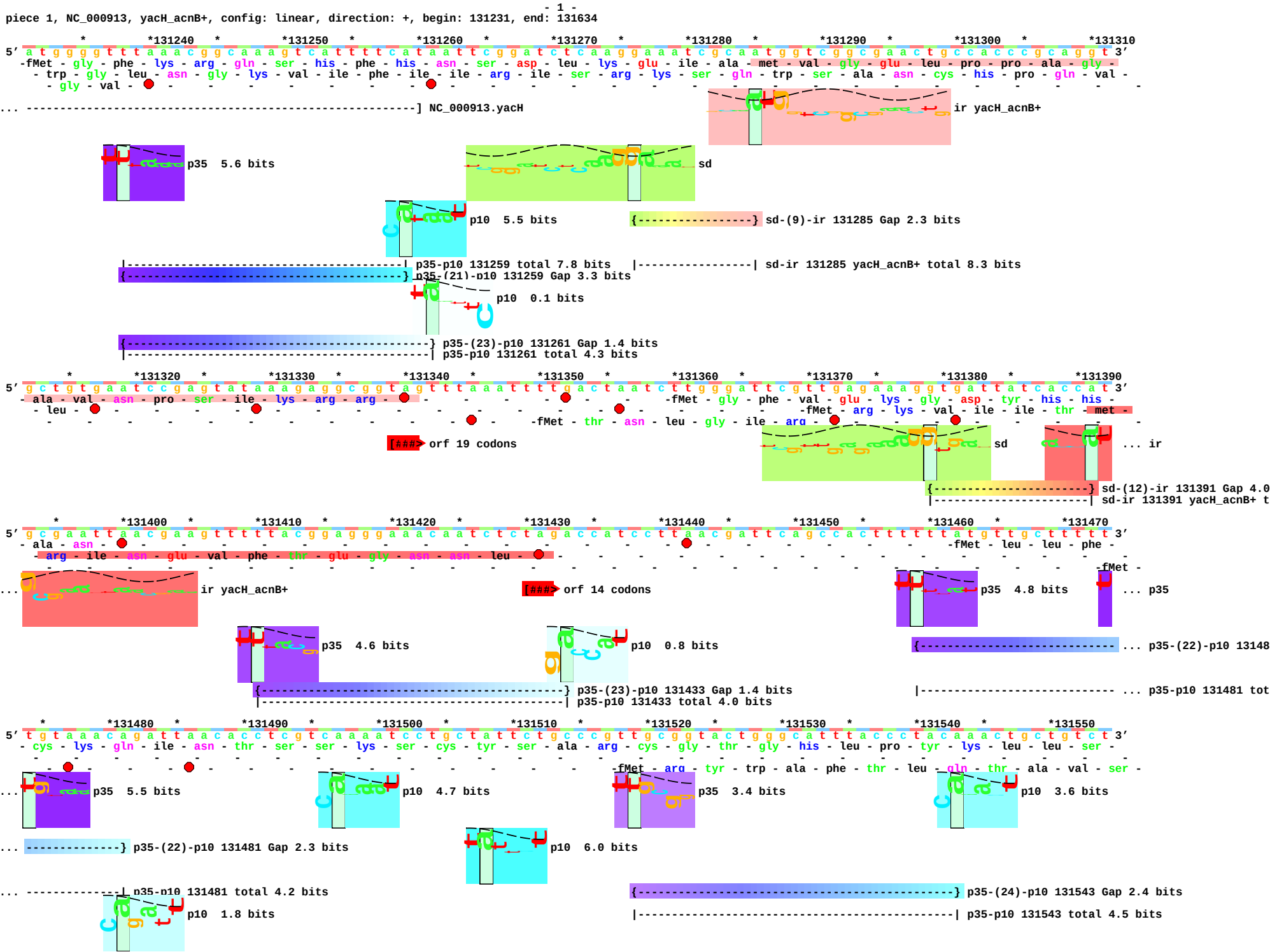
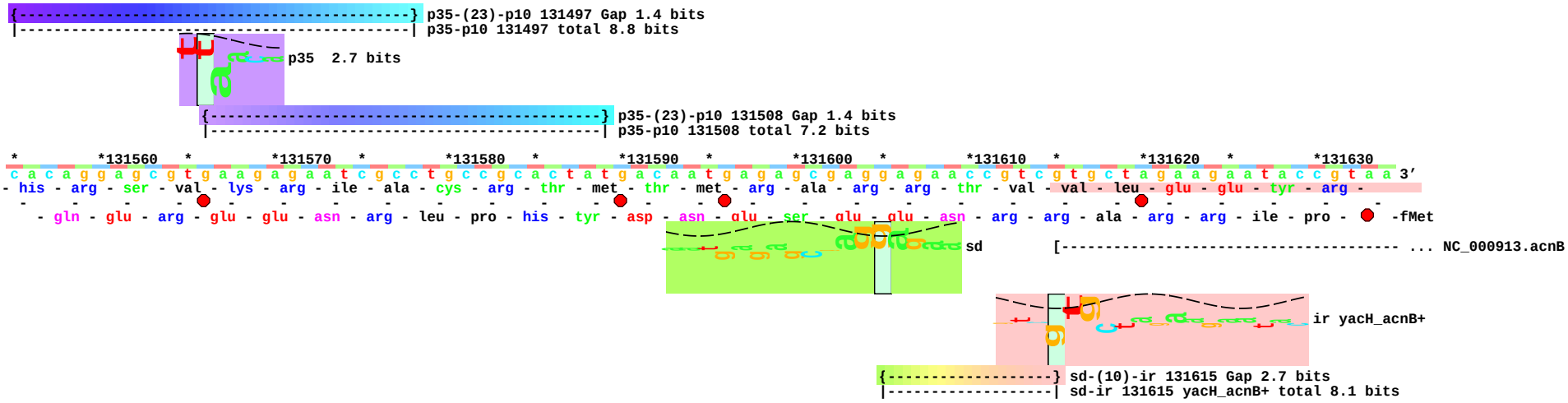

piece 1, NC_000913, yacH_acnB+, config: linear, direction: +, begin: 131231, end: 131634
*131240 *131250 *131260 *131270 *131280 *131290 *131300 *131310
5′ a t g g g g t t t a a a c g g c a a a g t c a t t t t c a t a a t t c g g a t c t c a a g g a a a t c g c a a t g g t c g g c g a a c t g c c a c c c g c a g g t 3′
-fMet - gly - phe - lys - arg - gln - ser - his - phe - his - asn - ser - asp - leu - lys - glu - ile - ala - met - val - gly - glu - leu - pro - pro - ala - gly -
- trp - gly - leu - asn - gly - lys - val - ile - phe - ile - ile - arg - ile - ser - arg - lys - ser - gln - trp - ser - ala - asn - cys - his - pro - gln - val -
- gly - val -
... ----------] NC_000913.yacH
ir yacH_acnB+
p35 5.6 bits
sd
p10 5.5 bits
{----------} sd-(9)-ir 131285 Gap 2.3 bits
|----------| p35-p10 131259 total 7.8 bits |----------| sd-ir 131285 yacH_acnB+ total 8.3 bits
{----------} p35-(21)-p10 131259 Gap 3.3 bits
p10 0.1 bits
{----------} p35-(23)-p10 131261 Gap 1.4 bits
|----------| p35-p10 131261 total 4.3 bits
*131320 *131330 *131340 *131350 *131360 *131370 *131380 *131390
5′ g c t g t g a a t c c g a g t a t a a a g a g g c g g t a g t t t a a a t t t t g a c t a a t c t t g g g a t t c g t t g a g a a a g g t g a t t a t c a c c a t 3′
- ala - val - asn - pro - ser - ile - lys - arg - arg -
- leu -
-fMet - gly - phe - val - glu - lys - gly - asp - tyr - his - his -
-fMet - arg - lys - val - ile - ile - thr - met -
-fMet - thr - asn - leu - gly - ile - arg -
[###> orf 19 codons
sd
... ir
{----------} sd-(12)-ir 131391 Gap 4.0
|----------| sd-ir 131391 yacH_acnB+ t
*131400 *131410 *131420 *131430 *131440 *131450 *131460 *131470
5′ g c g a a t t a a c g a a g t t t t t a c g g a g g g a a a c a a t c t c t a g a c c a t c c t t a a c g a t t c a g c c a c t t t t t t a t g t t g c t t t t t 3′
- ala - asn -
- arg - ile - asn - glu - val - phe - thr - glu - gly - asn - asn - leu -
-fMet - leu - leu - phe -
-fMet -
... ir yacH_acnB+
[###> orf 14 codons
p35 4.8 bits
... p35
p35 4.6 bits
p10 0.8 bits
{---------- ... p35-(22)-p10 13148
{----------} p35-(23)-p10 131433 Gap 1.4 bits
|----------| p35-p10 131433 total 4.0 bits
|---------- ... p35-p10 131481 tot
*131480 *131490 *131500 *131510 *131520 *131530 *131540 *131550
5′ t g t a a a c a g a t t a a c a c c t c g t c a a a a t c c t g c t a t t c t g c c c g t t g c g g t a c t g g g c a t t t a c c c t a c a a a c t g c t g t c t 3′
- cys - lys - gln - ile - asn - thr - ser - ser - lys - ser - cys - tyr - ser - ala - arg - cys - gly - thr - gly - his - leu - pro - tyr - lys - leu - leu - ser -
-fMet - arg - tyr - trp - ala - phe - thr - leu - gln - thr - ala - val - ser -
... p35 5.5 bits
p10 4.7 bits
p35 3.4 bits
p10 3.6 bits
... ----------} p35-(22)-p10 131481 Gap 2.3 bits
p10 6.0 bits
... ----------| p35-p10 131481 total 4.2 bits
{----------} p35-(24)-p10 131543 Gap 2.4 bits
p10 1.8 bits
|----------| p35-p10 131543 total 4.5 bits


p35-(23)-p10 131497 Gap 1.4 bits
p35-p10 131497 total 8.8 bits
p35 2.7 bits
p35-(23)-p10 131508 Gap 1.4 bits
p35-p10 131508 total 7.2 bits
*131560
*131570
*131580
*131590
*131600
*131610
*131620
*131630
5′ c a c a g g a g c g t g a a g a g a a t c g c c t g c c g c a c t a t g a c a a t g a g a g c g a g g a g a a c c g t c g t g c t a g a a g a a t a c c g t a a 3′
- his - arg - ser - val - lys - arg - ile - ala - cys - arg - thr - met - thr - met - arg - ala - arg - arg - thr - val - val - leu - glu - glu - tyr - arg -
- gln - glu - arg - glu - glu - asn - arg - leu - pro - his - tyr - asp - asn - glu - ser - glu - glu - asn - arg - arg - ala - arg - arg - ile - pro - -fMet
sd
[------------------------------------ ... NC_000913.acnB
ir yacH_acnB+
sd-(10)-ir 131615 Gap 2.7 bits
sd-ir 131615 yacH_acnB+ total 8.1 bits