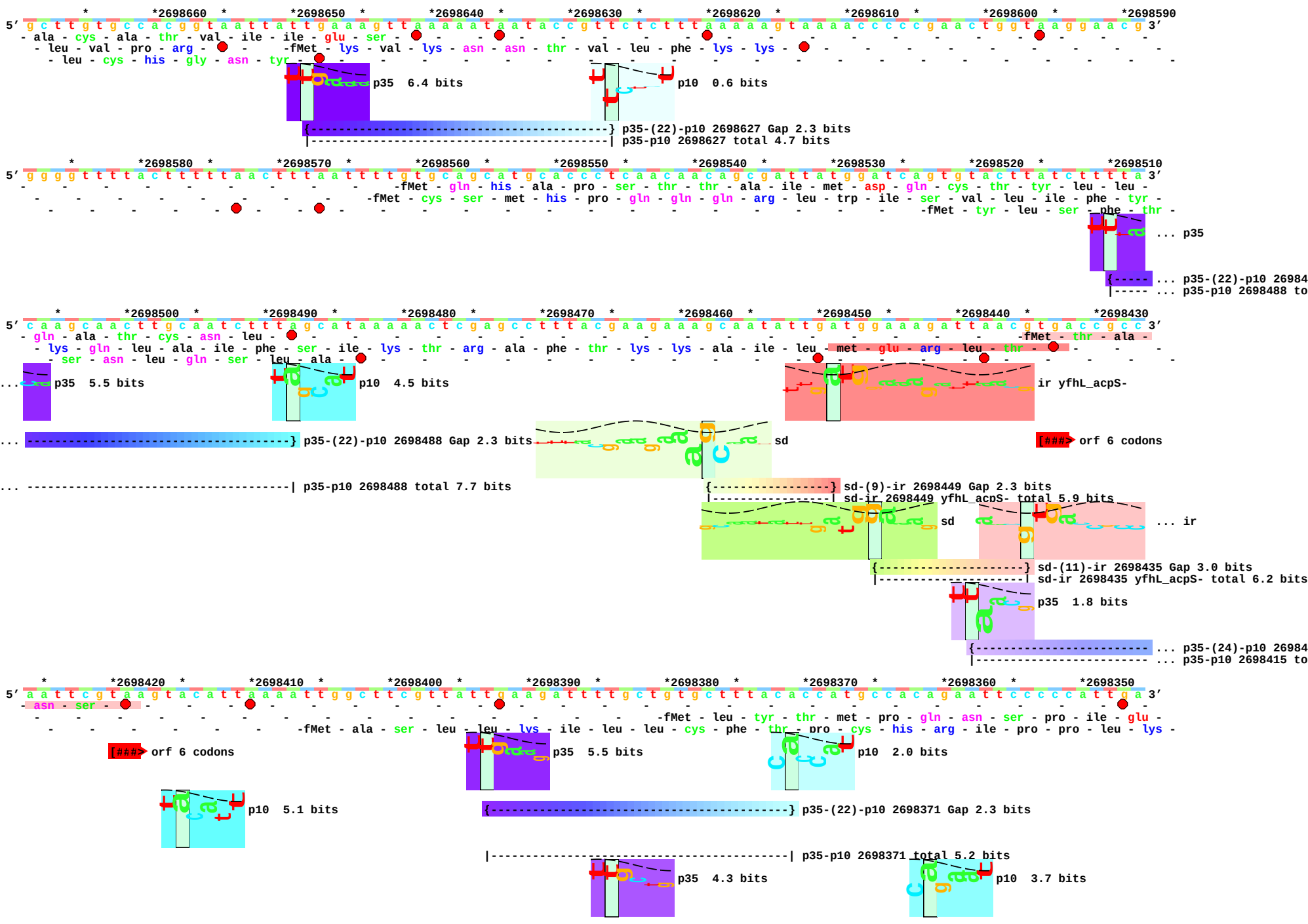
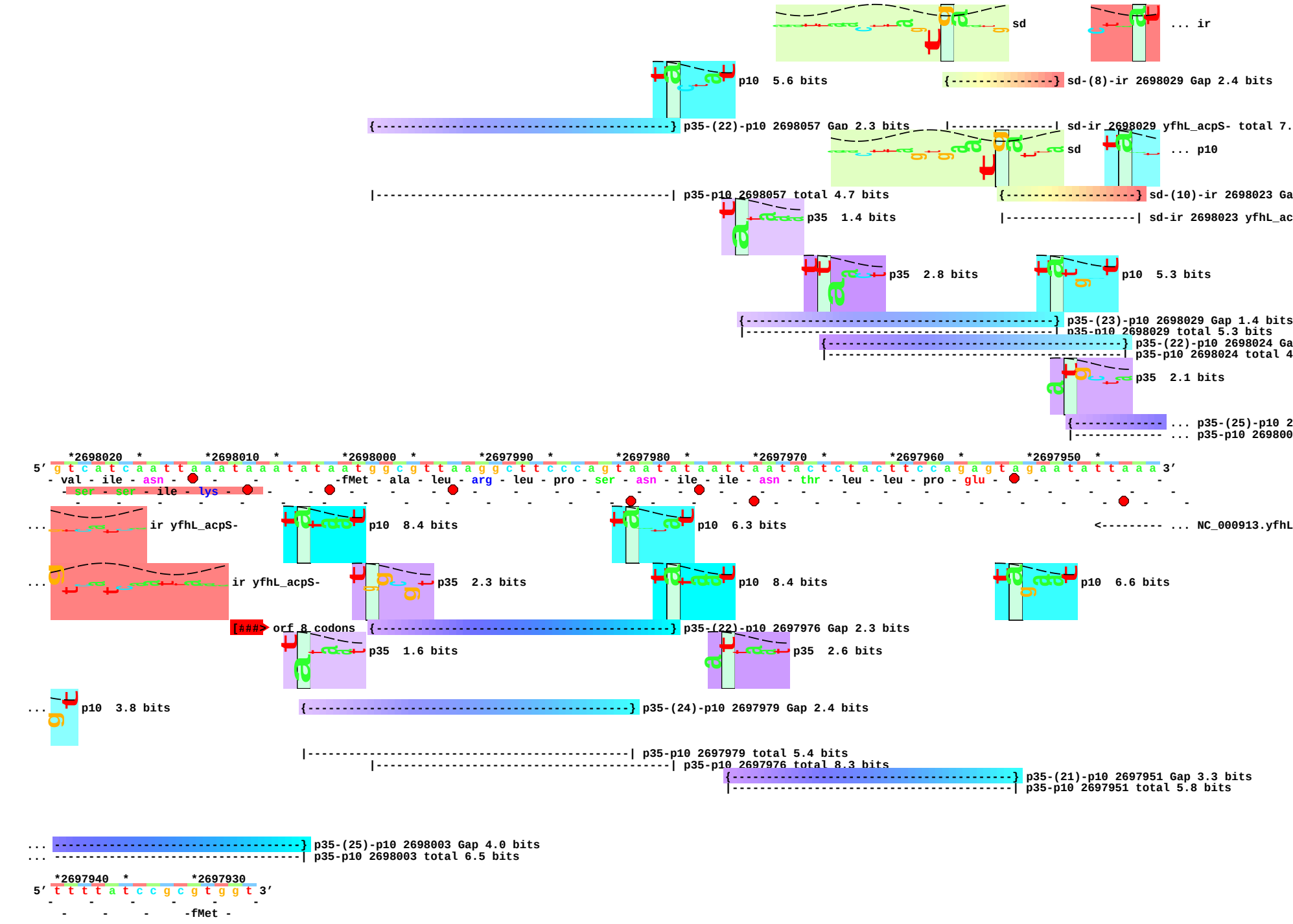
piece 1, NC_000913, yfhL_acpS-, config: linear, direction: -, begin: 2698669, end: 2697926



...ir yfhL_acpS-
{----------} p35-(23)-p10 2698361 Gap 1.4 bits
|----------| p35-p10 2698361 total 6.6 bits
... ----------} p35-(24)-p10 2698415 Gap 2.4 bits
... ----------| p35-p10 2698415 total 4.4 bits
* *2698340 * *2698330 * *2698320 * *2698310 * *2698300 * *2698290 * *2698280 * *2698270 *
5′ a a c g a g t g g t g t c g t c a a a g c t c t g g t g t g g a g t g c a g c a t g c a c c c t c a a t a a c t c g c a c g t t c a g t t t t g g g g a g a t g t 3′
-fMet - glu - cys - ser - met - his - pro - gln -
- thr - ser - gly - val - val - lys - ala - leu - val - trp - ser - ala - ala - cys - thr - leu - asn - asn - ser - his - val - gln - phe - trp - gly - asp - val -
- arg - val - val - ser - ser - lys - leu - trp - cys - gly - val - gln - his - ala - pro - ser - ile - thr - arg - thr - phe - ser - phe - gly - glu - met -
-fMet - gly - arg - cys -
ir yfhL_acpS-
... sd
sd
[###> orf 5 codons
{----------} sd-(9)-ir 2698306 Gap 2.3 bits
|----------| sd-ir 2698306 yfhL_acpS- total 7.2 bits
*2698260 * *2698250 * *2698240 * *2698230 * *2698220 * *2698210 * *2698200 * *2698190 *
5′ a a g g g c t a a t c t g a a t g g c t g c a t t c c t t g t t t a a g g a a a a a c g a a t g a c t g a t t g c c g a t a c c t g a t t a a a c g g g t c a t c 3′
-fMet - phe - lys - glu - lys - arg -
- lys - gly -
- arg - ala - asn - leu - asn - gly - cys - ile - pro - cys - leu - arg - lys - asn - glu -
met - thr - asp - cys - arg - tyr - leu - ile - lys - arg - val - ile -
-fMet - ala - ala - phe - leu - val -
-fMet - pro - ile - pro - asp -
...sd
ir yfhL_acpS-
ir yfhL_acpS-
{----------} sd-(10)-ir 2698250 Gap 2.7 bits
|----------| sd-ir 2698250 yfhL_acpS- total 5.2 bits
[###> orf 7 codons
{----------} sd-(9)-ir 2698219 Gap 2.3 bits
sd
|----------| sd-ir 2698219 yfhL_acpS- total 11.2 bits
*2698180 * *2698170 * *2698160 * *2698150 * *2698140 * *2698130 * *2698120 * *2698110 *
5′ a a a a t c a t c a t t g c t g t t t t a c a g c t g a t c c t t c t g t t c t t a t a a c a c a a g g a a a c g t a c t t a a g g t g c g t c c g g t g a a c c 3′
-fMet - leu - phe - tyr - ser -
- lys - ile - ile - ile - ala - val - leu - gln - leu - ile - leu - leu - phe - leu -
-fMet - arg - pro - val - asn - gln -
p35 5.5 bits
[###> orf 27 codons
ir yfhL_acpS-
sd
{----------} sd-(14)-ir 2698118 Gap 4.9 bits
|----------| sd-ir 2698118 yfhL_acpS- total 5.3 bits
p10 4.1 bits
{----------} p35-(23)-p10 2698142 Gap 1.4 bits
|----------| p35-p10 2698142 total 8.2 bits
*2698100 * *2698090 * *2698080 * *2698070 * *2698060 * *2698050 * *2698040 * *2698030 *
5′ a g t c g g a c g c a c c t t t a a t a a c t a t a a a t a a g t g t c t g g g c a g a t a c t a t a t a a a t t a a c t t a g t g a a t g a t t a t g c t a a t 3′
-fMet - ser - gly - gln - ile - leu - tyr - lys - leu - thr -
-fMet - asn - asp - tyr - ala - asn -
-fMet - ile - met - leu - met -
- ser - asp - ala - pro - leu - ile - thr - ile - asn - lys - cys - leu - gly - arg - tyr - tyr - ile - asn -
p35 1.4 bits
[###> orf 25 codons
... ir


sd
... ir
p10 5.6 bits
sd-(8)-ir 2698029 Gap 2.4 bits
p35-(22)-p10 2698057 Gap 2.3 bits
sd-ir 2698029 yfhL_acpS- total 7.
sd
... p10
p35-p10 2698057 total 4.7 bits
sd-(10)-ir 2698023 Ga
p35 1.4 bits
sd-ir 2698023 yfhL_ac
p35 2.8 bits
p10 5.3 bits
p35-(23)-p10 2698029 Gap 1.4 bits
p35-p10 2698029 total 5.3 bits
p35-(22)-p10 2698024 Ga
p35-p10 2698024 total 4
p35 2.1 bits
... p35-(25)-p10 2
... p35-p10 269800
*2698020 *2698010 *2698000 *2697990 *2697980 *2697970 *2697960 *2697950 *
5' g t c a t c a a t t a a a t a a a t a t a a t g g c g t t a a g g c t t c c c a g t a a t a t a a t t a a t a c t c t a c t t c c a g a g t a g a a t a t t a a a 3'
val - ile - asn - -fMet - ala - leu - arg - leu - pro - ser - asn - ile - ile - asn - thr - leu - leu - pro - glu -
ser - ser - ile - lys -
... ir yfhL_acpS-
p10 8.4 bits
p10 6.3 bits
<--------- ... NC_000913.yfhL
... ir yfhL_acpS-
p35 2.3 bits
p10 8.4 bits
p10 6.6 bits
[###> orf 8 codons
p35-(22)-p10 2697976 Gap 2.3 bits
p35 1.6 bits
p35 2.6 bits
... p10 3.8 bits
p35-(24)-p10 2697979 Gap 2.4 bits
p35-p10 2697979 total 5.4 bits
p35-p10 2697976 total 8.3 bits
p35-(21)-p10 2697951 Gap 3.3 bits
p35-p10 2697951 total 5.8 bits
... p35-(25)-p10 2698003 Gap 4.0 bits
... p35-p10 2698003 total 6.5 bits
*2697940 *2697930
5' t t t t a t c c g c g t g g t 3'
-fMet -

```
     -     -     -     -     -
... ---------------------------- ... NC_000913.yfhL
```