piece 1, NC_000913, parC_ygiS-, config: linear, direction: -, begin: 3164162, end: 3163976

```
     *3164160  *        *3164150  *        *3164140  *        *3164130  *        *3164120  *        *3164110  *        *3164100  *        *3164090  *
5' a g c a a a g a g t t g t a t a t c a a g g c a c a t t g a t g c c t t t a t c g c c g t c g g a g c a c g t c c g g c g g c g c t a t t c a c g t t g a t c t c 3'
   -  ser - lys - glu - leu - tyr - ile - lys - ala - his -     -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
   -  ala - lys - ser - cys - ile - ser - arg - his - ile - asp - ala - phe - ile - ala - val - gly - ala - arg - pro - ala - ala - leu - phe - thr - leu - ile - ser -
          - gln - arg - val - val - tyr - gln - gly - thr - leu - met - pro - leu - ser - pro - ser - glu - his - val - arg - arg - arg - tyr - ser - arg -    -    -    -
```
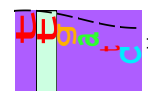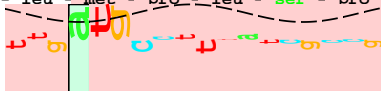
ir parC_ygiS-

[###> orf 16 codons

sd

{-------------} sd-(8)-ir 3164133 Gap 2.4 bits
|-------------| sd-ir 3164133 parC_ygiS- total 5.3 bits

p35 4.2 bits

{-------------} ... p35-(26)-p10 3164062 Gap
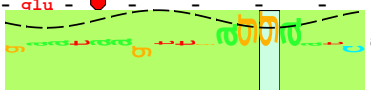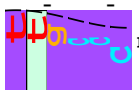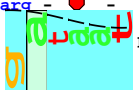|-------------| ... p35-p10 3164062 total 4.8

```
     *3164080  *        *3164070  *        *3164060  *        *3164050  *        *3164040  *        *3164030  *        *3164020  *        *3164010  *
5' c t g t g a c t c g a c g c g g c a g a t a a t g t a g t a t c t c c g g c a a t a t t g c c c c t t t g a a g g c t g g c g a a t a a g t t g a g g a a t c a g 3'
   -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    - -fMet - pro - leu -    -    -    -    -    - -fMet - arg - asn - gln -
   -  cys - asp - ser - thr - arg - gln - ile - met -    -    -    -    -    -    -    -    -    -    - -fMet - lys - ala - gly - glu -    -    -    -    -    -    -    -
   - -fMet - thr - arg - arg - gly - arg -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
```
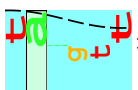
p10 4.3 bits

p35 4.6 bits

sd

{-------------} ... sd-(12)-ir 3163995 Gap
|-------------| ... sd-ir 3163995 parC_ygiS-

... {------------------------------------>} p35-(26)-p10 3164062 Gap 3.7 bits
... |------------------------------------| p35-p10 3164062 total 4.8 bits

p10 3.8 bits

{------------------------------------>} p35-(23)-p10 3164015 Gap 1.4 bits
|------------------------------------| p35-p10 3164015 total 7.0 bits

```
     *3164000  *        *3163990  *        *3163980  *
5' a a t t a a t g a g c g a t a t g g c a g a g c g 3'
   -  asn -    -    -    -    -    -    -    -    -
   -      - -fMet - ser - asp - met - ala - glu -
```

[----------------------------------- ... NC_000913.parC

... {-----------} sd-(12)-ir 3163995 Gap 4.0 bits
... |-----------| sd-ir 3163995 parC_ygiS- total 10.6 bits

ir parC_ygiS-