piece 1, NC_000913, ampH_sbmA-, config: linear, direction: -, begin: 395892, end: 395492

```
      *395890    *        *395880    *        *395870    *        *395860    *        *395850    *        *395840    *        *395830    *        *395820    *
5' t c c c g g c t t t g g g a a a a a a g a c t t a a a c a t a t g c a c t c c t g c t a a c t t c t t a t c g t t t t a a c a a c t g c t g t g t a t t a a c c g 3'
   -  ser - arg - leu - trp - glu - lys - arg - leu - lys - his - met - his - ser - cys -       -                                    -fMet - tyr -      -
   -  pro - gly - phe - gly - lys - lys - asp - leu - asn - ile - cys - thr - pro - ala - asn - phe - leu - ser - phe -        -
   -  pro - ala - leu - gly - lys - lys - thr -        -                    ] NC_000913.sbmA
```

```
      *395810    *        *395800    *        *395790    *        *395780    *        *395770    *        *395760    *        *395750    *        *395740    *
5' c a t g a c c g c t a c a a a g c g t c a g c c a a a t g a a a c c g c c a t t g t g a c c c a t a g c a a g g c g c t t a g t t c g c c a g c c t g a c c a t 3'
   -fMet - thr - ala - thr - lys - arg - gln - pro - asn - glu - thr - ala - his - cys - asp - pro -        -              -             -      -
   -                                        -fMet - lys - pro - pro - ile - val - thr - his - ser - lys - ala - leu - ser - ser - pro - ala -      -      -
```
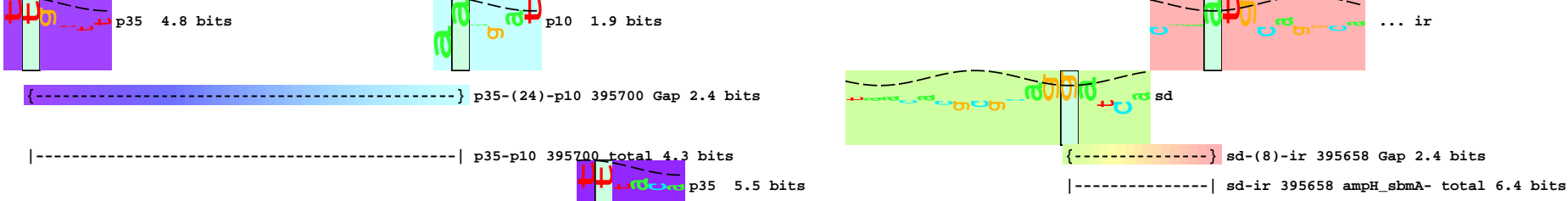
```
      *395730    *        *395720    *        *395710    *        *395700    *        *395690    *        *395680    *        *395670    *        *395660    *        *395650
5' a a g a a t t g t t t c g a c g g a t t t c a c a a a c c a a a g a t t g t t t a c a t a a g c g g a t t a a c a c g c g c a g g a t c a c a a a t g c a g g c a 3'
                                                                      -fMet - phe - thr -      -              -                            -fMet - gln - ala -
   -fMet - phe - arg - arg - ile - ser - gln - thr - lys - asp - cys - leu - his - lys - arg - ile - asn - thr - arg - arg - ile - thr - asn - ala - gly - ile -
```

p35   4.8 bits
p10   1.9 bits
... ir

{---} p35-(24)-p10 395700 Gap 2.4 bits
sd
{------------} sd-(8)-ir 395658 Gap 2.4 bits

|-------------------------------------| p35-p10 395700_total 4.3 bits
|---------------| sd-ir 395658 ampH_sbmA- total 6.4 bits
p35   5.5 bits

p10   1.8 bits

{-------------------------------------} p35-(24)-p10 395668 Gap 2.4 bits
|-------------------------------------| p35-p10 395668 total 4.9 bits

```
      *        *395640    *        *395630    *        *395620    *        *395610    *        *395600    *        *395590    *        *395580    *        *395570
5' t t g g t g a g c a g g a a a a a g a t c g t g t t t a c g c g c c g t t a c g t t t t t a a c a c t a t t a t t g c a c t a a t t c g c c c t t t g c a a t c t 3'
   -leu - val - ser - arg - lys - lys - ile - val - phe - thr - arg - arg - tyr - val - phe - asn - thr - ile - ile - ala - leu - ile - arg - pro - leu - gln - ser -
                                                                                          -fMet - his -      -
   -    - gly - glu - gln - glu - lys - asp - arg - val - tyr - ala - pro - leu - arg - phe -        -
```
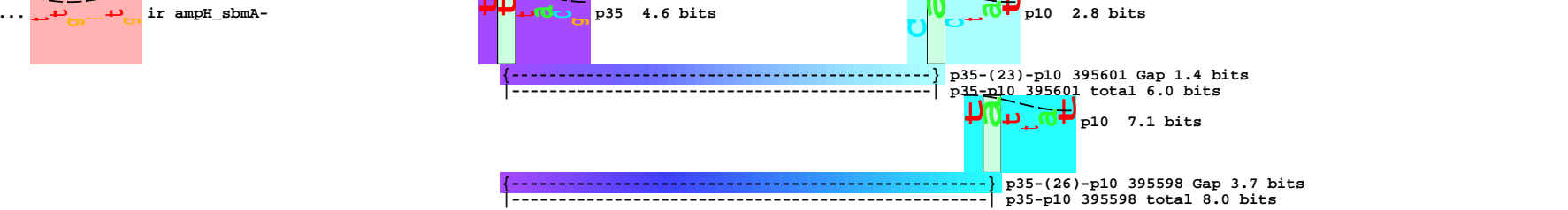
... ir ampH_sbmA-
p35   4.6 bits
p10   2.8 bits

{-----------------------------------} p35-(23)-p10 395601 Gap 1.4 bits
|-------------------------------------| p35-p10 395601 total 6.0 bits
p10   7.1 bits

{-----------------------------------} p35-(26)-p10 395598 Gap 3.7 bits
|-------------------------------------| p35-p10 395598 total 8.0 bits

```
      *        *395560    *        *395550    *        *395540    *        *395530    *        *395520    *        *395510    *        *395500    *
5' a t c a a t g a g t a g t a t a a a t a c g c t c a g t t a c c t t c a t t c a a t c t a t g g a c a c c a c g t t g a a a c g t a g t c t g c t t t t 3'
   - ile - asn - glu -      -              -                                                        -fMet - lys - arg - ser - leu - leu -
   -       -fMet - ser - ser - ile - asn - thr - leu - ser - tyr - leu - his - ser - ile - tyr - gly - his - his - arg -      -
                                                                      -fMet - asp - thr - thr - val - glu - thr -      -
```

[###> orf 34 codons
[----------------------------------- ... NC_000913.ampH