piece 1, NC_000913, pyrE_rph-, config: linear, direction: -, begin: 3813886, end: 3813772

```
        *       *3813880   *       *3813870   *       *3813860   *       *3813850   *       *3813840   *       *3813830   *       *3813820   *       *3813810
5' g c g a c g c a g a a g g c g g c g c t g g c a a a c t g a t t t t t a a g g c g a c t g a t g a g t c g c c t t t t t t t t g t c t g t a g a a a a g t a a g a 3'
   - ala - thr - gln - lys - ala - ala - leu - ala - asn -  ● -  -   -   -  -fMet - ser - arg - leu - phe - phe - val - cys - arg - lys - val - arg -
       - arg - arg - arg - arg - arg - arg - trp - gln - thr - asp - phe -  ● -  -   -   -   -  -fMet - ser - val - glu - lys -  ● -  -   -   -
           - asp - ala - glu - gly - gly - ala - gly - lys - leu - ile - phe - lys - ala - thr - asp - glu - ser - pro - phe - phe - cys - leu -  ● -  -   -   -   -fMet -
```
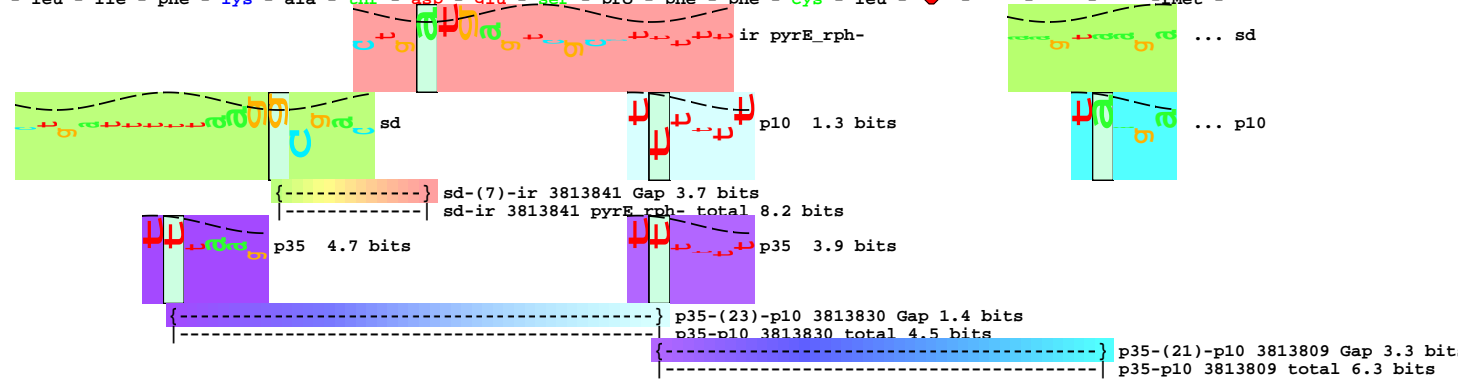
ir pyrE_rph-

... sd

sd

p10   1.3 bits

... p10

{-------------} sd-(7)-ir 3813841 Gap 3.7 bits
|-------------| sd-ir 3813841 pyrE_rph- total 8.2 bits

p35   4.7 bits

p35   3.9 bits

{-------------------------------------} p35-(23)-p10 3813830 Gap 1.4 bits
|-------------------------------------| p35-p10 3813830 total 4.5 bits

{-------------------------------------} p35-(21)-p10 3813809 Gap 3.3 bits
|-------------------------------------| p35-p10 3813809 total 6.3 bits

```
   *       *3813800   *       *3813790   *       *3813780   *
5' t g a g g a g c g a a g g c a t g a a a c c a t a t c a g c g c c a 3'
   - ● -  -   -   -  -   -  ● -  -   -   -   -   -   -   -
           - arg - ser - glu - gly - met - lys - pro - tyr - gln - arg -
```

... sd

[--------------------------------------- ... NC_000913.pyrE

... p10   5.7 bits

ir pyrE_rph-

[###> orf 13 codons

{-------------} sd-(10)-ir 3813791 Gap 2.7 bits
|-------------| sd-ir 3813791 pyrE_rph- total 11.2 bits