piece 1, NC_000913, glvC_yidP+, config: linear, direction: +, begin: 3861597, end: 3861941

```
          *3861600  *       *3861610  *       *3861620  *       *3861630  *       *3861640  *       *3861650  *       *3861660  *       *3861670  *
5' g c c g c c a a a g c t t g a a t t t g a c t g a g c a t t t c c a c a t c c t c t t t t c t c a a t t c t g t a a g t a g g a a g c c t g a t t g g t t a t g 3'
    - ala - ala - lys - ala - leu - asn - leu - thr - glu - his - phe - his - ile - leu - phe - ser - gln - phe - cys - lys -     -     -     -     - -fMet - val - met -
        - pro - pro - lys - arg -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
            - arg - gln - ser - val - glu - phe - asp -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -

... -----------------------------------------------------------] NC_000913.glvC
```

p10   2.1 bits

p35   6.5 bits   p10   2.3 bits

{---} p35-(23)-p10 3861633 Gap 1.4 bits
|---| p35-p10 3861633 total 7.5 bits

p35   6.5 bits

{--} p35-(24)-p10 3861640 Gap 2.4 bits
|--| p35-p10 3861640 total 6.2 bits
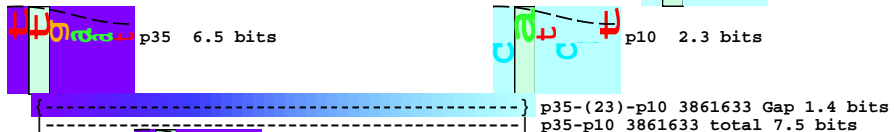
```
          *3861680  *       *3861690  *       *3861700  *       *3861710  *       *3861720  *       *3861730  *       *3861740  *       *3861750  *
5' c g g c a g g c c t g g a g c g a g g a t a g a a g a t g c a g c a g a a c a t g a c g a c c c a a t g g a t t c g t g a t c g t c a t g c t t 3'
    - arg - gln - ala - trp - ser - glu - asp - arg - lys - met - arg - ser - ala - glu - his - asp - asp - pro - met - gly - phe - val - ile - ala - phe - met - leu -
                                                    -     -     -    -fMet - thr - thr - gln - trp - asp - ser -     -     -     -     -     -     -     -     - -
```

ir glvC_yidP+

... p35

sd

... p35-(22)-p10 3861780 Gap

{-----------------} sd-(9)-ir 3861705 Gap 2.3 bits
|-----------------| sd-ir 3861705 glvC_yidP+ total 5.2 bits

|- ... p35-p10 3861780 total 4.5

```
          *3861760  *       *3861770  *       *3861780  *       *3861790  *       *3861800  *       *3861810  *       *3861820  *       *3861830  *
5' t t c g t t g g g c g g t a g a g a t c t a c g t t t t c g c g a a a a a g t a g a c c t c t g t g a g c a c a g g t a c a c a g c a t c g a a c a c a t c t t t 3'
    - phe - val -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     - -
          - -fMet - gly - gly - arg - asp - leu - arg - phe - arg - glu - lys - val - asp - leu - cys - glu - his - arg - tyr - thr - ala - ser - asn - thr - ser - leu -
                                                                              -    -fMet - ser - thr - gly - thr - gln - his - arg - thr - his - leu - -
```
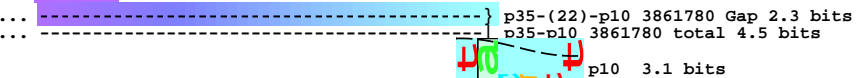
... p35   3.7 bits   [###> orf 23 codons

... {------------------------------] p35-(22)-p10 3861780 Gap 2.3 bits
... |------------------------------| p35-p10 3861780 total 4.5 bits

p10   3.1 bits

```
          *3861840  *       *3861850  *       *3861860  *       *3861870  *       *3861880  *       *3861890  *       *3861900  *       *3861910  *       *3861920
5' a a a a a a a a g a t g t t t t t t c a a t c g a t t a a g c a g a a c t t g t g t g c g c a t t a c c c g g c t t g c a g g c a a a a a a g a g a t c t a g a 3'
    -     -     -     -    -fMet - phe - phe - gln - ser - ile - lys - gln - asn - leu - cys - ala - his - tyr - pro - gly - leu - gln - ala - lys - lys - arg - ser - arg -
        - lys - lys - arg - cys - phe - phe - asn - arg - leu - ser - arg - thr - cys - val - arg - ile - thr - arg - ala - cys - arg - gln - lys - arg - arg - asp - ile - glu -
                                                                  -    -fMet - cys - ala - leu - pro - gly - leu - ala - gly - lys - lys - glu - ile - -
```

sd   ... ir

p35   5.2 bits   {------------------- ... sd-(11)-ir 3861922 Gap

|------------------- ... sd-ir 3861922 glvC_yidP+
{--- ... p35-(24)-p10 3861922 Gap
|--- ... p35-p10 3861922 total 5.1

```
              *          *3861930   *        *3861940
    5' g a t g a t c t a c a a a a g c a t t g c 3'
       -  asp  -  asp  - leu -  gln  -  lys  -  his  -  cys  -
            -  met  -  ile  -  tyr  -  lys  -  ser  -  ile  -
       -    -    -    -    -    -fMet -
```

... ir glvC_yidP+

... --} sd-(11)-ir 3861922 Gap 3.0 bits
... --| sd-ir 3861922 glvC_yidP+ total 6.8 bits
... --} p35-(24)-p10 3861922 Gap 2.4 bits
... --| p35-p10 3861922 total 5.1 bits
... [-------------------------------- ... NC_000913.yidP

p10   2.4 bits