piece 1, NC_000913, yjjI_deoC-, config: linear, direction: -, begin: 4615375, end: 4615069

```
       *        *4615370  *         *4615360  *         *4615350  *         *4615340  *         *4615330  *         *4615320  *         *4615310  *         *4615300  *
5' a c g c a g g c t g c t t g c t t t c a g a t c a g t c a t t c a t t c t c c t g g c t t g t c g c c a a t a a a a t t c a c c t t g c g a g t t t g t t a g t 3'
   - thr - gln - ala - ala - cys - phe - gln - ile - ser - his - phe - ile - leu - leu - ala - cys - arg - gln -    - lys - ile - his - leu - ala - ser - leu - leu - val -
       - ala - gly - cys - leu - leu - ser - asp - gln - ser - phe - his - ser - pro - gly - leu - ser - pro - ile - lys - phe - thr - leu - arg - val - cys -   -   -
... ------------------------------------------------------------------] NC_000913.deoC                                                                        ... p10
```

p10   7.6 bits

p35   5.3 bits
p10   3.1 bits
p35   0.7 bits

{------------------------------------} p35-(21)-p10 4615342 Gap 3.3 bits
|------------------------------------| p35-p10 4615342 total 5.1 bits
{-------------------------------------- ... p35-(22)-p10 4615294 Gap
|-------------------------------------- ... p35-p10 4615294 total 4.3

p35   5.3 bits

{--} p35-(25)-p10 4615320 Gap 4.0 bits
|--| p35-p10 4615320 total 8.9 bits

```
       *        *4615290  *         *4615280  *         *4615270  *         *4615260  *         *4615250  *         *4615240  *         *4615230  *         *4615220  *
5' a t t c t a a c a t c t a c t c c g c a a c a c a c t t c g a t a c a c a t c a c a a t t a a g g a a a t c t a c t t a c a a g t t t g c a t c a c t g t a a t g 3'
   - phe -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet
                                                                                                           - fMet - his - his - cys - asn - ala -
```

p10   6.0 bits

... } p35-(22)-p10 4615294 Gap 2.3 bits
... | p35-p10 4615294 total 4.3 bits

```
       *        *4615210  *         *4615200  *         *4615190  *         *4615180  *         *4615170  *         *4615160  *         *4615150  *         *4615140  *
5' c g a t c t g g t t c a a a t a a t t c a c t t t c a a a t g a a t g c g t c a g t g g t g g c a a a c g c a t c a g g a t c a a a g t g a a c a t c a c g a a a 3'
   - arg - ser - gly - ser - asn - asn - ser - leu - ser - asn - glu - cys - val - ser - gly - gly - lys - arg - ile - arg - ile - lys - val - asn - ile - thr - lys -
       - ile - trp - phe - lys -   -   -   -   -   - fMet - asn - ala - ser - val - val - ala - asn - ala - ser - gly - ser - lys -   - glu - his - his - glu - thr -
                                                      - fMet - arg - gln - trp - trp - gln - thr - his - gln - asp - gln - ser - glu - his - his - glu - thr -
```

ir yjjI_deoC-

sd

{-------------} sd-(7)-ir 4615147 Gap 3.7 bits
|-------------| sd-ir 4615147 yjjI_deoC- total 7.9 bits

```
       *        *4615130  *         *4615120  *         *4615110  *         *4615100  *         *4615090  *         *4615080  *         *4615070
5' c t t c t t a c a a t g g c g c a t c a c c t t c g g c c a t a a a a g g a a a a g a a g a t g c c c a c t t c t c a t g a a a 3'
   - leu - leu - thr - met - ala - his - his - leu - arg - his - lys - arg - lys - arg - arg - cys - pro - leu - leu - met - lys -
       - ser - tyr - asn - gly - ala - ser - pro - ser - ala -   -   -   - fMet - pro - thr - ser - his - glu -
```

sd   [------------------------------------ ... NC_000913.yjjI

ir yjjI_deoC-

{-------------} sd-(9)-ir 4615088 Gap 2.3 bits
|-----------------| sd-ir 4615088 yjjI_deoC- total 12.6 bits