piece 1, NC_000913, bglG_phoU+, config: linear, direction: +, begin: 3904561, end: 3904895

```
       *      *3904570   *      *3904580   *      *3904590   *      *3904600   *      *3904610   *      *3904620   *      *3904630   *      *3904640
5' g t t g a g a a t t t t g g t g a t t t g c a t g t t c a t a g c a a g g a c c t t t t t t a t a a a c a a a a a a a c c c g a c t t c a c c a g t a t t c t c t 3'
   - val - glu - asn - phe - gly - asp - leu - his - val - his - ser - lys - asp - leu - phe - tyr - lys - gln - lys - asn - pro - thr - ser - pro - val - phe - ser -
     - leu - arg - ile - leu - val - ile - cys - met - phe - ile - ala - arg - thr - phe - phe - ile - asn - lys - lys - thr - arg - leu - his - gln - tyr - ser - leu -
```

... --] NC_000913.bglG

p10 1.3 bits

p35 6.2 bits

p10 3.2 bits
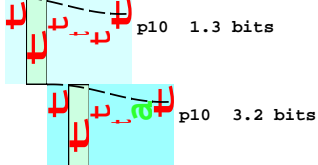
} p35-(22)-p10 3904602 Gap 2.3 bits
| p35-p10 3904602 total 5.1 bits
} p35-(24)-p10 3904604 Gap 2.4 bits
| p35-p10 3904604 total 6.9 bits

```
       *      *3904650   *      *3904660   *      *3904670   *      *3904680   *      *3904690   *      *3904700   *      *3904710   *      *3904720
5' g g t t a t g t c a g g t t t t g c c t g c g a a t g c a g t a a c a a t c c a g t c a t t t a t t a a t g g t t t t t a t a a c g a a c a t c c a g g t t c g g 3'
   - gly - tyr - val - arg - phe - cys - leu - arg - met - gln -                           -fMet - val - phe - ile - thr - asn - ile - gln - val - arg -
     - val - met - ser - gly - phe - ala - cys - glu - cys - ser - asn - asn - pro - val - ile - tyr -             - asn - gly - phe - tyr - asn - glu - his - pro - gly - ser - glu -
       -             -             -             -             - fMet - pro - ala - asn - ala - val - thr - ile - gln - ser - phe - ile - asn - gly -
```

p35 4.7 bits

... p10

} p35-(23)-p10 3904723 Gap
| p35-p10 3904723 total 4.9

```
       *      *3904730   *      *3904740   *      *3904750   *      *3904760   *      *3904770   *      *3904780   *      *3904790   *      *3904800
5' a a a t t a a t t g c g t g c a g a g a a a t a g c g c t a t t g a t a a a a a t a t g a c c a t g c t g c g a g t t a t t a a c t t t g t 3'
   - lys - leu - ile -        -fMet - arg - ala - glu - lys - ile - ala - met - arg - tyr -                    -fMet - thr - met - leu - ala - val - ile - asn - phe - val -
     -              - ile - asn - leu - ile - ala - cys - arg - glu - asn - ser - asn - ala - leu - leu - ile - lys - ile -                                                   -fMet - cys -
```

... p10 1.7 bits

ir bglG_phoU+

... p35

sd

... } p35-(23)-p10 3904723 Gap 1.4 bits

{----- ... p35-(21)-p10 3904822 Gap

... | p35-p10 3904723 total 4.9 bits
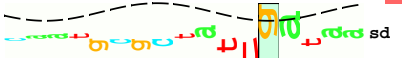
{ sd-(9)-ir 3904775 Gap 2.3 bits

|----- ... p35-p10 3904822 total 5.6

|----------------| sd-ir 3904775 bglG_phoU+ total 6.4 bits

... p35

```
       *      *3904810   *      *3904820   *      *3904830   *      *3904840   *      *3904850   *      *3904860   *      *3904870   *      *3904880
5' g t a a t t t t a g g a a t t t a t a a a g t t a t a t a t a a a a t c c c a a t a a t t a g t t a t t g g a g t t t g t c t g g t g a a t t a t t t g t c 3'
   -                                                                                                               -fMet - ser - gly - glu - leu - phe - val -
     - asn - phe - arg - asn - leu -                                                          -fMet - gly - phe - val - trp -               -fMet - asn - tyr - leu - ser -
```
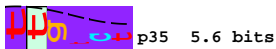
... p35 3.8 bits

p10 5.1 bits

<---------------- ... NC_000913.phoU

... }-----------------------------} p35-(21)-p10 3904822 Gap 3.3 bits

p35 5.6 bits

... -----------------------------| p35-p10 3904822 total 5.6 bits

{----------------------------------- ... p35-(23)-p10 3904888 Gap

... p35 3.6 bits

p10 2.4 bits

|----------------------------------- ... p35-p10 3904888 total 8.6

[###> orf 11 codons

p10 4.1 bits
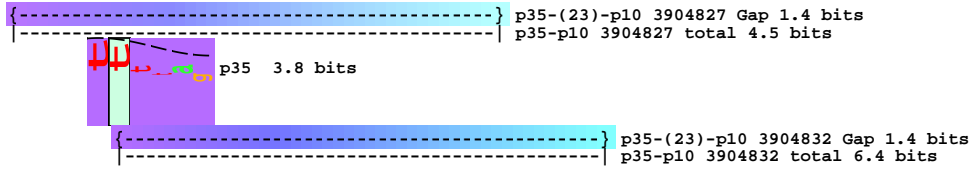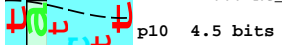
```
{------------------------------------} p35-(23)-p10 3904827 Gap 1.4 bits
|------------------------------------| p35-p10 3904827 total 4.5 bits

                      p35   3.8 bits

                  {------------------------------} p35-(23)-p10 3904832 Gap 1.4 bits
                  |------------------------------| p35-p10 3904832 total 6.4 bits

    *        *3904890   *
5' g c t a c t t c c 3'
  - ala - ile - phe -
  - leu - ser - phe -
    -     -     -
... -------------------- ... NC_000913.phoU

                      p10   4.5 bits

... ------} p35-(23)-p10 3904888 Gap 1.4 bits
... ------| p35-p10 3904888 total 8.6 bits
```