - gln - ala - leu - ser - ser - cys - asn -   -   -   -   - ser - asn - asp - ala - leu - leu - phe - pro - phe - asp - tyr - gln - gly - leu -
       - leu - pro - ala - lys - pro - phe - leu - leu - val - ile - asn - lys - ala - ser - asn - asp - ala - leu - leu - phe - pro - phe - asp - tyr - gln - gly - leu -
```

ir trkA_mscL+   {--------------------------- ... p35-(23)-p10 3435977 Gap

sd   p10   7.1 bits |--------------------------- ... p35-p10 3435977 total 5.4

{--------------} sd-(7)-ir 3435932 Gap 3.7 bits   p35   5.7 bits   ... p35

|-------------| sd-ir 3435932 trkA_mscL+ total 10.0 bits

p35   1.8 bits   p35   3.8 bits

{--------------------------------} p35-(24)-p10 3435942 Gap 2.4 bits
|--| p35-p10 3435942 total 6.5 bits

{------------------------- ... p35-(26)-p10 3435973 Gap
|------------------------- ... p35-p10 3435973 total 5.8

```
        *3435970   *      *3435980   *      *3435990   *      *3436000   *      *3436010   *      *3436020   *      *3436030   *      *3436040   *
5' taattaaattcattcctggcaggaaaatggctaatgacatttgttagacttatggttgtcggcttcataggagaataacatg 3'
     -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet -
       - ile - lys - phe - ile - pro - gly - arg - lys - met - ala -   -   - fMet - leu - asp - leu - trp - leu - ser - ala - ser -   -   -   -   -
         - ile - lys - phe - ile - pro - gly - arg - lys - met - ala -   -   - fMet - val - val - gly - phe - ile - gly - arg - ile - thr -
```

... --------------} p35-(23)-p10 3435977 Gap 1.4 bits   [###> orf 3 codons   p10   5.5 bits   sd   [----- ... NC_000913.mscL

... ----------------| p35-p10 3435977 total 5.4 bits   p10   5.6 bits   p35   4.6 bits   ... ir

... ----------| p35   1.9 bits   ir trkA_mscL+   {--------------} sd-(9)-ir 3436046 Gap 2.3 bits

[###> orf 13 codons   {--------------} sd-(8)-ir 3435994 Gap 2.4 bits |-------------------| sd-ir 3436046 trkA_mscL+ total 15.
sd   p10   5.6 bits

p10   5.7 bits |---------------| sd-ir 3435994 trkA_mscL+ total 6.9 bits   {----------------------------} p35-(21)-p10 3436043 Gap 3.3 bits

p10   1.2 bits   p10   3.6 bits |--| p35-p10 3436043 total 6.9 bits

... -----------} p35-(26)-p10 3435973 Gap 3.7 bits
... ----------| p35-p10 3435973 total 5.8 bits
{----------------------------------} p35-(23)-p10 3435991 Gap 1.4 bits
|----------------------------------| p35-p10 3435991 total 4.1 bits

p35   2.2 bits

{--------------------------} p35-(21)-p10 3436001 Gap 3.3 bits
|--------------------------| p35-p10 3436001 total 4.5 bits

p35   3.1 bits

p35-(26)-p10 3436011 Gap 3.7 bits
p35-p10 3436011 total 4.8 bits

```
      *3436050  *       *3436060  *
5' a g c a t t a t t a a a g a a t t 3'
  -  leu  -  ile  -  ile  -  lys  -  glu  -
```

... NC_000913.mscL

...ir trkA_mscL+