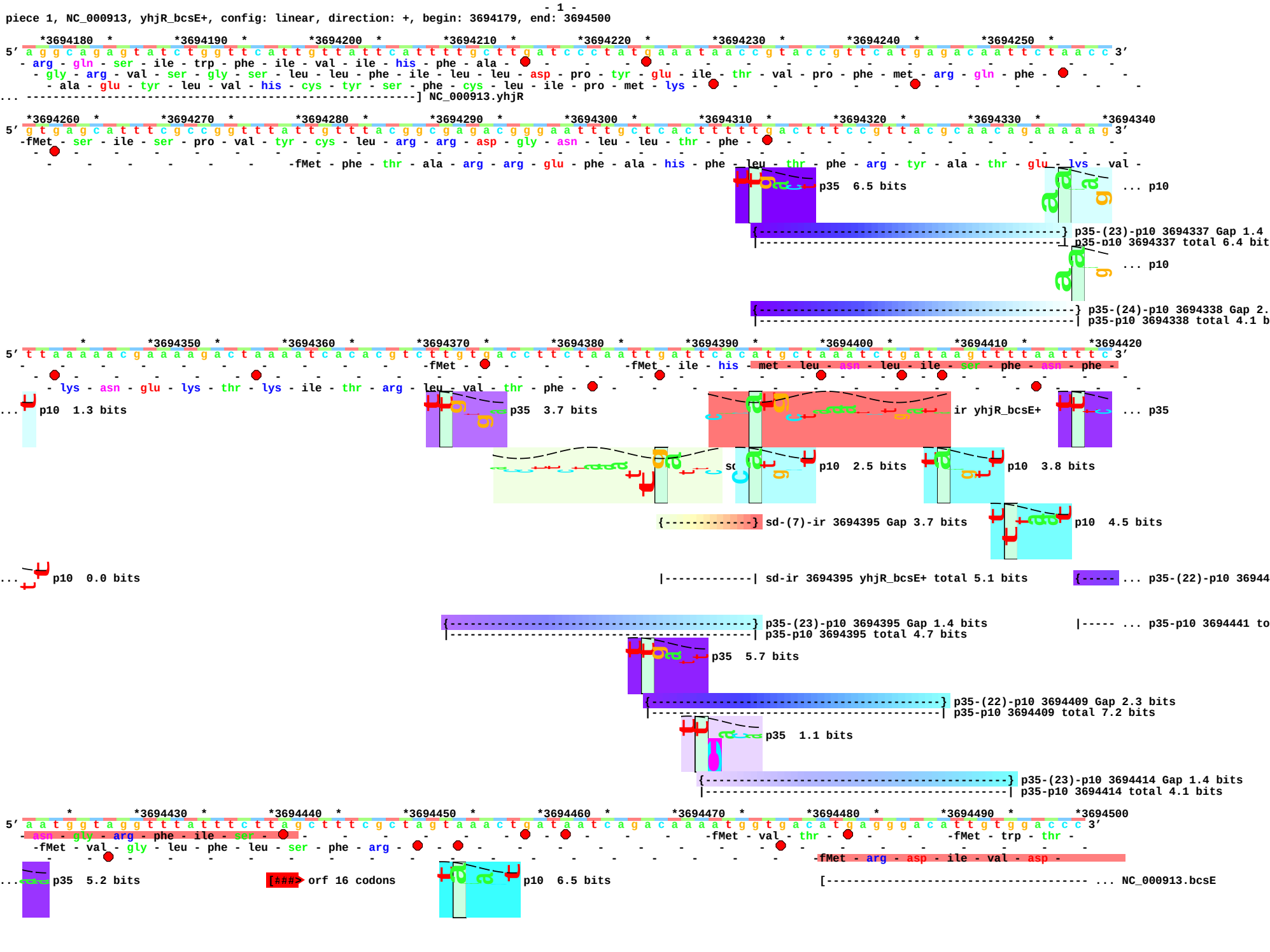
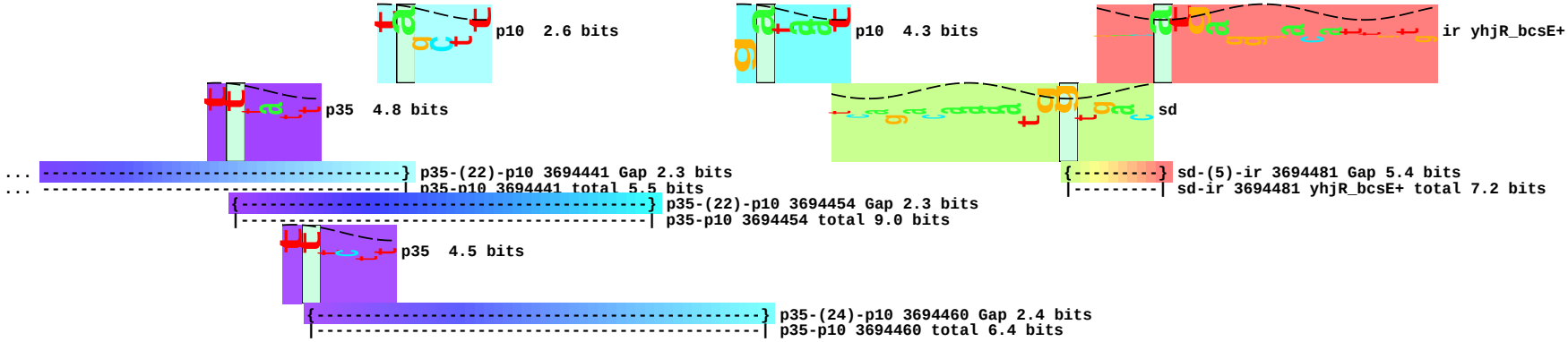

piece 1, NC_000913, yhjR_bcsE+, config: linear, direction: +, begin: 3694179, end: 3694500
*3694180 *3694190 *3694200 *3694210 *3694220 *3694230 *3694240 *3694250
5′ a g g c a g a g t a t c t g g t t c a t t g t t a t t c a t t t g c t t g a t c c c t a t g a a a t a a c c g t a c c g t t c a t g a g a c a a t t c t a a c c 3′
- arg - gln - ser - ile - trp - phe - ile - val - ile - his - phe - ala -
- gly - arg - val - ser - gly - ser - leu - leu - phe - ile - leu - leu - asp - pro - tyr - glu - ile - thr - val - pro - phe - met - arg - gln - phe -
- ala - glu - tyr - leu - val - his - cys - tyr - ser - phe - cys - leu - ile - pro - met - lys -
... ----------] NC_000913.yhjR
*3694260 *3694270 *3694280 *3694290 *3694300 *3694310 *3694320 *3694330 *3694340
5′ g t g a g c a t t t c g c c g g t t t a t t g t t t a c g g c g a g a c g g g a a t t t g c t c a c t t t t g a c t t t c c g t t a c g c a a c a g a a a a a g 3′
-fMet - ser - ile - ser - pro - val - tyr - cys - leu - arg - arg - asp - gly - asn - leu - leu - thr - phe -
-fMet - phe - thr - ala - arg - arg - glu - phe - ala - his - phe - leu - thr - phe - arg - tyr - ala - thr - glu - lys - val -
p35 6.5 bits
... p10
{----------} p35-(23)-p10 3694337 Gap 1.4
|----------| p35-p10 3694337 total 6.4 bit
... p10
{----------} p35-(24)-p10 3694338 Gap 2.
|----------| p35-p10 3694338 total 4.1 b
*3694350 *3694360 *3694370 *3694380 *3694390 *3694400 *3694410 *3694420
5′ t t a a a a a c g a a a a g a c t a a a t c a c a c g t c t t g t g a c c t t c t a a a t t g a t t c a c a t g c t a a a t c t g a t a a g t t t t a a t t t c 3′
-fMet -fMet - ile - his - met - leu - asn - leu - ile - ser - phe - asn - phe -
- lys - asn - glu - lys - thr - lys - ile - thr - arg - leu - val - thr - phe -
... p10 1.3 bits
p35 3.7 bits
ir yhjR_bcsE+
... p35
p10 2.5 bits
p10 3.8 bits
{----------} sd-(7)-ir 3694395 Gap 3.7 bits
p10 4.5 bits
... p10 0.0 bits
|----------| sd-ir 3694395 yhjR_bcsE+ total 5.1 bits
{----- ... p35-(22)-p10 36944
{----------} p35-(23)-p10 3694395 Gap 1.4 bits
|----------| p35-p10 3694395 total 4.7 bits
|----- ... p35-p10 3694441 to
p35 5.7 bits
{----------} p35-(22)-p10 3694409 Gap 2.3 bits
|----------| p35-p10 3694409 total 7.2 bits
p35 1.1 bits
{----------} p35-(23)-p10 3694414 Gap 1.4 bits
|----------| p35-p10 3694414 total 4.1 bits
*3694430 *3694440 *3694450 *3694460 *3694470 *3694480 *3694490 *3694500
5′ a a t g g t a g g t t t a t t t c t t a g c t t t c g c t a g t a a a c t g a t a a t c a g a c a a a a t g g t g a c a t g a g g g a c a t t g t g g a c c c 3′
-asn - gly - arg - phe - ile - ser -
-fMet - val - thr -
-fMet - trp - thr -
-fMet - val - gly - leu - phe - leu - ser - phe - arg -
-fMet - arg - asp - ile - val - asp -
... p35 5.2 bits
[###> orf 16 codons
p10 6.5 bits
[---------- ... NC_000913.bcsE


p10 2.6 bits
p10 4.3 bits
ir yhjR_bcsE+
p35 4.8 bits
sd
... } p35-(22)-p10 3694441 Gap 2.3 bits
... | p35-p10 3694441 total 5.5 bits
{ } sd-(5)-ir 3694481 Gap 5.4 bits
| | sd-ir 3694481 yhjR_bcsE+ total 7.2 bits
{ } p35-(22)-p10 3694454 Gap 2.3 bits
| | p35-p10 3694454 total 9.0 bits
p35 4.5 bits
{ } p35-(24)-p10 3694460 Gap 2.4 bits
| | p35-p10 3694460 total 6.4 bits