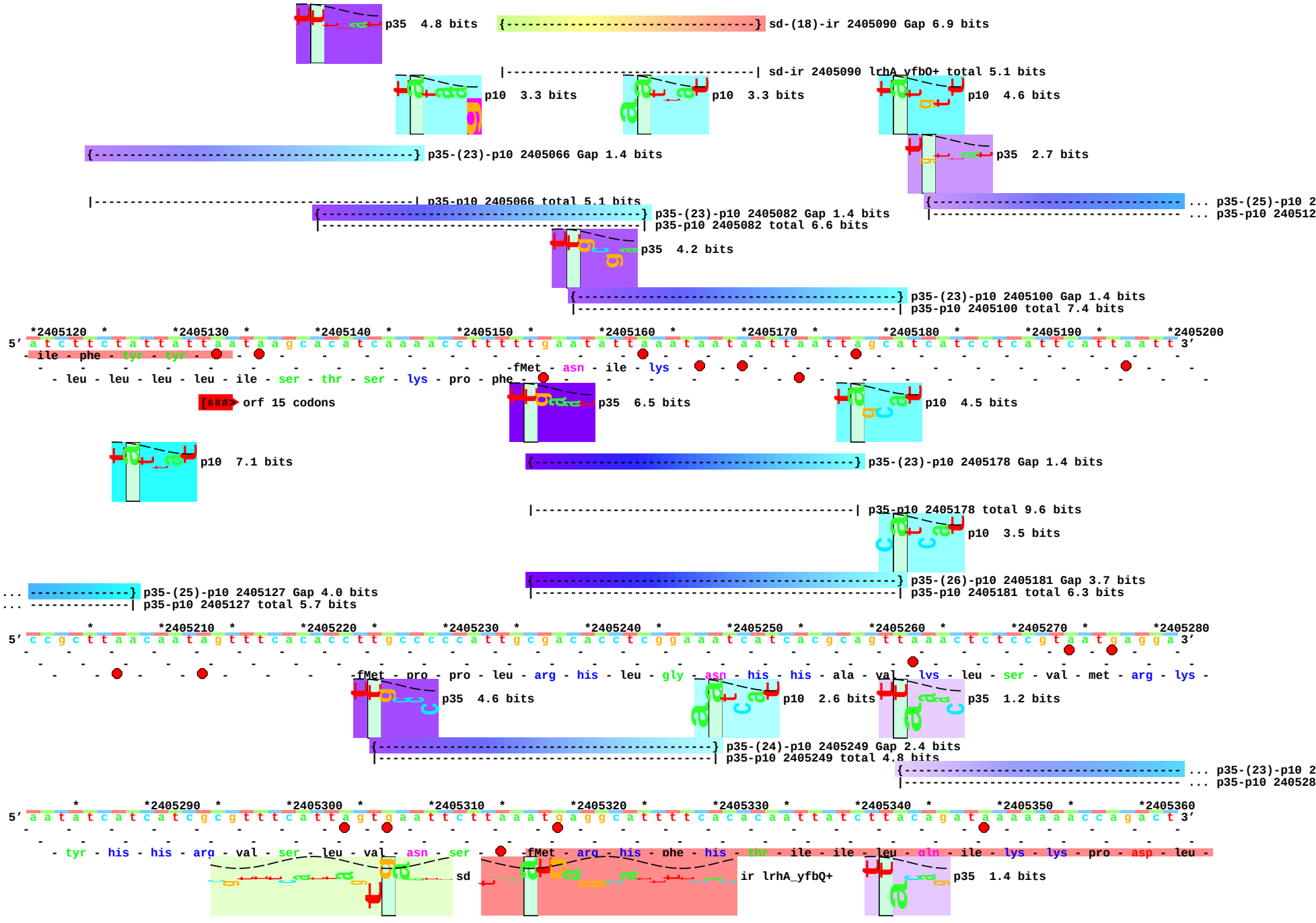
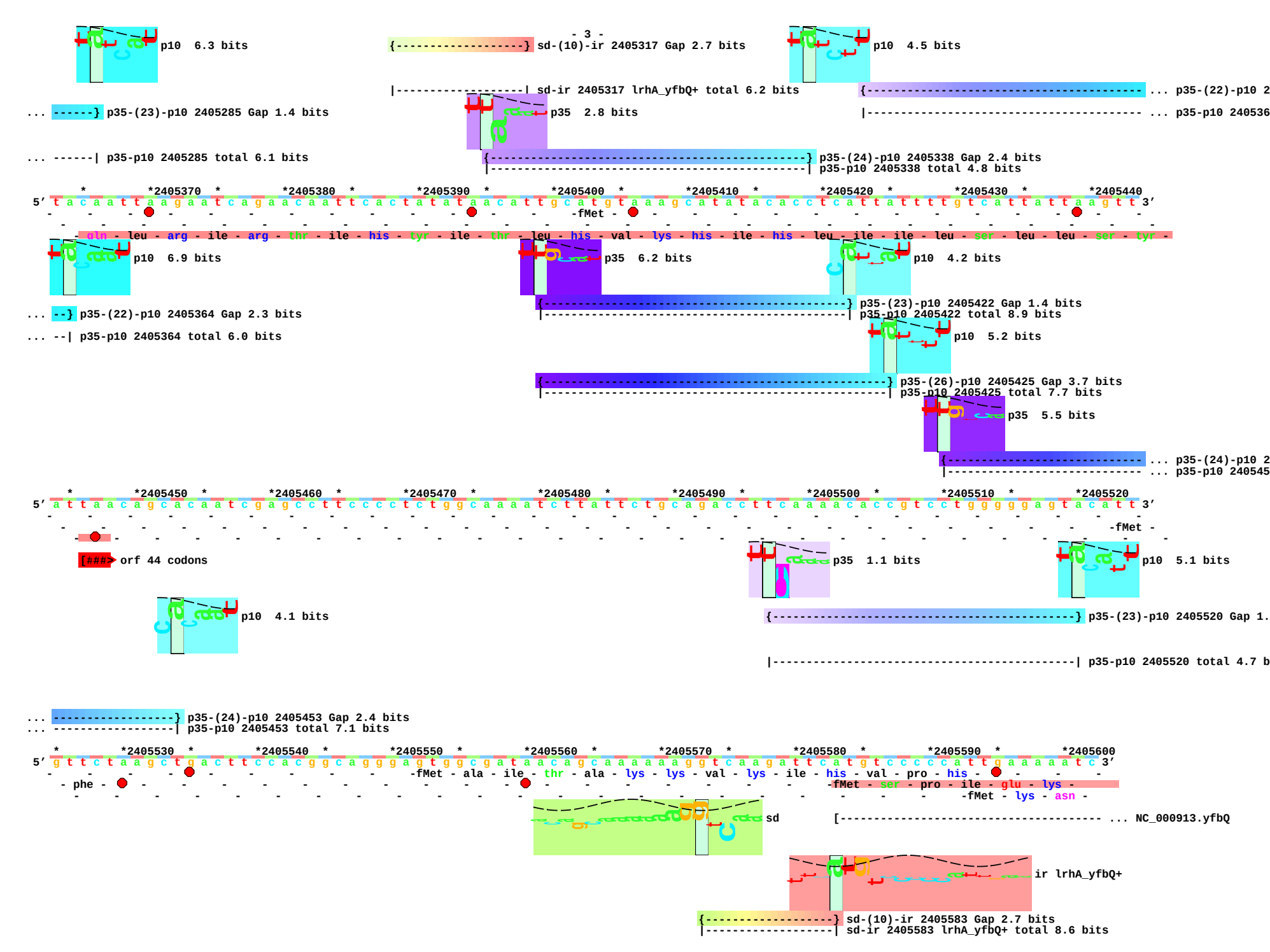
piece 1, NC_000913, lrhA_yfbQ+, config: linear, direction: +, begin: 2404634, end: 2405602


p35 4.8 bits
sd-(18)-ir 2405090 Gap 6.9 bits
sd-ir 2405090 lrhA yfbO+ total 5.1 bits
p10 3.3 bits
p10 3.3 bits
p10 4.6 bits
p35-(23)-p10 2405066 Gap 1.4 bits
p35 2.7 bits
p35-p10 2405066 total 5.1 bits
... p35-(25)-p10 2
p35-(23)-p10 2405082 Gap 1.4 bits
... p35-p10 240512
p35-p10 2405082 total 6.6 bits
p35 4.2 bits
p35-(23)-p10 2405100 Gap 1.4 bits
p35-p10 2405100 total 7.4 bits
*2405120 *2405130 *2405140 *2405150 *2405160 *2405170 *2405180 *2405190 *2405200
5' a t c t t c t a t t a t t a a t a a g c a c a t c a a a a c c t t t t t g a a t a t t a a a t a a t a a t t a a t t a g c a t c a t c c t c a t t c a t t a a t t 3'
- ile - phe - tyr - tyr -
- leu - leu - leu - leu - ile - ser - thr - ser - lys - pro - phe -
-fMet - asn - ile - lys -
[###> orf 15 codons
p35 6.5 bits
p10 4.5 bits
p10 7.1 bits
p35-(23)-p10 2405178 Gap 1.4 bits
p35-p10 2405178 total 9.6 bits
p10 3.5 bits
... p35-(25)-p10 2405127 Gap 4.0 bits
... p35-p10 2405127 total 5.7 bits
p35-(26)-p10 2405181 Gap 3.7 bits
p35-p10 2405181 total 6.3 bits
*2405210 *2405220 *2405230 *2405240 *2405250 *2405260 *2405270 *2405280
5' c c g c t t a a c a a t a g t t t c a c a c c t t g c c c c c a t t g c g a c a c c t c g g a a a t c a t c a c g c a g t t a a a c t c t c c g t a a t g a g g a 3'
-fMet - pro - pro - leu - arg - his - leu - gly - asn - his - his - ala - val - lys - leu - ser - val - met - arg - lys -
p35 4.6 bits
p10 2.6 bits
p35 1.2 bits
p35-(24)-p10 2405249 Gap 2.4 bits
p35-p10 2405249 total 4.8 bits
... p35-(23)-p10 2
... p35-p10 240528
*2405290 *2405300 *2405310 *2405320 *2405330 *2405340 *2405350 *2405360
5' a a t a t c a t c a t c g c g t t t c a t t a g t g a a t t c t t a a a t g a g g c a t t t t c a c a c a a t t a t c t t a c a g a t a a a a a a a c c a g a c t 3'
- tyr - his - his - arg - val - ser - leu - val - asn - ser -
-fMet - arg - his - phe - his - thr - ile - ile - leu - gln - ile - lys - lys - pro - asp - leu -
sd
ir lrhA_yfbQ+
p35 1.4 bits


p10 6.3 bits
- 3 -
sd-(10)-ir 2405317 Gap 2.7 bits
p10 4.5 bits
sd-ir 2405317 lrhA_yfbQ+ total 6.2 bits
... p35-(22)-p10 2
p35-(23)-p10 2405285 Gap 1.4 bits
p35 2.8 bits
... p35-p10 240536
p35-p10 2405285 total 6.1 bits
p35-(24)-p10 2405338 Gap 2.4 bits
p35-p10 2405338 total 4.8 bits
*2405370
*2405380
*2405390
*2405400
*2405410
*2405420
*2405430
*2405440
5′ t a c a a t t a a g a a t c a g a a c a a t t c a c t a t a a c a t t g c a t g t a a a g c a t a t a c a c c t c a t t a t t t t g t c a t t a t t a a g t t 3′
-fMet -
- gln - leu - arg - ile - arg - thr - ile - his - tyr - ile - thr - leu - his - val - lys - his - ile - his - leu - ile - ile - leu - ser - leu - leu - ser - tyr -
p10 6.9 bits
p35 6.2 bits
p10 4.2 bits
p35-(23)-p10 2405422 Gap 1.4 bits
p35-p10 2405422 total 8.9 bits
... p35-(22)-p10 2405364 Gap 2.3 bits
... p35-p10 2405364 total 6.0 bits
p10 5.2 bits
p35-(26)-p10 2405425 Gap 3.7 bits
p35-p10 2405425 total 7.7 bits
p35 5.5 bits
... p35-(24)-p10 2
... p35-p10 240545
*2405450
*2405460
*2405470
*2405480
*2405490
*2405500
*2405510
*2405520
5′ a t t a a c a g c a c a a t c g a g c c t t c c c c t c t g g c a a a a t c t t a t t c t g c a g a c c t t c a a a a c a c c g t c c t g g g g g a g t a c a t t 3′
-fMet -
[###> orf 44 codons
p35 1.1 bits
p10 5.1 bits
p10 4.1 bits
p35-(23)-p10 2405520 Gap 1.
p35-p10 2405520 total 4.7 b
... p35-(24)-p10 2405453 Gap 2.4 bits
... p35-p10 2405453 total 7.1 bits
*2405530
*2405540
*2405550
*2405560
*2405570
*2405580
*2405590
*2405600
5′ g t t c t a a g c t g a c t t c c a c g g c a g g g a g t g g c g a t a a c a g c a a a a a a g g t c a a g a t t c a t g t c c c c c a t t g a a a a a t c 3′
-fMet - ala - ile - thr - ala - lys - lys - val - lys - ile - his - val - pro - his -
- phe -
-fMet - ser - pro - ile - glu - lys -
-fMet - lys - asn -
sd
[---------- ... NC_000913.yfbQ
ir lrhA_yfbQ+
sd-(10)-ir 2405583 Gap 2.7 bits
sd-ir 2405583 lrhA_yfbQ+ total 8.6 bits