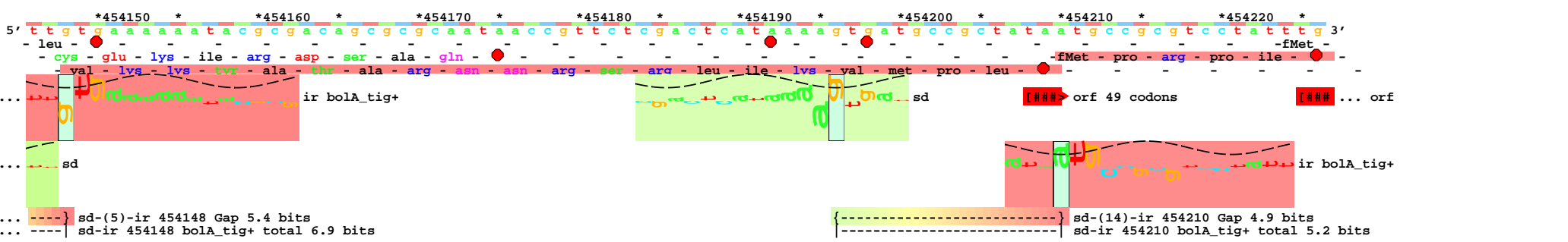
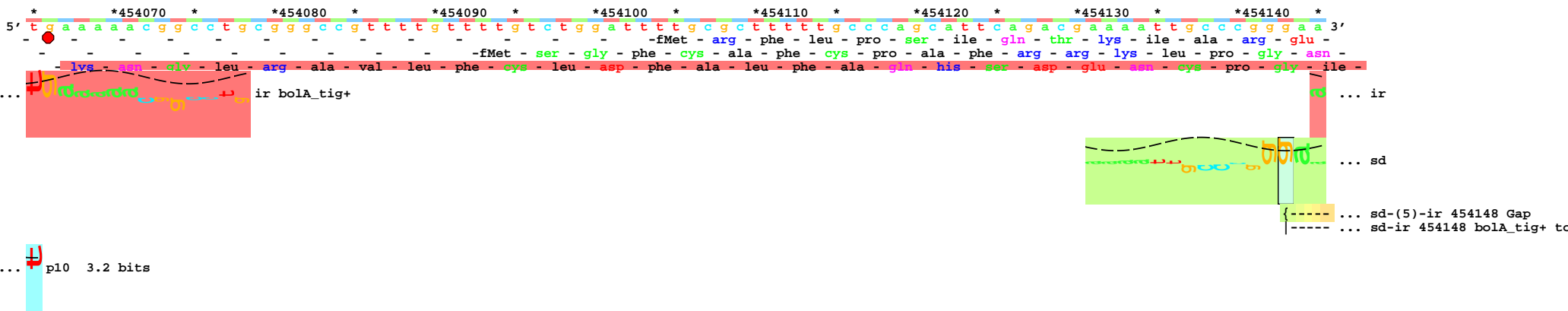
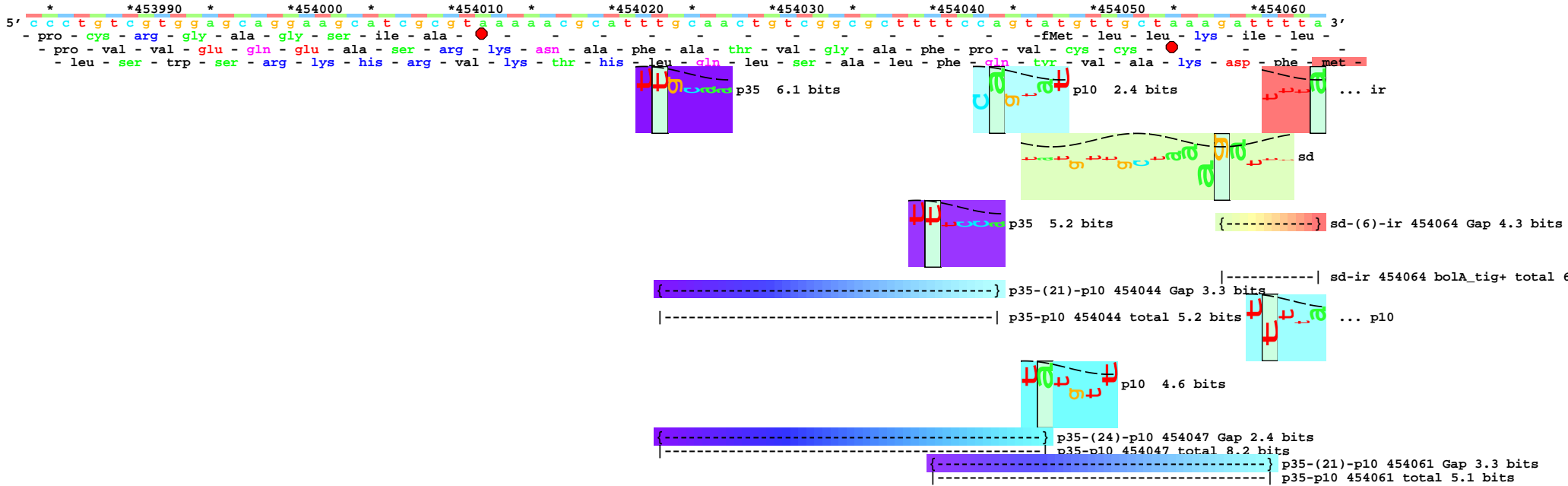


piece 1, NC_000913, bolA_tig+, config: linear, direction: +, begin: 453984, end: 454376



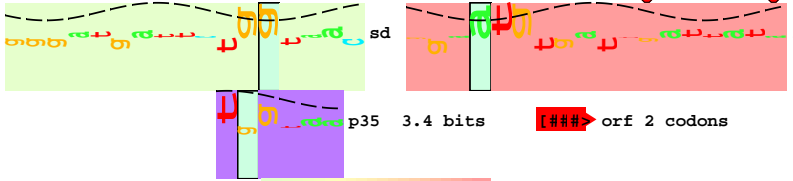
*454230 * *454240 * *454250 * *454260 * *454270 * *454280 * *454290 * *454300 *

5' a a t g c t t t c g g g a t g a t t c t g g t a a c a g g g a a t g t g a t t g a t t a t a a g a a c a t c c c g g t t c c g c g a a g c c a a c a a c c t g t g 3'

- asn - ala - phe - gly - met - ile - leu - val - thr - gly - asn - val - ile - asp - tyr - lys - asn - ile - pro - val - pro - arg - ser - gln - gln - pro - val -

-fMet - leu - ser - gly - -fMet - -fMet - ile - ile - arg - thr - ser - arg - phe - arg - glu - ala - asn - asn - leu - cys -

... orf 6 codons sd ir bolA_tig+



sd-(10)-ir 454258 Gap 2.7 bits
sd-ir 454258 bolA_tig+ total 5.2 bits

p10 3.3 bits

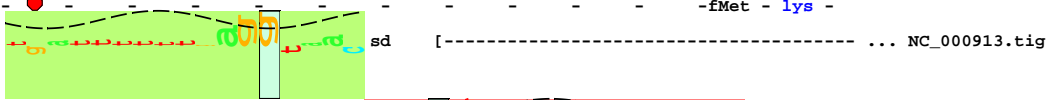
p35-(23)-p10 454270 Gap 1.4 bits
p35-p10 454270 total 5.3 bits

*454310 * *454320 * *454330 * *454340 * *454350 * *454360 * *454370 *

5' c t t g c g g g g t a a g a g t t g a c c g a g c a c t g t g a t t t t t g a g g t a a c a a g a t g c a a g t t c a g t t g a a a c 3'

- leu - ala - gly - -fMet - thr - glu - his - cys - asp - phe - leu - arg - -fMet - gln - val - ser - val - glu -

- leu - arg - gly - lys - ser - -fMet - ile - phe - -fMet - lys -



sd-(8)-ir 454357 Gap 2.4 bits
sd-ir 454357 bolA_tig+ total 11.4 bits