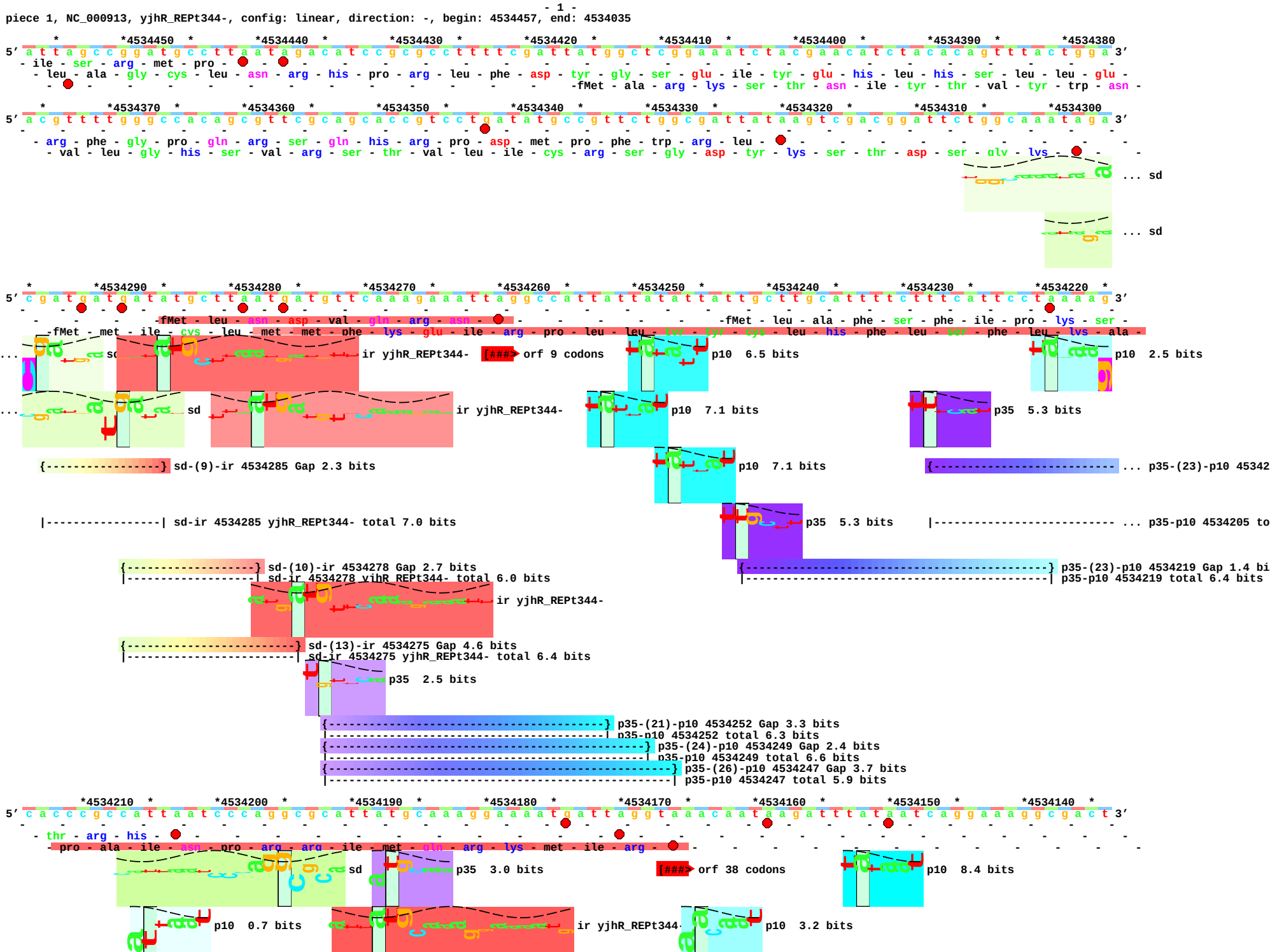
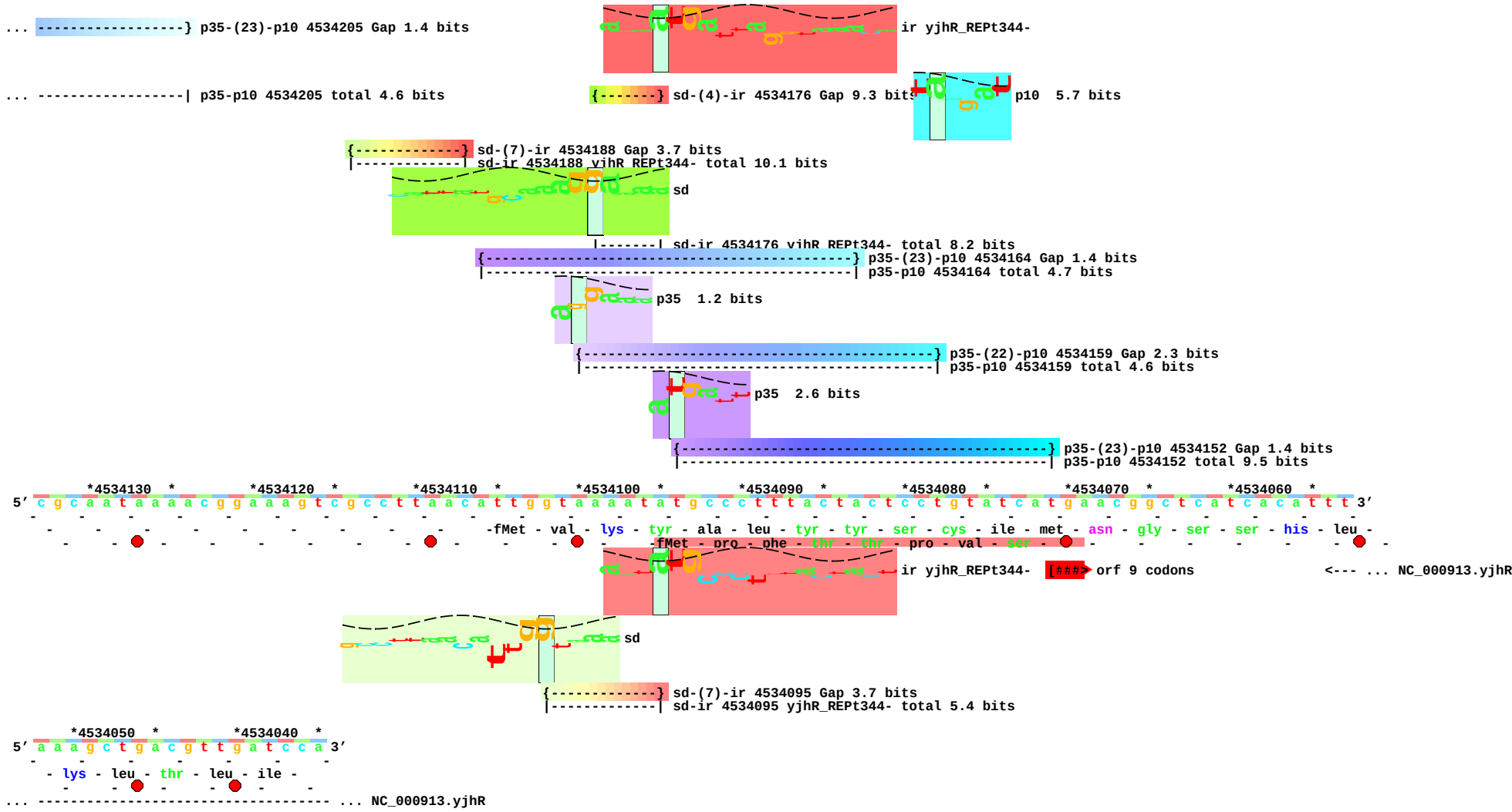

piece 1, NC_000913, yjhR_REPt344-, config: linear, direction: -, begin: 4534457, end: 4534035
*4534450 *4534440 *4534430 *4534420 *4534410 *4534400 *4534390 *4534380
5' a t t a g c c g g a t g c c t t a a t a g a c a t c c g c g c c t t t t c g a t t a t g g c t c g g a a a t c t a c g a a c a t c t a c a c a g t t t a c t g g a 3'
- ile - ser - arg - met - pro -
- leu - ala - gly - cys - leu - asn - arg - his - pro - arg - leu - phe - asp - tyr - gly - ser - glu - ile - tyr - glu - his - leu - his - ser - leu - leu - glu -
-fMet - ala - arg - lys - ser - thr - asn - ile - tyr - thr - val - tyr - trp - asn -
*4534370 *4534360 *4534350 *4534340 *4534330 *4534320 *4534310 *4534300
5' a c g t t t t g g g c c a c a g c g t t c g c a g c a c c g t c c t g a t a t g c c g t t c t g g c g a t t a t a a g t c g a c g g a t t c t g g c a a a t a g a 3'
- arg - phe - gly - pro - gln - arg - ser - gln - his - arg - pro - asp - met - pro - phe - trp - arg - leu -
- val - leu - gly - his - ser - val - arg - ser - thr - val - leu - ile - cys - arg - ser - gly - asp - tyr - lys - ser - thr - asp - ser - glv - lvs -
... sd
... sd
*4534290 *4534280 *4534270 *4534260 *4534250 *4534240 *4534230 *4534220
5' c g a t g a t g a t a t g c t t a a t g a t g t t c a a a g a a a t t a g g c c a t t a t t a t a t t a t t g c t t g c a t t t t c t t t c a t t c c t a a a a g 3'
-fMet - leu - asn - asp - val - gln - arg - asn -
-fMet - leu - ala - phe - ser - phe - ile - pro - lys - ser -
-fMet - met - ile - cys - leu - met - met - phe - lys - glu - ile - arg - pro - leu - leu - tyr - tyr - cys - leu - his - phe - leu - ser - phe - leu - lys - ala -
... sd ir yjhR_REPt344- [###> orf 9 codons p10 6.5 bits p10 2.5 bits
... sd ir yjhR_REPt344- p10 7.1 bits p35 5.3 bits
{----------} sd-(9)-ir 4534285 Gap 2.3 bits
p10 7.1 bits
{---------- ... p35-(23)-p10 45342
|----------| sd-ir 4534285 yjhR_REPt344- total 7.0 bits
p35 5.3 bits
|---------- ... p35-p10 4534205 to
{----------} sd-(10)-ir 4534278 Gap 2.7 bits
|----------| sd-ir 4534278 yjhR_REPt344- total 6.0 bits
ir yjhR_REPt344-
{----------} p35-(23)-p10 4534219 Gap 1.4 bi
|----------| p35-p10 4534219 total 6.4 bits
{----------} sd-(13)-ir 4534275 Gap 4.6 bits
|----------| sd-ir 4534275 yjhR_REPt344- total 6.4 bits
p35 2.5 bits
{----------} p35-(21)-p10 4534252 Gap 3.3 bits
|----------| p35-p10 4534252 total 6.3 bits
{----------} p35-(24)-p10 4534249 Gap 2.4 bits
|----------| p35-p10 4534249 total 6.6 bits
{----------} p35-(26)-p10 4534247 Gap 3.7 bits
|----------| p35-p10 4534247 total 5.9 bits
*4534210 *4534200 *4534190 *4534180 *4534170 *4534160 *4534150 *4534140
5' c a c c c g c c a t t a a t c c c a g g c g c a t t a t g c a a a g g a a a a t g a t t a g g t a a a c a a t a a g a t t t a t a a t c a g g a a a g g c g a c t 3'
- thr - arg - his -
- pro - ala - ile - asn - pro - arg - arg - ile - met - gln - arg - lys - met - ile - arg -
sd p35 3.0 bits [###> orf 38 codons p10 8.4 bits
p10 0.7 bits ir yjhR_REPt344- p10 3.2 bits


... } p35-(23)-p10 4534205 Gap 1.4 bits
ir yjhR_REPt344-
... | p35-p10 4534205 total 4.6 bits
} sd-(4)-ir 4534176 Gap 9.3 bits
p10 5.7 bits
} sd-(7)-ir 4534188 Gap 3.7 bits
| sd-ir 4534188 yjhR_REPt344- total 10.1 bits
sd
| sd-ir 4534176 yjhR_REPt344- total 8.2 bits
} p35-(23)-p10 4534164 Gap 1.4 bits
| p35-p10 4534164 total 4.7 bits
p35 1.2 bits
} p35-(22)-p10 4534159 Gap 2.3 bits
| p35-p10 4534159 total 4.6 bits
p35 2.6 bits
} p35-(23)-p10 4534152 Gap 1.4 bits
| p35-p10 4534152 total 9.5 bits
*4534130 *4534120 *4534110 *4534100 *4534090 *4534080 *4534070 *4534060 *
5' c g c a a t a a a a c g g a a a g t c g c c t t a a c a t t g g t a a a a t a t g c c c t t t a c t a c t c c t g t a t c a t g a a c g g c t c a t c a c a t t t 3'
-fMet - val - lys - tyr - ala - leu - tyr - tyr - ser - cys - ile - met - asn - gly - ser - ser - his - leu -
-fMet - pro - phe - thr - thr - pro - val - ser -
ir yjhR_REPt344- [###> orf 9 codons <--- ... NC_000913.yjhR
sd
} sd-(7)-ir 4534095 Gap 3.7 bits
| sd-ir 4534095 yjhR_REPt344- total 5.4 bits
*4534050 *4534040 *
5' a a a g c t g a c g t t g a t c c a 3'
- lys - leu - thr - leu - ile -
... ... NC_000913.yjhR