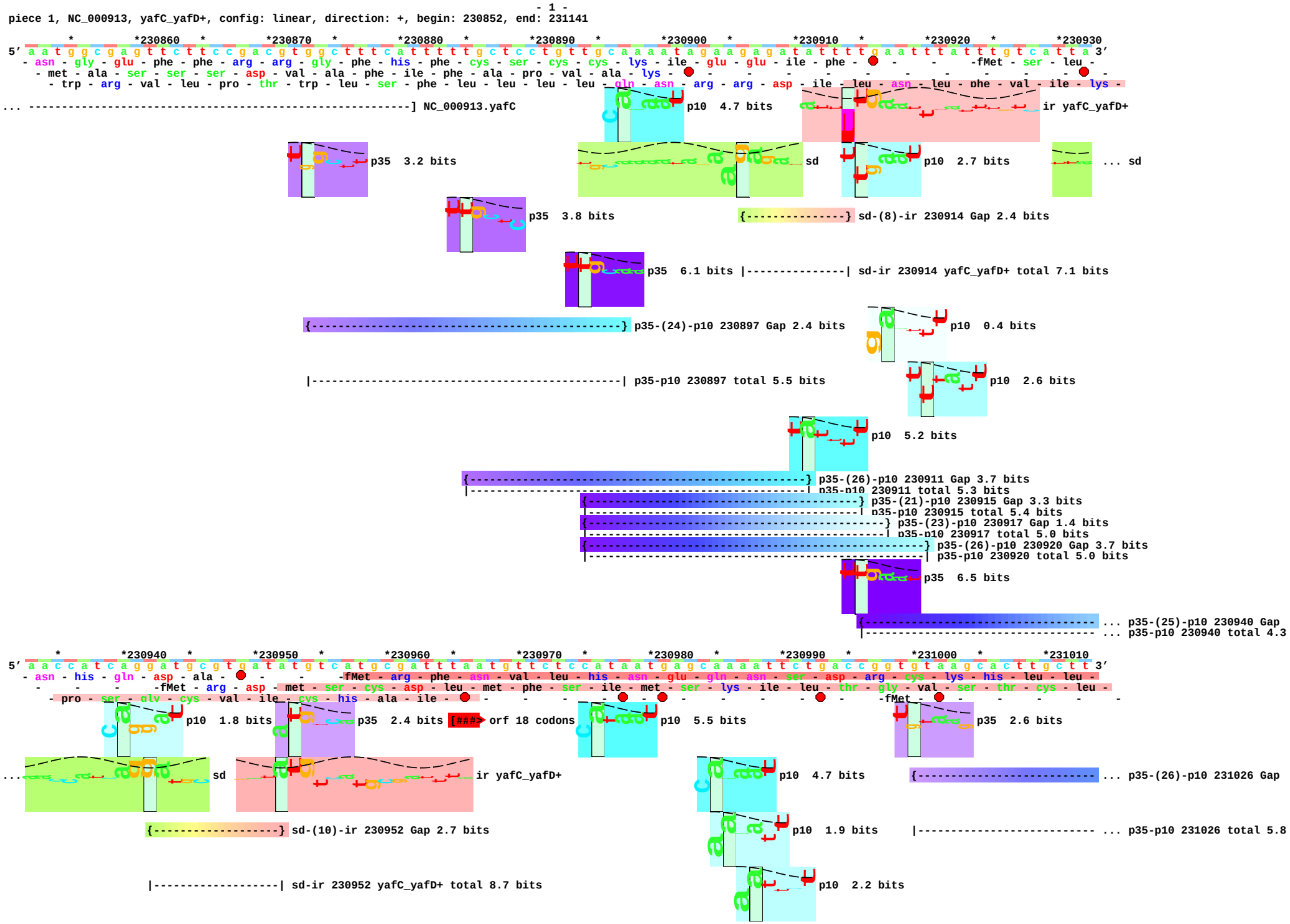
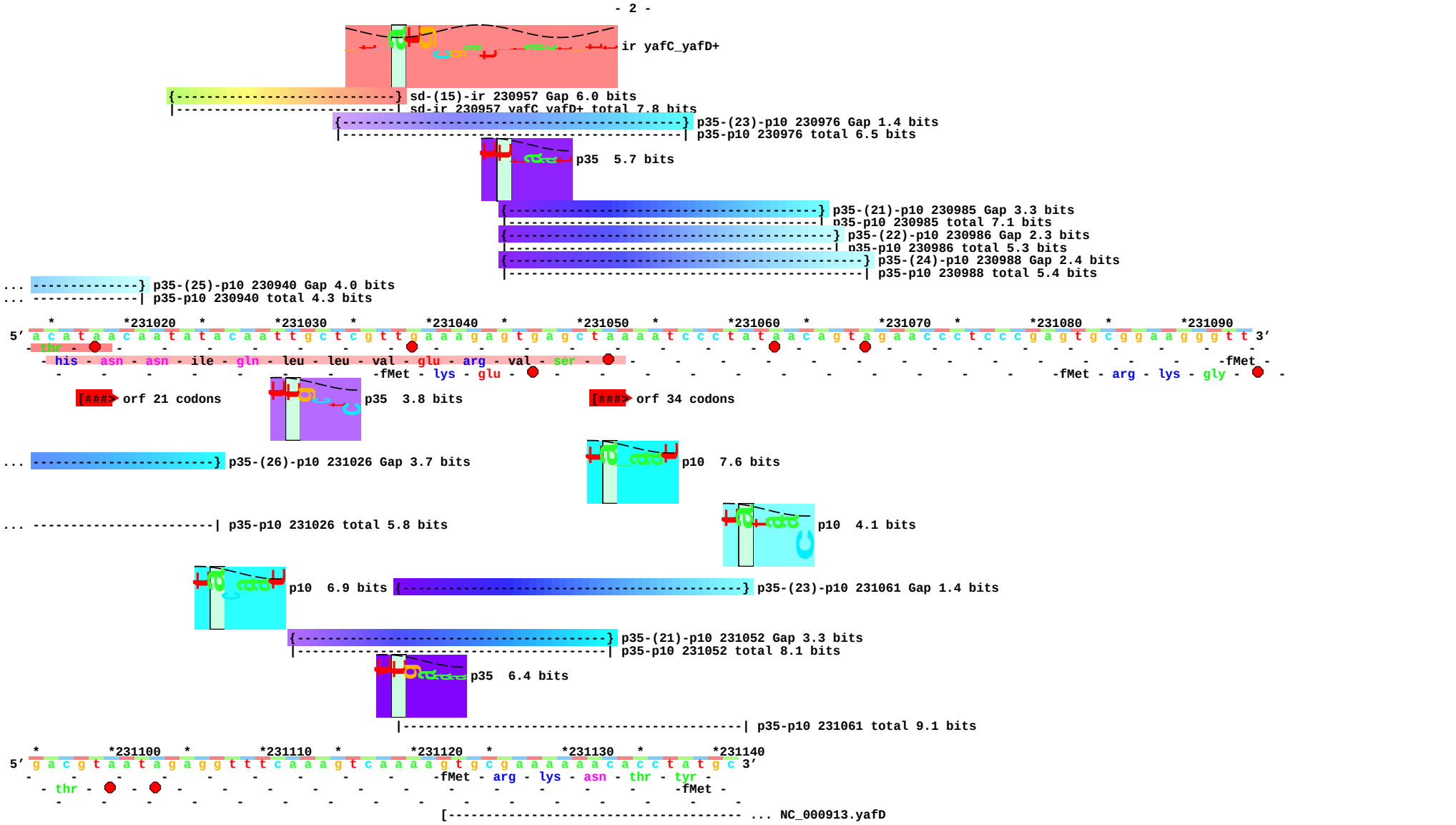

piece 1, NC_000913, yafC_yafD+, config: linear, direction: +, begin: 230852, end: 231141
*230860 *230870 *230880 *230890 *230900 *230910 *230920 *230930
5' a a t g g c g a g t t c t t c c g a c g t g g c t t t c a t t t t t g c t c c t g t t g c a a a a t a g a a g a g a t a t t t t g a a t t t a t t t g t c a t t a 3'
- asn - gly - glu - phe - phe - arg - arg - gly - phe - his - phe - cys - ser - cys - cys - lys - ile - glu - glu - ile - phe - - - -fMet - ser - leu -
- met - ala - ser - ser - ser - asp - val - ala - phe - ile - phe - ala - pro - val - ala - lys - - - - - - - - - - - - - -
- trp - arg - val - leu - pro - thr - trp - leu - ser - phe - leu - leu - leu - leu - gln - asn - arg - arg - asp - ile - leu - asn - leu - phe - val - ile - lys -
... ----------] NC_000913.yafC
p10 4.7 bits
ir yafC_yafD+
p35 3.2 bits
sd
p10 2.7 bits
... sd
p35 3.8 bits
{---------} sd-(8)-ir 230914 Gap 2.4 bits
p35 6.1 bits |---------| sd-ir 230914 yafC_yafD+ total 7.1 bits
{----------} p35-(24)-p10 230897 Gap 2.4 bits
p10 0.4 bits
|----------| p35-p10 230897 total 5.5 bits
p10 2.6 bits
p10 5.2 bits
{----------} p35-(26)-p10 230911 Gap 3.7 bits
|----------| p35-p10 230911 total 5.3 bits
{----------} p35-(21)-p10 230915 Gap 3.3 bits
|----------| p35-p10 230915 total 5.4 bits
{----------} p35-(23)-p10 230917 Gap 1.4 bits
|----------| p35-p10 230917 total 5.0 bits
{----------} p35-(26)-p10 230920 Gap 3.7 bits
|----------| p35-p10 230920 total 5.0 bits
p35 6.5 bits
{---------- ... p35-(25)-p10 230940 Gap
|---------- ... p35-p10 230940 total 4.3
*230940 *230950 *230960 *230970 *230980 *230990 *231000 *231010
5' a a c c a t c a g g a t g c g t g a t a t g t c a t g c g a t t t a a t g t t c t c c a t a a t g a g c a a a a t t c t g a c c g g t g t a a g c a c t t g c t t 3'
- asn - his - gln - asp - ala - - - -fMet - arg - phe - asn - val - leu - his - asn - glu - gln - asn - ser - asp - arg - cys - lys - his - leu - leu -
- - - -fMet - arg - asp - met - ser - cys - asp - leu - met - phe - ser - ile - met - ser - lys - ile - leu - thr - gly - val - ser - thr - cys - leu -
- pro - ser - gly - cys - val - ile - cys - his - ala - ile - - - - - - - - - - - - -


ir yafC_yafD+
sd-(15)-ir 230957 Gap 6.0 bits
sd-ir 230957 yafC yafD+ total 7.8 bits
p35-(23)-p10 230976 Gap 1.4 bits
p35-p10 230976 total 6.5 bits
p35 5.7 bits
p35-(21)-p10 230985 Gap 3.3 bits
p35-p10 230985 total 7.1 bits
p35-(22)-p10 230986 Gap 2.3 bits
p35-p10 230986 total 5.3 bits
p35-(24)-p10 230988 Gap 2.4 bits
p35-p10 230988 total 5.4 bits
p35-(25)-p10 230940 Gap 4.0 bits
p35-p10 230940 total 4.3 bits
*231020 *231030 *231040 *231050 *231060 *231070 *231080 *231090
5' a c a t a a c a a t a t a c a a t t g c t c g t t g a a a g a g t g a g c t a a a a t c c c t a t a a c a g t a g a a c c c t c c c g a g t g c g g a a g g g t t 3'
thr
his asn asn ile gln leu leu val glu arg val ser
fMet lys glu
fMet arg lys gly
orf 21 codons
p35 3.8 bits
orf 34 codons
p35-(26)-p10 231026 Gap 3.7 bits
p10 7.6 bits
p35-p10 231026 total 5.8 bits
p10 4.1 bits
p10 6.9 bits
p35-(23)-p10 231061 Gap 1.4 bits
p35-(21)-p10 231052 Gap 3.3 bits
p35-p10 231052 total 8.1 bits
p35 6.4 bits
p35-p10 231061 total 9.1 bits
*231100 *231110 *231120 *231130 *231140
5' g a c g t a a t a g a g g t t t c a a a g t c a a a a g t g c g a a a a a a a c a c c t a t g c 3'
fMet arg lys asn thr tyr
thr
fMet
NC_000913.yafD