piece 1, NC_000913, fruB_setB+, config: linear, direction: +, begin: 2261488, end: 2261904

```
        *2261490  *         *2261500  *         *2261510  *         *2261520  *         *2261530  *         *2261540  *         *2261550  *         *2261560  *
5' a t g g a t g t c c t g t a c g g a t a a c t g g a a c a t a g t t c t c c t c t c t t g c t g a a t t g a a a c g a t t c a g c c t c t a t g a g a a a a a a 3'
  -fMet - asp - val - leu - tyr - gly -     -     -     -    -fMet - leu - asn -    -    -    -    -    -    -    -fMet - arg - lys - lys -
   - trp - met - ser - cys - thr - asp - asn - trp - asn - ile - val - leu - leu -    - ser - cys -    -    -    -    - leu - tyr - glu - lys - lys - ser -
    - gly - cys - pro - val - arg - ile - thr - gly - thr -     -    -    -    -fMet - lys - arg - phe - ser -    - leu - tyr - glu - lys - lys - ser -
... -------------------------------------------------------] NC_000913.fruB                                                                      ... ir
                                                                                sd
```

{----------------------} sd-(12)-ir 2261557 Gap 4.0 bits
|----------------------| sd-ir 2261557 fruB_setB+ total 6.4 bits

```
        *2261570  *         *2261580  *         *2261590  *         *2261600  *         *2261610  *         *2261620  *         *2261630  *         *2261640  *
5' g c g c c a a c c t g g c t t a g g g t t a a a g a c a a g a t c g c g c t g a a a c g t t t c a a g a a a g c a t a a t a c t t c t g t t t c a g c a c g c a a 3'
  - ala - pro - ### - trp - leu - arg - val - lys - asp - lys - ile - ala - leu - lys - arg - phe - lys - lys - ala -    -    -    -    -    -    -    -
   - ala - asn - leu - ala -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
... ir fruB_setB+                                                 [###> orf 24 codons                                                      ... sd
                                                                                                                                 p35  4.3 bits
```

{----------------------} ... p35-(22)-p10 2261660 Gap
|----------------------| p35-p10 2261660 total 7.1

```
        *2261650  *         *2261660  *         *2261670  *         *2261680  *         *2261690  *         *2261700  *         *2261710  *         *2261720  *         *2261730
5' g g a a a g c c g t a a a g t t a t g a g c a a a a g t t t g a t g t g c t g c a c a a t t t t t t g c c a t t t t t c c t a a t t g c t g a t g g g a a a a t c 3'
  -    -    -    -    -    -    -    -    -    -    -fMet - leu - his - asn - phe - leu - pro - phe - phe - leu - ile - ala - asp - gly - lys - ile -
   -    -    -    -    -    -    -    -fMet - ser - lys - ser - leu - met - cys - cys - thr - ile - phe - cys - his - phe - ser -    -fMet - leu - met - gly - lys - ser -
... sd               -fMet - ser - lys - ser - leu                ir fruB_setB+                          p35  6.1 bits [###> orf 16 codons            p10  3.6 bits
```

{----------------------} sd-(15)-ir 2261666 Gap 6.0 bits
                                                                                                p10 2.3 bits

... {----------------------} p35-(22)-p10 2261660 Gap 2.3 bits   p35 4.7 bits   {----------------------------} p35-(26)-p10 2261725 Gap 3.7 bits

... |----------------------| p35-p10 2261660 total 7.1 bits   {--------------------------} p35-(24)-p10 2261703 Gap 2.4 bits
   |----------------------| sd-ir 2261666 fruB_setB+ total 7.7 bits
                                                      p10 5.1 bits |--------------------------| p35-p10 2261703 total 4.6 bits |----------------------| p35-p10 2261725 total 5.9 bits

```
              *         *2261740  *         *2261750  *         *2261760  *         *2261770  *         *2261780  *         *2261790  *         *2261800  *         *2261810
5' c g t t a t c a g c a a t t t c a t t t c a g c a g c g t c a g c a g c c a a t c a g c a a c a g t g a a a t g g c a t t t t g a c t a t t c g t g g c g c t t t 3'
  - arg - tyr - gln - gln - phe - his - phe - ser - ser - val - ser - ser - gln - ser - ala - thr - val - lys - trp - his - phe - asp - tyr - ser - trp - arg - phe -
   - val - ile - ser - asn - phe - ile - ser - ala - ala - ser - ala - ala - asn - gln - gln - gln -    -    -    -    -    -fMet - thr - ile - arg - gly - ala - phe -
    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -fMet - ala - phe -    -    -    -fMet - ala - leu - leu -
```

```
              *         *2261820  *         *2261830  *         *2261840  *         *2261850  *         *2261860  *         *2261870  *         *2261880  *         *2261890
5' t g a t t c g c t g t c t g t t t a t t t c t g a c a a g c a g c g t c a a c t c c g c t c t t c c t c t t c c t c t t c c t c t g a t c g c c a t g c a t c a t a a 3'
  - asp - phe - ala - val - cys - leu - phe - ser - asp - lys - gln - arg - lys - leu - arg - val - phe - leu - phe - gln -    -    -    -fMet - his - asn -
   - ile - ser - leu - ser - val - tyr - phe - leu - thr - ser - ser - val -    -    - ala - ser - ser - ser - ser - ser - asp - arg - pro - ala - cys - ile - thr -
                                                                                                      -fMet - ile - asp - gln - his - ala -
                                                                                                                          [-------------- ... NC_000913.setB
                              p35  4.8 bits                      p10  6.5 bits
```

{----------------------} p35-(21)-p10 2261849 Gap 3.3 bits
|----------------------| p35-p10 2261849 total 8.0 bits

```
              *         *2261900
5' c t c c c c c g c a g t 3'
```

```
  -   -   -   -    -
    - ser - pro - ala -
      - pro - pro - gln -
... ----------------------- ... NC_000913.setB
```