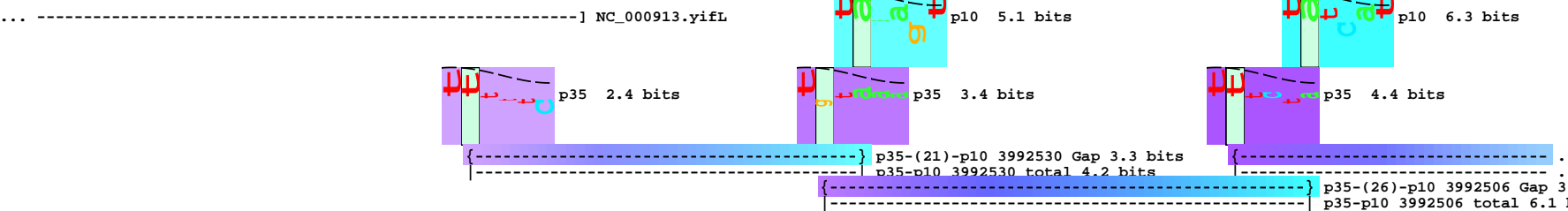


piece 1, NC\_000913, cyaY\_yifL-, config: linear, direction: -, begin: 3992574, end: 3992063

```

*3992570 *      *3992560 *      *3992550 *      *3992540 *      *3992530 *      *3992520 *      *3992510 *      *3992500 *
5' t a c a g t g a g t g c c t t a a a c a c g t t t t t c a t t a t g g a t t g c c t g t a a a g t t c a t c g c t t t c t g c t t t c t a t c a t c g c a g g a g 3'
- tyr - ser - glu - cys - leu - lys - his - val - phe - his - tyr - gly - leu - pro - val - lys - phe - ile - ala - phe - cys - phe - leu - ser - ser - gln - glu -
- thr - val - ser - ala - leu - asn - thr - phe - phe - ile - met - asp - cys - leu -
- gln - -fMet - pro -

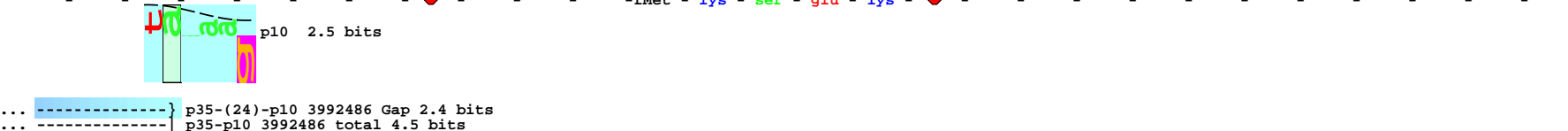
```



```

*3992490 *      *3992480 *      *3992470 *      *3992460 *      *3992450 *      *3992440 *      *3992430 *      *3992420 *
5' a a g a c g t a a a a g c a a g c g t t t a g c g a c t c t t a t g a a g t c t g a a a a g g a a a t g c c t g c g a g t a t a a c g c t a c t c g g t g 3'
- lys - thr - -fMet - -fMet - lys - ser - glu - lys - -fMet - arg - lys - cys - cys - glu - tyr - asn - ala - tyr - ser - trp -
- -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet -

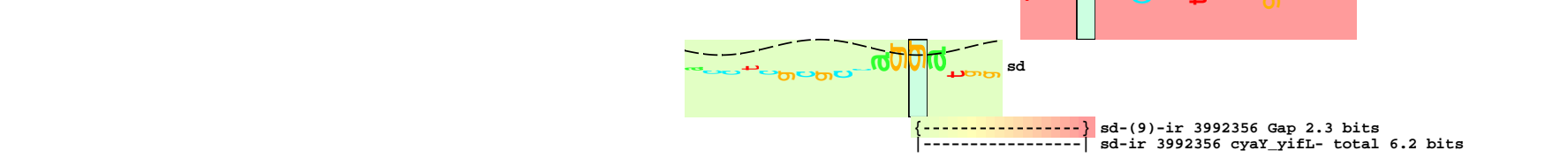
```



```

*3992410 *      *3992400 *      *3992390 *      *3992380 *      *3992370 *      *3992360 *      *3992350 *      *3992340 *
5' g g g a t t t a t g t t t t g c t g g t a g t t t c g t g a t c g g c a c c t c g c g c c a g g a t g g c t t t a t g c a c t a t c g c a a t g t g g t t t g t t 3'
- gly - ile - tyr - val - leu - leu - val - val - ser - -fMet - ala - leu - cys - thr - ile - ala - met - trp - phe - val -
- gly - phe - met - phe - cys - trp - -fMet - ile - gly - thr - ser - arg - gln - asp - gly - phe - met - his - tyr - arg - asn - val - val - cys - leu -
- -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet -

```



```

*3992330 *      *3992320 *      *3992310 *      *3992300 *      *3992290 *      *3992280 *      *3992270 *      *3992260 *
5' t g t t g t c t t t t t t a g t t c c g t c a g c g t g a g g a t g c t c g c t c g g t a a a c c t g a t c a t a a t g t t t a c c a g a a a c a g g g a a a g a 3'
- cys - cys - leu - phe - -fMet - -fMet - lys - arg - gln - ile - phe - arg - tyr - thr - glu - thr - ser - leu - phe - arg - -fMet - thr - asp - glu - ser - cys -
- val - val - phe - phe - ser - ser - val - ser - val - arg - met - leu - ala - arg - -fMet - phe - thr - arg - asn - arg - glu - arg -
- leu - ser - phe - leu - val - pro - ser - ala -

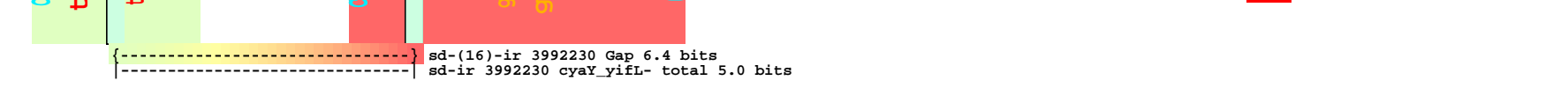
```



```

*3992250 *      *3992240 *      *3992230 *      *3992220 *      *3992210 *      *3992200 *      *3992190 *      *3992180 *      *3992170
5' c g t g g t g t a a c t g c g c c c t a a t g a a g a g a c a a a t c t t t c g c t a c a c a g a g a c a t c a t t a t t c g g t g a c g g a t g a a t c g t g 3'
- arg - gly - val - thr - ala - pro - -fMet - lys - arg - gln - ile - phe - arg - tyr - thr - glu - thr - ser - leu - phe - arg - -fMet - thr - asp - glu - ser - cys -
- -fMet - val - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet - -fMet -

```

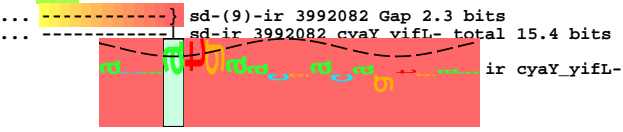
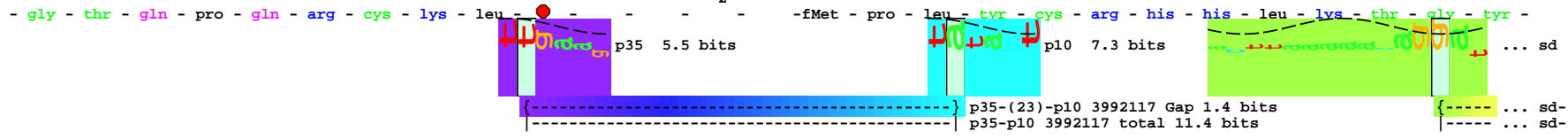


```

*3992160 *      *3992150 *      *3992140 *      *3992130 *      *3992120 *      *3992110 *      *3992100 *      *3992090
5' c c g g a a c g c a g c c g c a g a g g t g c a a a c t t t g a a g c c c t g a c c c c a t g c c g c t a t a c t g c c g c c a t c a c t t a a a a a c a g g a t 3'
- pro - glu - arg - ser - arg - arg - gly - ala - asn - phe - glu - ala - leu - thr - pro - cys - arg - tyr - thr - ala - ala - ile - thr -
- arg - asn - ala - ala - ala - glu - val - gln - thr - leu - lys - pro -

```

- 2 -



p35-(23)-p10 3992117 Gap 1.4 bits  
 p35-p10 3992117 total 11.4 bits  
 ... sd-(9)-ir 3992082 Gap  
 ... sd-ir 3992082 cyaY\_yifL-

... NC\_000913.cyaY

ir cyaY\_yifL-