piece 1, NC_000913, rdlC_chaA+, config: linear, direction: +, begin: 1269654, end: 1269991

```
        *      *1269660  *      *1269670  *      *1269680  *      *1269690  *      *1269700  *      *1269710  *      *1269720  *      *1269730
5' t t t a c c t c t c a a c g t g c g g g g g t t t t c t c t t t c c a g c a a c c a a t g c c a c c a g g g a t a a a g c c c c g c a a c a t t g c g c c t c a c 3'
   - phe - thr - ser - gln - arg - ala - gly - val - phe - ser - phe - gln - gln - pro - met - pro - pro - gly - ile - lys - pro - arg - asn - ile - ala - pro - his -
     - leu - pro - leu - asn - val - arg - gly - phe - ser - leu - ser - ser - asn - gln - cys - his - gln - gly -   ●   -    -    -    -    - fMet - arg - leu - thr -
       - tyr - leu - ser - thr - cys - gly - gly - phe - leu - phe - pro - ala - thr - asn - ala - thr - arg - asp - lys - ala - pro - gln - his - cys - ala - ser - pro -
```

p35 3.0 bits

p10 2.7 bits

{--------------------------------------} p35-(23)-p10 1269720 Gap 1.4 bits
|--------------------------------------| p35-p10 1269720 total 4.2 bits

```
  *      *1269740  *      *1269750  *      *1269760  *      *1269770  *      *1269780  *      *1269790  *      *1269800  *      *1269810  *
5' c g g a t a a c g c c g g c t t g g t g t g g a t a c t a c g t c g c a a t t c a t c t t c a c t t c a t c c c t g a a a t g t t t g c a a t g a a g a g t a c a 3'
   - arg - ile - thr - pro - ala - trp - cys - gly - tyr - tyr - val - ala - ile - his - leu - his - phe - ile - pro - glu - met - phe - ala - met - lys - ser - thr -
     - gly -    -    -    - fMet - asp - thr - thr - ser - gln - phe - ile - phe - thr - ser - ser - leu - lys - cys - leu - gln -    -    -    -    -    -    -    -
       - asp - asn - ala - gly - leu - val - trp - ile - leu - arg - arg - asn - ser - ser - ser - leu - his - pro -    -    -    -    -    -    -    -    -    -    -
```

```
  *      *1269820  *      *1269830  *      *1269840  *      *1269850  *      *1269860  *      *1269870  *      *1269880  *      *1269890  *
5' t t c c g g c t t t c a a c a g c t g t t c a g t g g t t t c g t g c a g g t g t g g t a c a g c t c g c a a t t c t g a t t a a c g a c c t g t c c a g 3'
   - phe - arg - leu - phe - asn - ser - cys - cys - ser - gly - phe - val - gln - gly - val - val - gln - ala - asn - ser - asp -    -    -    -    -    -    -    -
     -    -    -    -    -    - fMet - val - ser - cys - arg - val - trp - tyr - arg - leu - ala - ile - leu - ile - asn - asp - leu - ser - arg -
       -    -    -    -    -    -    - fMet - gln - trp - phe - arg - ala - gly - cys - gly - thr - gly - ser - gln - phe -    -    ●   -    -    -    -
```

... sd

p35 3.1 bits

{--------- ... p35-(21)-p10 1269912 Gap
|--------- ... p35-p10 1269912 total 6.7

```
        *1269900  *      *1269910  *      *1269920  *      *1269930  *      *1269940  *      *1269950  *      *1269960  *      *1269970  *
5' g t a g t a t g a a g a a a t a c a a t a a g c a g g a a t t t a t a t t a t c t c c c c g a t t a c c g t c a t c g g a g g a g a t a t a a c t g t c a g g c 3'
   fMet - lys - lys -    -    - lys - gln - glu - phe - ile - leu -     - pro - pro - ile -     - val - ile -     -     - asp - ile -     - val - arg - gln -
```

... sd

p10 6.9 bits

p10 6.5 bits

<----------- ... NC_000913.chaA

ir rdlC_chaA+

... {-------------------------------} p35-(21)-p10 1269912 Gap 3.3 bits
... |-------------------------------| p35-p10 1269912 total 6.7 bits
{---------} sd-(5)-ir 1269902 Gap 5.4 bits
|---------| sd-ir 1269902 rdlC_chaA+ total 7.4 bits

p35 2.4 bits

{-------------------------------------} p35-(26)-p10 1269929 Gap 3.7 bits
|-------------------------------------| p35-p10 1269929 total 5.2 bits

```
        *1269980  *      *1269990
5' a a a t a t c g t c a t c a 3'
```

- ile -   -   -   -

... -------------------------- ... NC_000913.chaA