piece 1, NC_000913, fadI_yfcZ-, config: linear, direction: -, begin: 2458701, end: 2458472

```
     *2458700  *      *2458690  *      *2458680  *      *2458670  *      *2458660  *      *2458650  *      *2458640  *      *2458630  *
5' a t g c t g a t t t t c c a g c t g g g t c t g c g t t a a t t c c t c t c g g g t a c g t a c g c c c c t g t c a g t t g c t g g c a g g g g c g t t t t c t t 3'
  -fMet - leu - ile - phe - gln - leu - gly - leu - arg - - - - - - - - - - - - - - - - - - - -
      - cys -
      - ala - asp - phe - pro - ala - gly - ser - ala - leu - ile - pro - leu - gly - tyr - val - arg - pro - cys - gln - leu - leu - ala - gly - ala - phe - ser - phe -
```
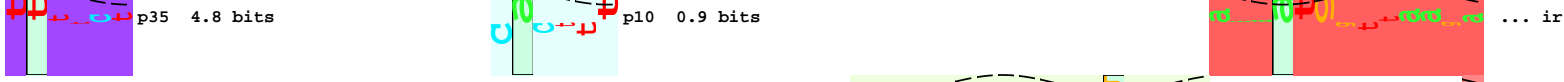
```
     *2458620  *      *2458610  *      *2458600  *      *2458590  *      *2458580  *      *2458570  *      *2458560  *      *2458550  *      *2458540
5' t t c t c t t c t t c t t t c t c t g t g t c a t a g c t c c c a c t t c c t t t t c t c c a c t t g g c t a a a t g t a a a a a a a t g g t t a a g a 3'
  - - - - - - - - - -fMet - ser - - - - - - - - - - - - - - -fMet - - - - -
  - leu - phe - phe - phe - ser - leu - cys - val - ile - ala - pro - thr - phe - pro - phe - leu - his - leu - ala - lys - cys - lys - lys - met - val - lys - phe -
```

p35 4.8 bits

p10 0.9 bits

... ir

sd

... ir

{--} p35-(23)-p10 2458585 Gap 1.4 bits
|--| p35-p10 2458585 total 4.2 bits

{------------} sd-(8)-ir 2458549 Gap 2.4 bits
|------------| sd-ir 2458549 fadI_yfcZ- total 8.0 bits

p35 4.8 bits

sd

p35 2.4 bits {-------------} ... sd-(9)-ir 2458537 Gap
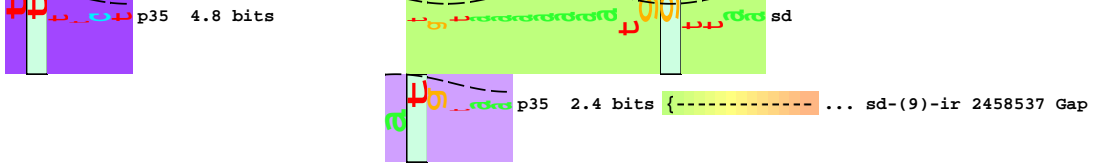
|------------- ... sd-ir 2458537 fadI_yfcZ-

p10 3.8 bits

{------------------------------------} p35-(24)-p10 2458552 Gap 2.4 bits
|------------------------------------| p35-p10 2458552 total 6.2 bits

{-------------------------- ... p35-(21)-p10 2458537 Gap
|-------------------------- ... p35-p10 2458537 total 5.6

```
        *      *2458530  *      *2458520  *      *2458510  *      *2458500  *      *2458490  *      *2458480  *
5' c t a t g a t c a g g t c a g a c c a c t t t a t t t a t t t t t t a c a g g g g a g t g t t a t g g g t c a g g t t t t a c c g c t 3'
  - - - - - - - - - - - - - - -fMet - gly - gln - val - leu - pro -
  - - - - - - - - - - - - - - -fMet - leu - trp - val - arg - phe - tyr - arg -
  - met - ile - arg - ser - asp - his - phe - ile - tyr - phe - phe - thr - gly - glu - cys - tyr - gly - ser - gly - phe - thr - ala -
```

... ir fadI_yfcZ-

... ir fadI_yfcZ-

sd

p10 6.4 bits

{-------------} sd-(7)-ir 2458491 Gap 3.7 bits
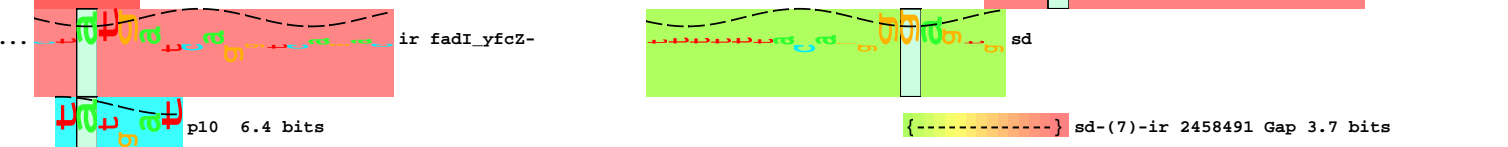
|-------------| sd-ir 2458491 fadI_yfcZ- total 11.2 bits

... ----} sd-(9)-ir 2458537 Gap 2.3 bits
... ----| sd-ir 2458537 fadI_yfcZ- total 10.9 bits

... ----} p35-(21)-p10 2458537 Gap 3.3 bits
... ----| p35-p10 2458537 total 5.6 bits