piece 1, NC_000913, yciT_gmr+, config: linear, direction: +, begin: 1342341, end: 1342800

```
          *        *1342350  *        *1342360  *        *1342370  *        *1342380  *        *1342390  *        *1342400  *        *1342410  *        *1342420
5' c t g t a g a a t a g t t t g t t g t c g g g a a t t c a t c g c t g t a a t t c t t a t a a c g t t a t a a t a c t t a a t a a a a a a a t a c t g a c g c g c 3'
  - leu -       - fMet - leu - ser - gly - ile - his - arg - cys - asn - ser - tyr - asn - val - ile - ile - leu - asn - lys - lys - ile - leu - thr - arg -
     - cys - arg - ile - val - cys - cys - arg - glu - phe - ile - ala - val - ile - leu - ile - thr - leu -
        - val - glu -
```

p10 8.4 bits

p35 2.2 bits
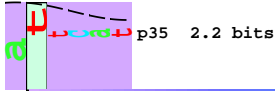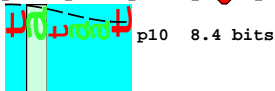
p35-(26)-p10 1342392 Gap 3.7 bits
p35-p10 1342392 total 6.9 bits

```
          *        *1342430  *        *1342440  *        *1342450  *        *1342460  *        *1342470  *        *1342480  *        *1342490  *        *1342500
5' c g g g c a t c c t c a a a t a g g a a a a c c t g a a g g c a c g a t t g t t a a a t c t c c c a c g g t g c c t t c g g g a t g t c t g g c g t a g a t t c a 3'
  - arg - ala - ser - ser - asn - arg - lys - thr -                              - fMet - ser - gly - val - asp - ser -
                                          - fMet - leu - asn - leu - pro - arg - cys - leu - arg - asp - val - trp - arg - arg - phe - ser -
```

```
          *        *1342510  *        *1342520  *        *1342530  *        *1342540  *        *1342550  *        *1342560  *        *1342570  *        *1342580
5' g c a a c c t g g c g c a a g a g t t c t g c t t t a a g t a t c t c g a g a t t a t g g a t c g c a g a g t g g t a a t c g c c t g c c a c a a g g a t a t c t 3'
  - ala - thr - trp - arg - lys - ser - ser - ala - leu - ser - ile - ser - arg - leu - trp - ile - ala - glu - trp -
        - asn - leu - ala - gln - glu - phe - cys - phe - lys - tyr - leu - glu - ile - met - asp - arg - arg - val - val - ile - ala - cys - his - lys - asp - ile -
```

```
          *        *1342590  *        *1342600  *        *1342610  *        *1342620  *        *1342630  *        *1342640  *        *1342650  *        *1342660
5' a a c a c a a t a t c a t a c g t t c g g c a a c g c g c t g g g c a t c a a a t t c a g a c a t c a a g g a c a t c c t t a t a g c a a a a g g g g g a a a 3'
```
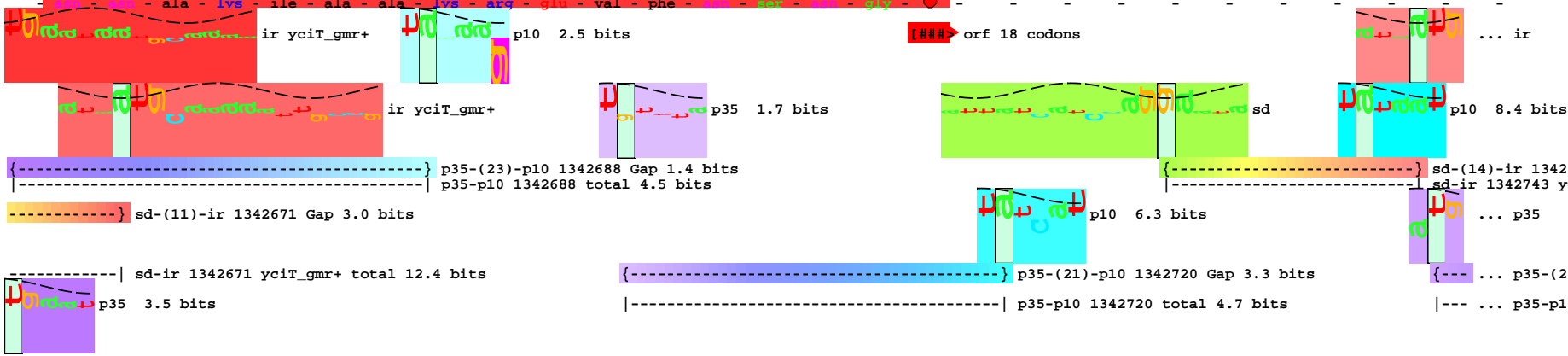
- fMet -

... ir

sd

sd-(4)-ir 1342664 Gap 9.3 bits
sd-ir 1342664 yciT_gmr+ total
sd-(11)-ir 1342671 Gap
sd-ir 1342671 yciT_gmr+ t

... p35
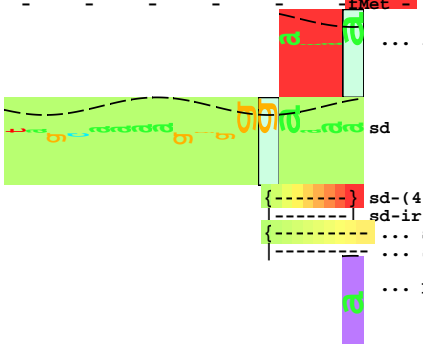
```
          *        *1342670  *        *1342680  *        *1342690  *        *1342700  *        *1342710  *        *1342720  *        *1342730  *        *1342740  *
5' t g a a t a a t g c a a a a a t t g c c g c t a a a a g a g a a g t g t t t a a c a g c a a c g g c t a a t t a t c a t c c a g g a a t a c g a t a t a t a a t g 3'
  -        - fMet - gln - lys - leu - pro - leu - lys - glu - lys - cys - leu - thr - ala - thr - ala - asn - tyr - his - pro - gly - ile - arg - tyr - ile - met -
     - asn - asn - ala - lys - ile - ala - ala - lys - arg - glu - val - phe - asn - ser - asn - gly -
```

... ir yciT_gmr+

p10 2.5 bits

orf 18 codons

... ir

ir yciT_gmr+

p35 1.7 bits

sd

p10 8.4 bits

p35-(23)-p10 1342688 Gap 1.4 bits
p35-p10 1342688 total 4.5 bits

sd-(14)-ir 1342743 Gap 4.9 bits
sd-ir 1342743 yciT_gmr+ total 10.7

sd-(11)-ir 1342671 Gap 3.0 bits

p10 6.3 bits

... p35

... sd-ir 1342671 yciT_gmr+ total 12.4 bits

... p35-(25)-p10 1342769 Gap

... p35 3.5 bits

p35-(21)-p10 1342720 Gap 3.3 bits
p35-p10 1342720 total 4.7 bits

... p35-p10 1342769 total 4.9
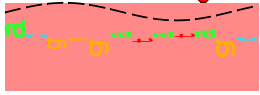
p35 1.8 bits

p35-(21)-p10 1342740 Gap 3.3 bits
p35-p10 1342740 total 6.8 bits

```
        *1342750  *     *1342760  *     *1342770  *     *1342780  *     *1342790  *     *1342800
5'  a c g g g a t a t a g c g c t a a g t a t a t a t a t t c a t c t a c t t a t g c g c g c t t c a g a t a g c  3'
  -  thr - gly - tyr - ser - ala - lys - tyr - ile - tyr - ser - ser - thr - tyr - ala - arg - phe - arg -
  -      -     -     -     -     -     -     -     -         -fMet - arg - ala - ser - asp - ser -
  -      -     -     -     -     -     -     -     -     -     -     -     -     -     -
```
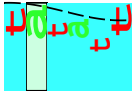
... ir yciT_gmr+   p10 6.5 bits <--------------------------------------- ... NC_000913.gmr

[###]> orf 43 codons

... p35 2.4 bits

... } p35-(25)-p10 1342769 Gap 4.0 bits
... | p35-p10 1342769 total 4.9 bits