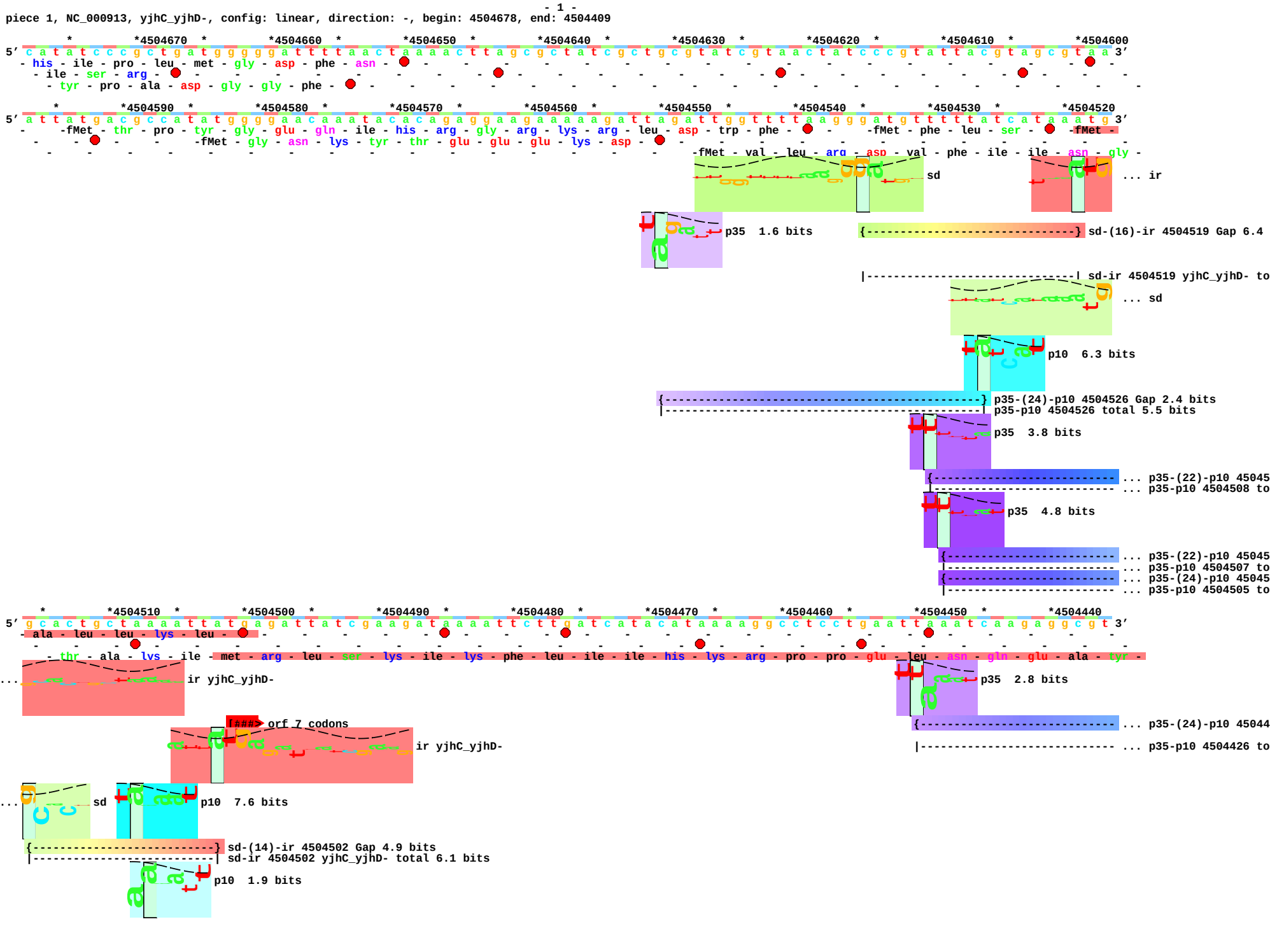
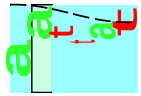

piece 1, NC_000913, yjhC_yjhD-, config: linear, direction: -, begin: 4504678, end: 4504409
*4504670 *4504660 *4504650 *4504640 *4504630 *4504620 *4504610 *4504600
5' c a t a t c c c g c t g a t g g g g a t t t t a a c t a a a a c t t a g c g c t a t c g c t g c g t a t c g t a a c t a t c c c g t a t t a c g t a g c g t a a 3'
- his - ile - pro - leu - met - gly - asp - phe - asn -
- ile - ser - arg -
- tyr - pro - ala - asp - gly - gly - phe -
*4504590 *4504580 *4504570 *4504560 *4504550 *4504540 *4504530 *4504520
5' a t t a t g a c g c c a t a t g g g g a a c a a a t a c a c a g a g g a a g a a a a a g a t t a g a t t g g t t t t a a g g g a t g t t t t t a t c a t a a a t g 3'
- fMet - thr - pro - tyr - gly - glu - gln - ile - his - arg - gly - arg - lys - arg - leu - asp - trp - phe -
fMet - phe - leu - ser - fMet -
fMet - gly - asn - lys - tyr - thr - glu - glu - glu - lys - asp -
fMet - val - leu - arg - asp - val - phe - ile - ile - asn - gly -
sd
... ir
p35 1.6 bits
{----------} sd-(16)-ir 4504519 Gap 6.4
|----------| sd-ir 4504519 yjhC_yjhD- to
... sd
p10 6.3 bits
{----------} p35-(24)-p10 4504526 Gap 2.4 bits
|----------| p35-p10 4504526 total 5.5 bits
p35 3.8 bits
{---------- ... p35-(22)-p10 45045
|---------- ... p35-p10 4504508 to
p35 4.8 bits
{---------- ... p35-(22)-p10 45045
|---------- ... p35-p10 4504507 to
{---------- ... p35-(24)-p10 45045
|---------- ... p35-p10 4504505 to
*4504510 *4504500 *4504490 *4504480 *4504470 *4504460 *4504450 *4504440
5' g c a c t g c t a a a a t t a t g a g a t t a t c g a a g a t a a a a t t c t t g a t c a t a c a t a a a a g g c c t c c t g a a t t a a a t c a a g a g g c g t 3'
- ala - leu - leu - lys - leu -
- thr - ala - lys - ile - met - arg - leu - ser - lys - ile - lys - phe - leu - ile - ile - his - lys - arg - pro - pro - glu - leu - asn - gln - glu - ala - tyr -
... ir yjhC_yjhD-
[###> orf 7 codons
ir yjhC_yjhD-
... sd
p10 7.6 bits
{----------} sd-(14)-ir 4504502 Gap 4.9 bits
|----------| sd-ir 4504502 yjhC_yjhD- total 6.1 bits
p10 1.9 bits
p35 2.8 bits
{---------- ... p35-(24)-p10 45044
|---------- ... p35-p10 4504426 to

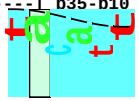


p10 3.3 bits

```
... ----------------} p35-(22)-p10 4504508 Gap 2.3 bits
... ----------------| p35-p10 4504508 total 9.1 bits

... ------------------} p35-(22)-p10 4504507 Gap 2.3 bits
... ------------------| p35-p10 4504507 total 4.4 bits
... ----------------------} p35-(24)-p10 4504505 Gap 2.4 bits
... ----------------------| p35-p10 4504505 total 5.6 bits

   *         *4504430  *         *4504420  *         *4504410
 5' a t a g t t t t t a c a t t a c t g a t g t a t g t t 3'
   -     -     -     -     -     -     -fMet - tyr - val -
     - ●   -     -     -     -     -   ●   -     -fMet -
       - ser - phe - tyr - ile - thr - asp - val - cys -
                 <------------------------------------- ... NC_000913.yjhC
... ------------------} p35-(24)-p10 4504426 Gap 2.4 bits
... ------------------| p35-p10 4504426 total 5.4 bits
```



p10 5.1 bits