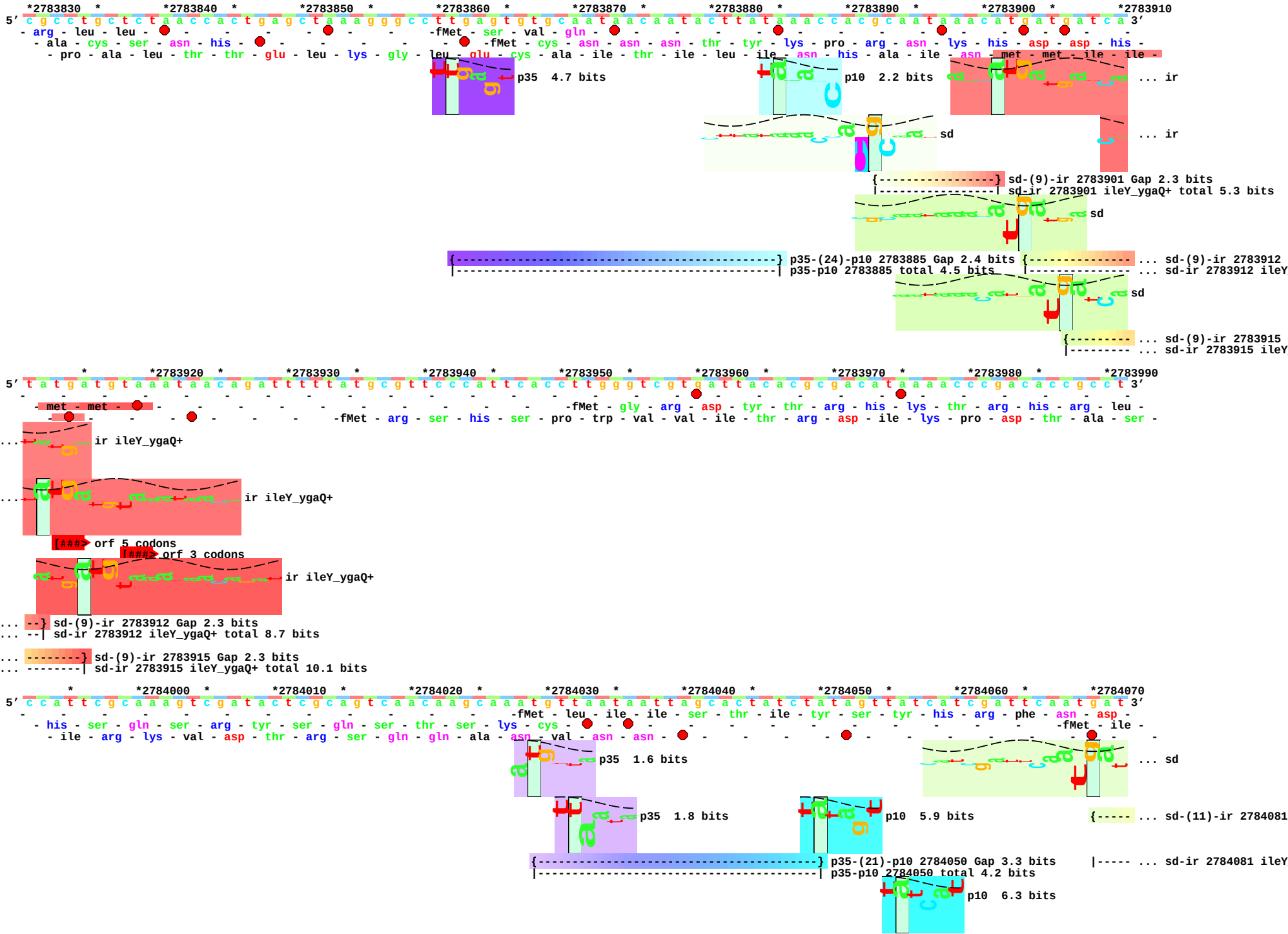
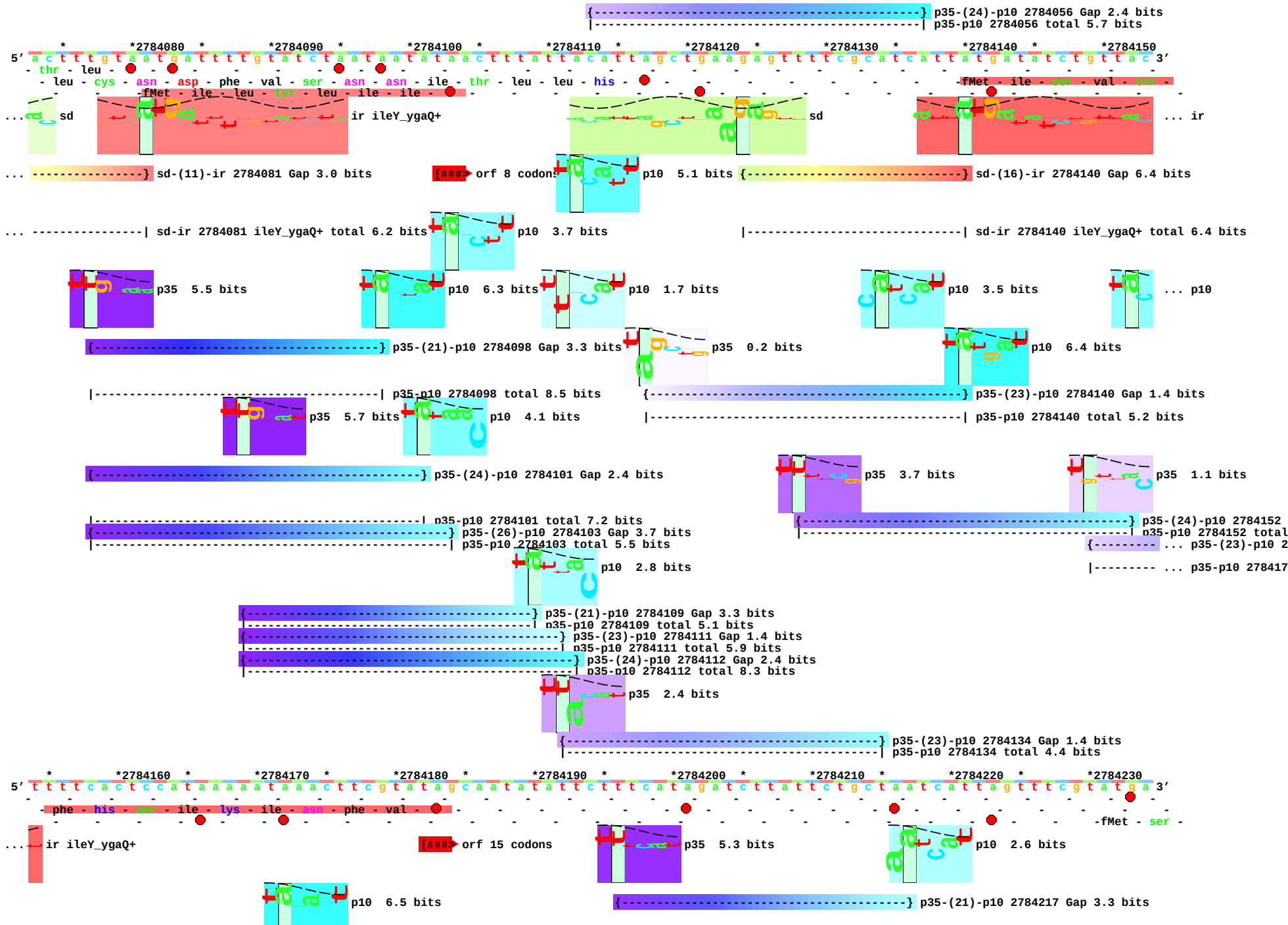
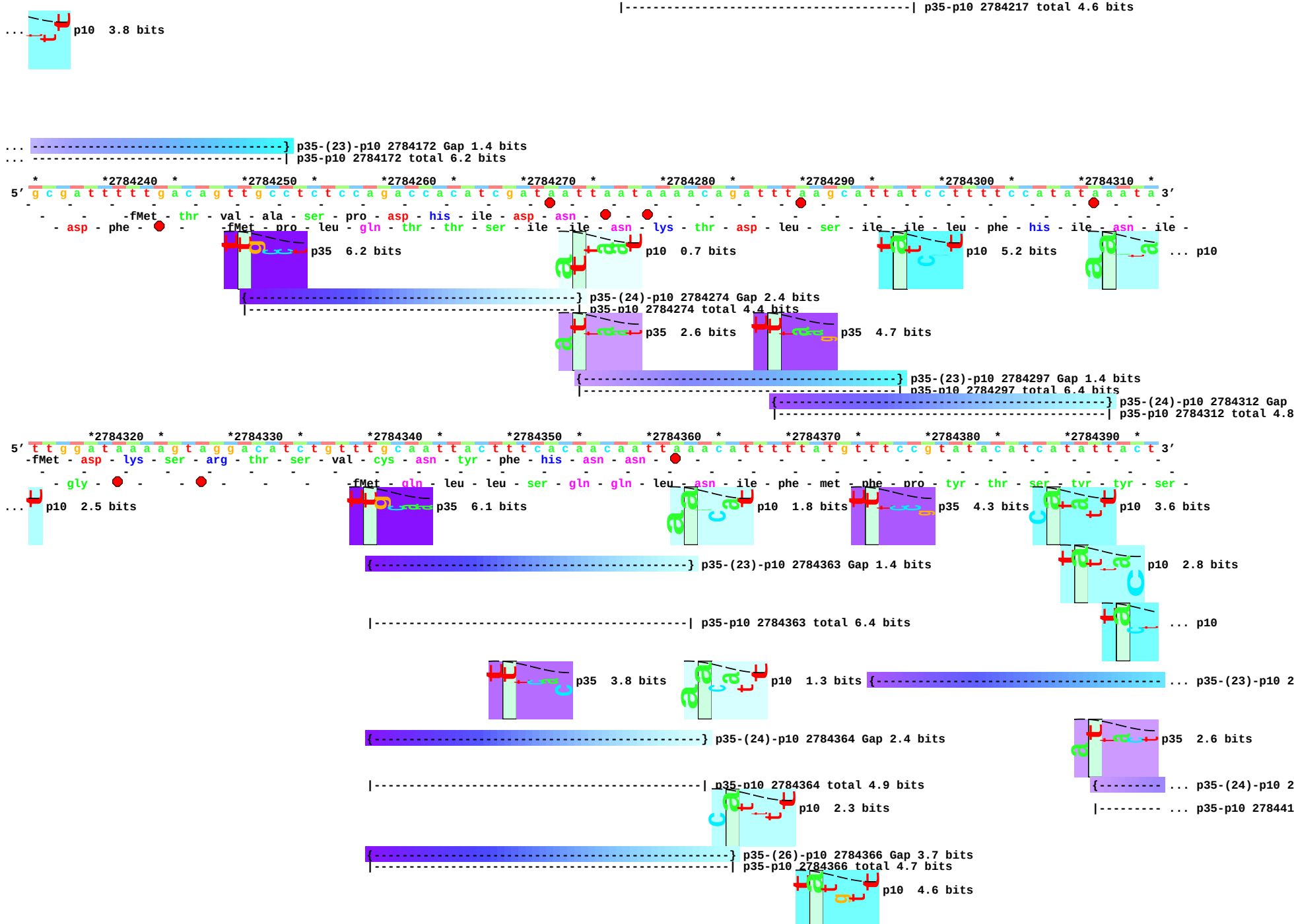
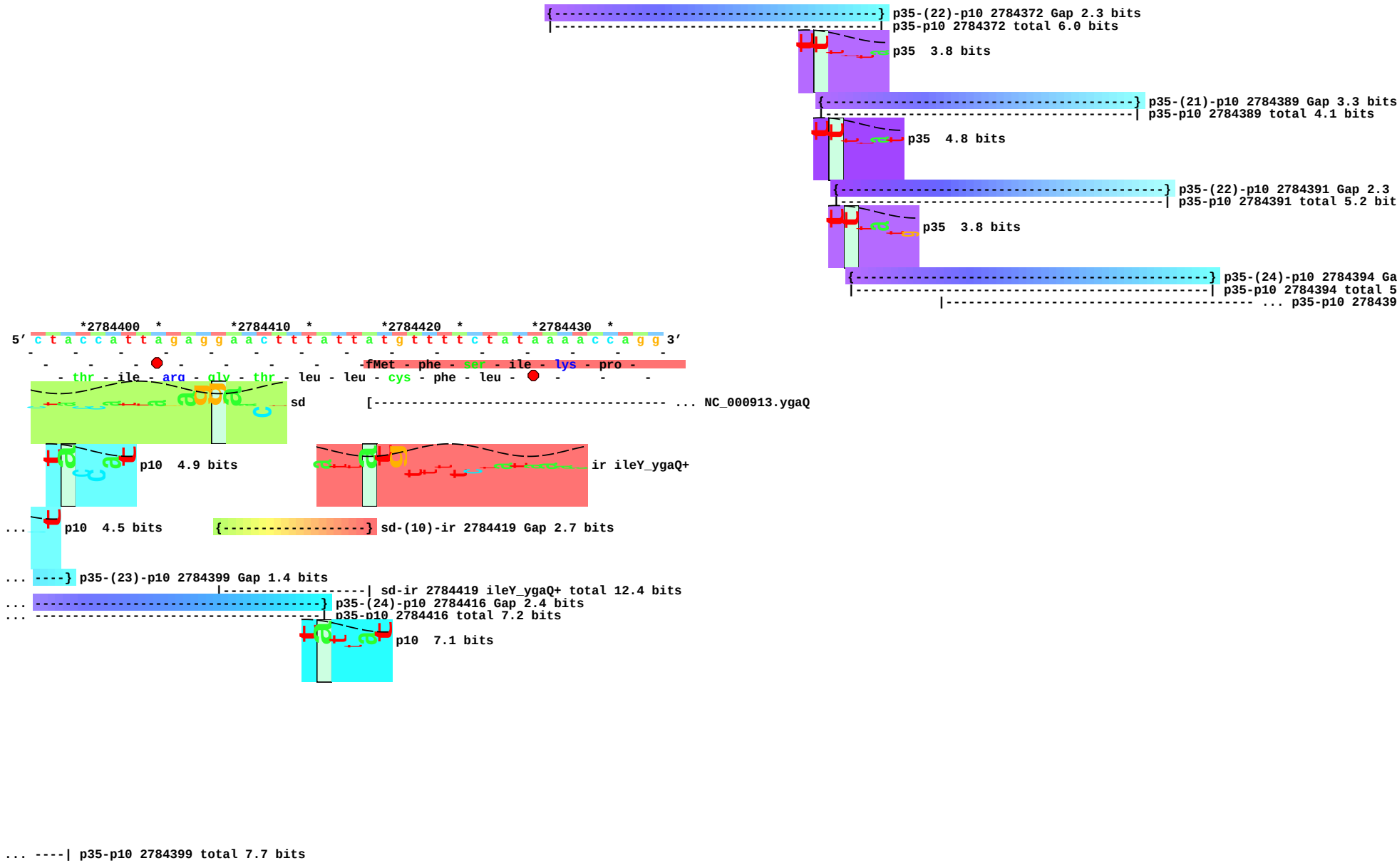
piece 1, NC_000913, ileY_ygaQ+, config: linear, direction: +, begin: 2783830, end: 2784438




p35-(24)-p10 2784056 Gap 2.4 bits
p35-p10 2784056 total 5.7 bits
5′ a c t t t g t a a t g a t t t t g t a t c t a a t a a t a t a a c t t t a t t a c a t t a g c t g a a g a g t t t t c g c a t c a t t a t g a t a t c t g t t a c 3′
- thr - leu -
- leu - cys - asn - asp - phe - val - ser - asn - asn - ile - thr - leu - leu - his -
-fMet - ile - leu - tvr - leu - ile - ile -
-fMet - ile - ser - val - thr -
sd
ir ileY_ygaQ+
sd
... ir
sd-(11)-ir 2784081 Gap 3.0 bits
[###> orf 8 codons
p10 5.1 bits
sd-(16)-ir 2784140 Gap 6.4 bits
sd-ir 2784081 ileY_ygaQ+ total 6.2 bits
p10 3.7 bits
sd-ir 2784140 ileY_ygaQ+ total 6.4 bits
p35 5.5 bits
p10 6.3 bits
p10 1.7 bits
p10 3.5 bits
... p10
p35-(21)-p10 2784098 Gap 3.3 bits
p35 0.2 bits
p10 6.4 bits
p35-p10 2784098 total 8.5 bits
p35-(23)-p10 2784140 Gap 1.4 bits
p35 5.7 bits
p10 4.1 bits
p35-p10 2784140 total 5.2 bits
p35-(24)-p10 2784101 Gap 2.4 bits
p35 3.7 bits
p35 1.1 bits
p35-p10 2784101 total 7.2 bits
p35-(24)-p10 2784152
p35-(26)-p10 2784103 Gap 3.7 bits
p35-p10 2784103 total 5.5 bits
... p35-(23)-p10 2
... p35-p10 278417
p10 2.8 bits
p35-(21)-p10 2784109 Gap 3.3 bits
p35-p10 2784109 total 5.1 bits
p35-(23)-p10 2784111 Gap 1.4 bits
p35-p10 2784111 total 5.9 bits
p35-(24)-p10 2784112 Gap 2.4 bits
p35-p10 2784112 total 8.3 bits
p35 2.4 bits
p35-(23)-p10 2784134 Gap 1.4 bits
p35-p10 2784134 total 4.4 bits
5′ t t t t c a c t c c a t a a a a a t a a a c t t c g t a t a g c a a t a t a t t c t t t c a t a g a t c t t a t t c t g c t a a t c a t t a g t t t c g t a t g a 3′
- phe - his - ser - ile - lys - ile - asn - phe - val -
-fMet - ser -
ir ileY_ygaQ+
[###> orf 15 codons
p35 5.3 bits
p10 2.6 bits
p10 6.5 bits
p35-(21)-p10 2784217 Gap 3.3 bits


|---------- p35-p10 2784217 total 4.6 bits
... p10 3.8 bits
... } p35-(23)-p10 2784172 Gap 1.4 bits
... |---------- p35-p10 2784172 total 6.2 bits
* *2784240 * *2784250 * *2784260 * *2784270 * *2784280 * *2784290 * *2784300 * *2784310 *
5' g c g a t t t t t g a c a g t t g c c t c t c c a g a c c a c a t c g a t a a t t a a t a a a a c a g a t t t a a g c a t t a t c c t t t t c c a t a t a a a t a 3'
- fMet - thr - val - ala - ser - pro - asp - his - ile - asp - asn -
- asp - phe - - fMet - pro - leu - gln - thr - thr - ser - ile - ile - asn - lys - thr - asp - leu - ser - ile - ile - leu - phe - his - ile - asn - ile -
p35 6.2 bits
p10 0.7 bits
p10 5.2 bits
... p10
} p35-(24)-p10 2784274 Gap 2.4 bits
|---------- p35-p10 2784274 total 4.4 bits
p35 2.6 bits
p35 4.7 bits
} p35-(23)-p10 2784297 Gap 1.4 bits
|---------- p35-p10 2784297 total 6.4 bits
} p35-(24)-p10 2784312 Gap
|---------- p35-p10 2784312 total 4.8
*2784320 * *2784330 * *2784340 * *2784350 * *2784360 * *2784370 * *2784380 * *2784390 *
5' t t g g a t a a a a g t a g g a c a t c t g t t t g c a a t t a c t t t c a c a a c a a t t a a a c a t t t t t a t g t t t c c g t a t a c a t c a t a t t a c t 3'
-fMet - asp - lys - ser - arg - thr - ser - val - cys - asn - tyr - phe - his - asn - asn -
- gly - - - fMet - gln - leu - leu - ser - gln - gln - leu - asn - ile - phe - met - phe - pro - tyr - thr - ser - tyr - tyr - ser -
... p10 2.5 bits
p35 6.1 bits
p10 1.8 bits
p35 4.3 bits
p10 3.6 bits
} p35-(23)-p10 2784363 Gap 1.4 bits
p10 2.8 bits
|---------- p35-p10 2784363 total 6.4 bits
... p10
p35 3.8 bits
p10 1.3 bits
... p35-(23)-p10 2
} p35-(24)-p10 2784364 Gap 2.4 bits
p35 2.6 bits
|---------- p35-p10 2784364 total 4.9 bits
... p35-(24)-p10 2
p10 2.3 bits
|--------- ... p35-p10 278441
} p35-(26)-p10 2784366 Gap 3.7 bits
|---------- p35-p10 2784366 total 4.7 bits
p10 4.6 bits



... ----| p35-p10 2784399 total 7.7 bits