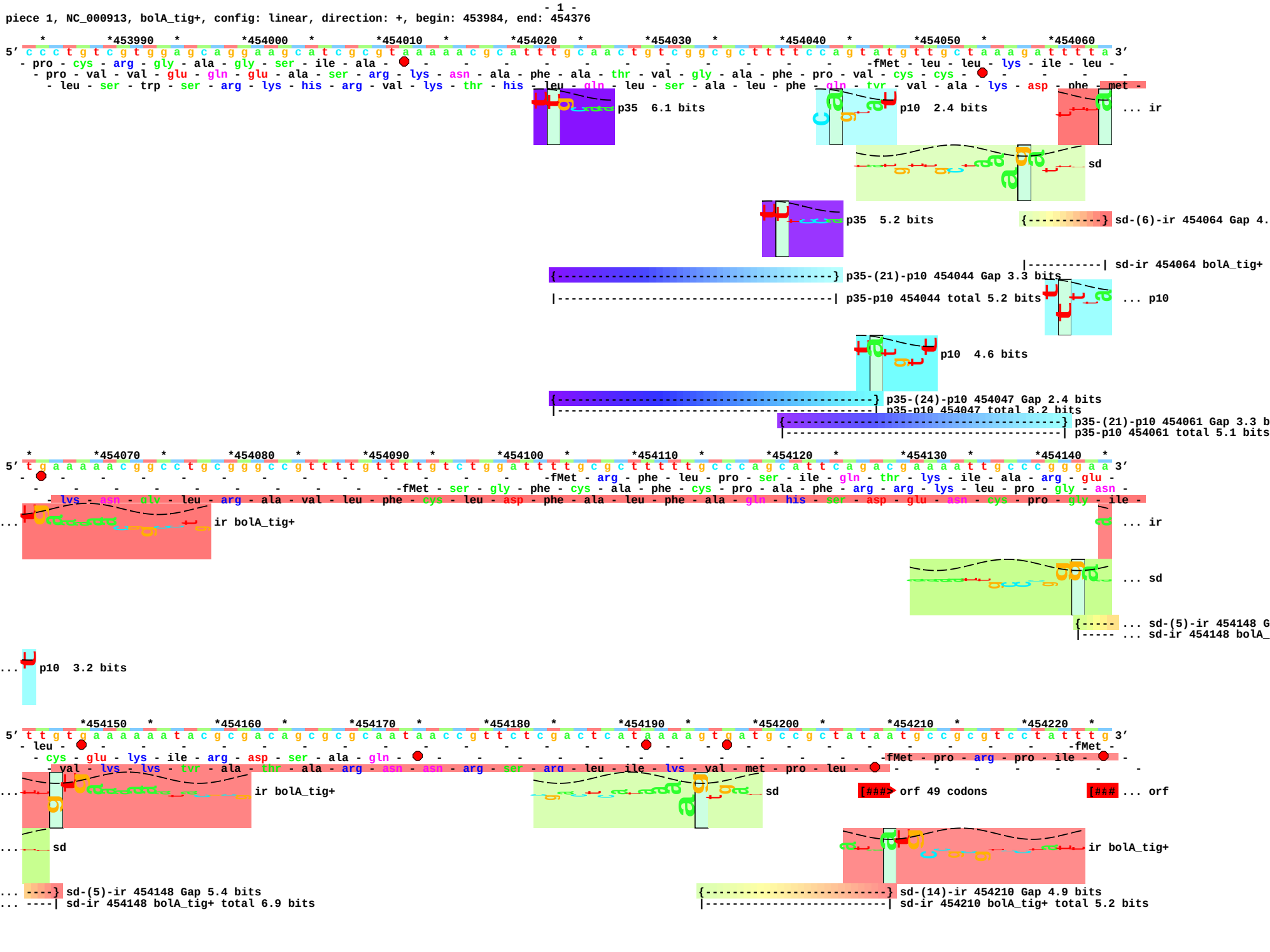
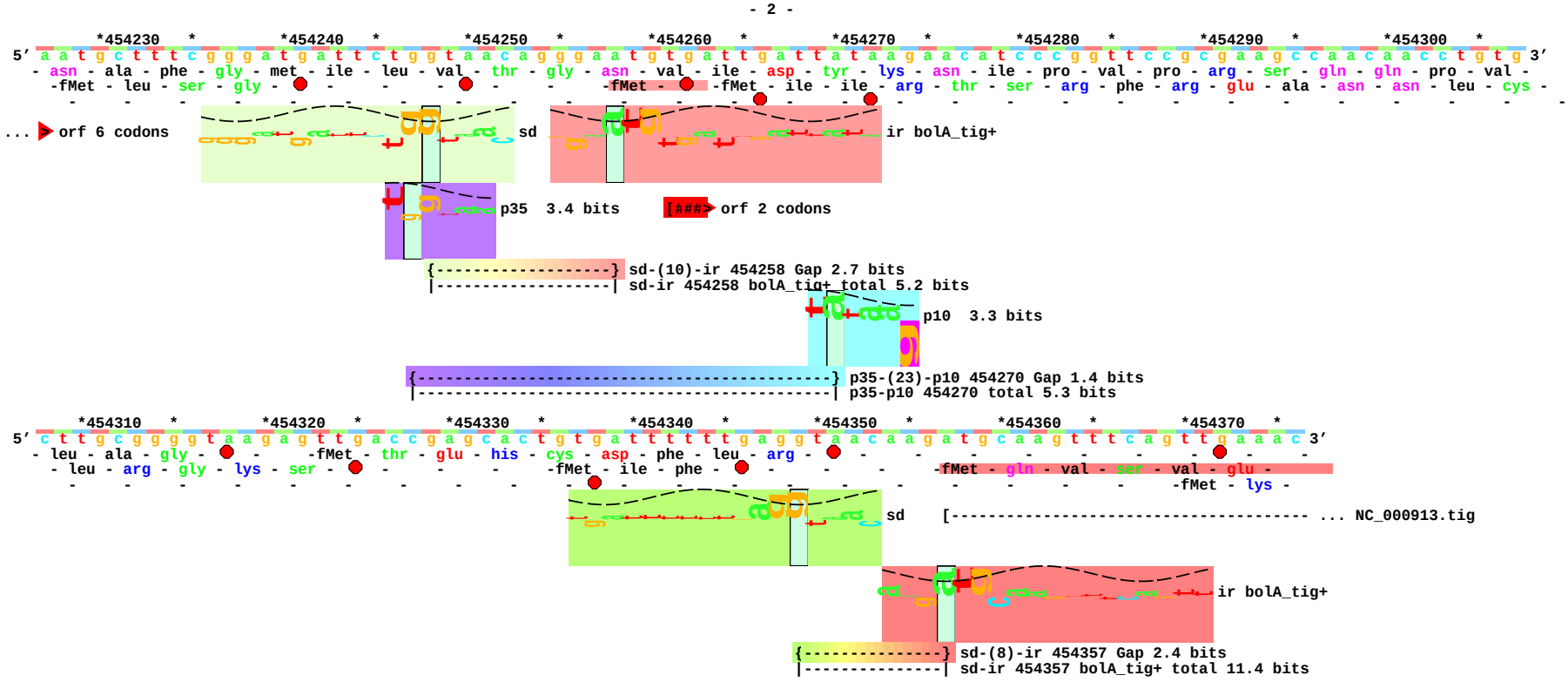
piece 1, NC_000913, bolA_tig+, config: linear, direction: +, begin: 453984, end: 454376




*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+
p35 3.4 bits
[###> orf 2 codons
{------------------} 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 t c a g t t g a a a c 3′
- leu - ala - gly - fMet - thr - glu - his - cys - asp - phe - leu - arg -
- leu - arg - gly - lys - ser - fMet - ile - phe - fMet - gln - val - ser - val - glu -
-fMet - lys -
sd
[---------- ... NC_000913.tig
ir bolA_tig+
{--------------} sd-(8)-ir 454357 Gap 2.4 bits
|--------------| sd-ir 454357 bolA_tig+ total 11.4 bits