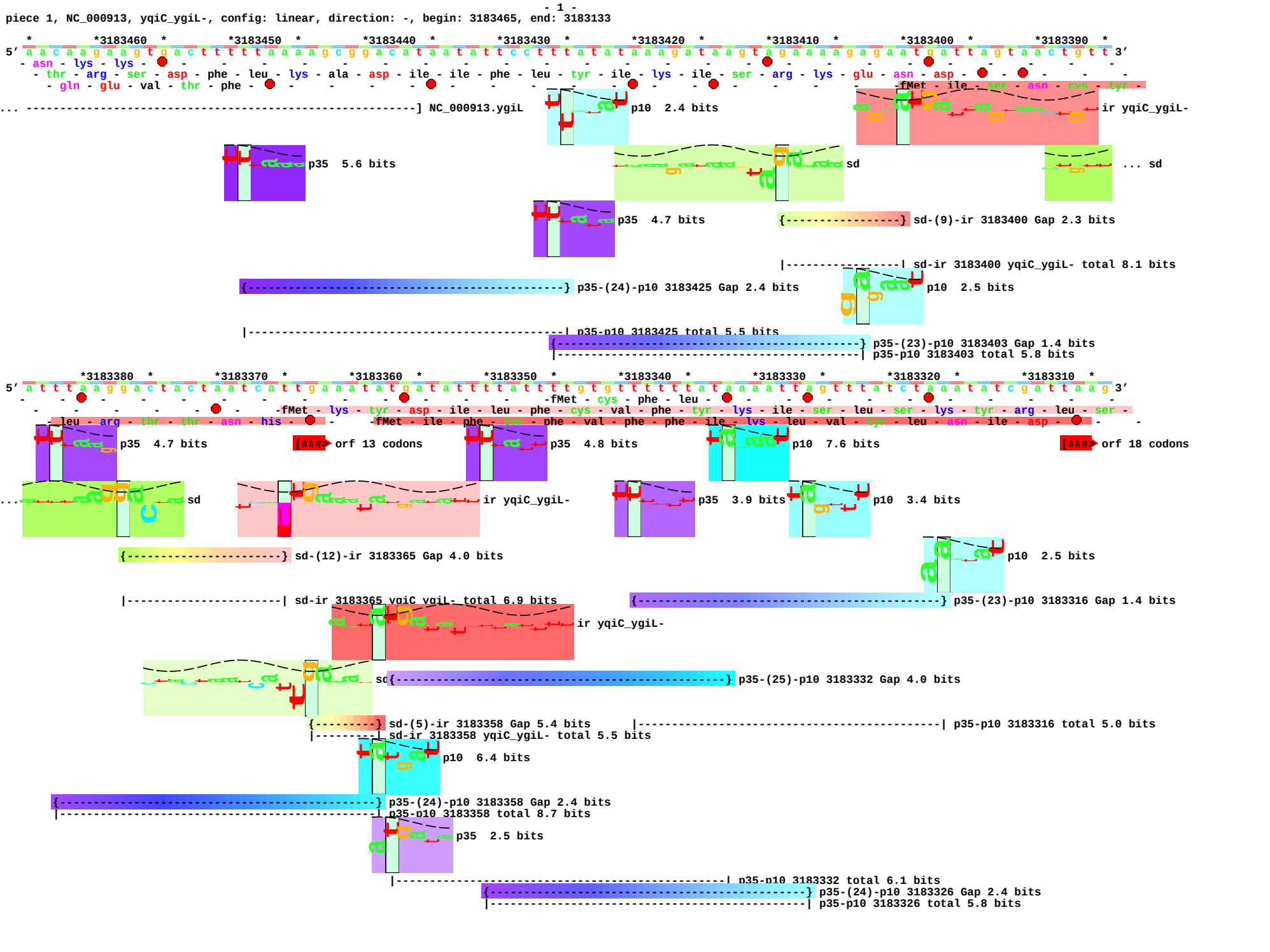
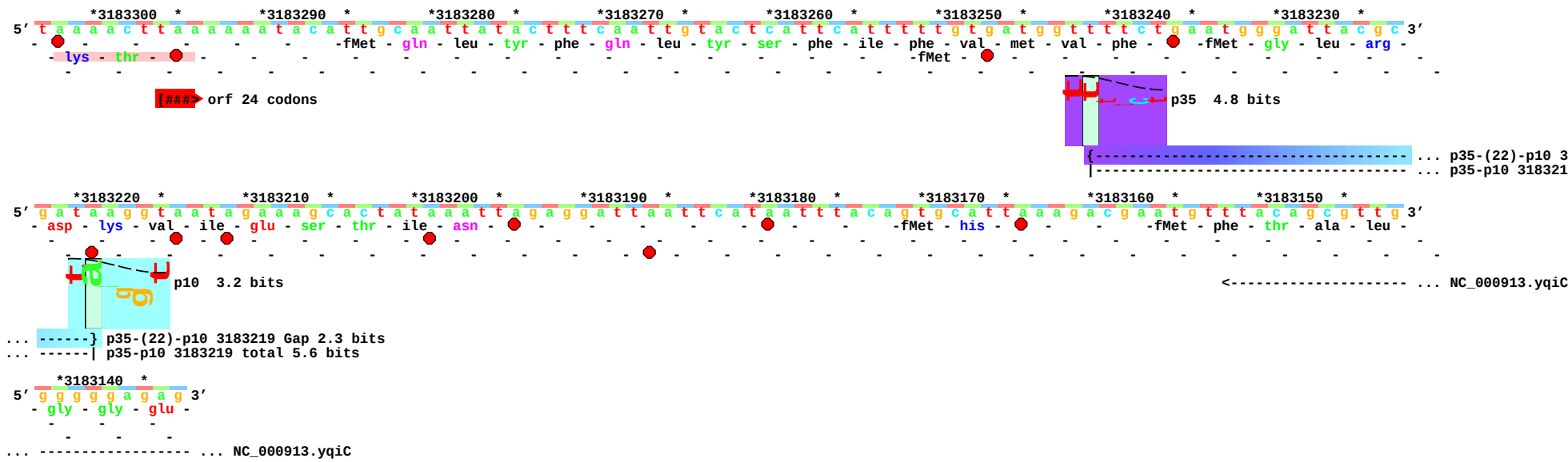

piece 1, NC_000913, yqiC_ygiL-, config: linear, direction: -, begin: 3183465, end: 3183133
*3183460 *3183450 *3183440 *3183430 *3183420 *3183410 *3183400 *3183390 *
5' a a c a a g a a g t g a c t t t t t a a a a g c g g a c a t a a t a t t c c t t t a t a t a a a g a t a a g t a g a a a a g a g a a t g a t t a g t a a c t g t t 3'
- asn - lys - lys - thr - arg - ser - asp - phe - leu - lys - ala - asp - ile - ile - phe - leu - tyr - ile - lys - ile - ser - arg - lys - glu - asn - asp - gln - glu - val - thr - phe -
fMet - ile - ser - asn - cys - tyr -
...] NC_000913.ygiL
p10 2.4 bits
ir yqiC_ygiL-
p35 5.6 bits
sd
... sd
p35 4.7 bits
{} sd-(9)-ir 3183400 Gap 2.3 bits
|| sd-ir 3183400 yqiC_ygiL- total 8.1 bits
{} p35-(24)-p10 3183425 Gap 2.4 bits
p10 2.5 bits
|| p35-p10 3183425 total 5.5 bits
{} p35-(23)-p10 3183403 Gap 1.4 bits
|| p35-p10 3183403 total 5.8 bits
*3183380 *3183370 *3183360 *3183350 *3183340 *3183330 *3183320 *3183310 *
5' a t t t a a g g a c t a c t a a t c a t t g a a a t a t g a t a t t t t a t t t t g t g t t t t t t a t a a a a t t a g t t t a t c t a a a t a t c g a t t a a g 3'
fMet - cys - phe - leu -
fMet - lys - tyr - asp - ile - leu - phe - cys - val - phe - tyr - lys - ile - ser - leu - ser - lys - tyr - arg - leu - ser -
leu - arg - thr - thr - asn - his -
fMet - ile - phe - tyr - phe - val - phe - phe - ile - lys - leu - val - tyr - leu - asn - ile - asp -
p35 4.7 bits
[###> orf 13 codons
p35 4.8 bits
p10 7.6 bits
[###> orf 18 codons
... sd
ir yqiC_ygiL-
p35 3.9 bits
p10 3.4 bits
{} sd-(12)-ir 3183365 Gap 4.0 bits
p10 2.5 bits
|| sd-ir 3183365 yqiC_ygiL- total 6.9 bits
{} p35-(23)-p10 3183316 Gap 1.4 bits
ir yqiC_ygiL-
sd
{} p35-(25)-p10 3183332 Gap 4.0 bits
{} sd-(5)-ir 3183358 Gap 5.4 bits
|| p35-p10 3183316 total 5.0 bits
|| sd-ir 3183358 yqiC_ygiL- total 5.5 bits
p10 6.4 bits
{} p35-(24)-p10 3183358 Gap 2.4 bits
|| p35-p10 3183358 total 8.7 bits
p35 2.5 bits
|| p35-p10 3183332 total 6.1 bits
{} p35-(24)-p10 3183326 Gap 2.4 bits
|| p35-p10 3183326 total 5.8 bits


*3183300 *3183290 *3183280 *3183270 *3183260 *3183250 *3183240 *3183230 *
5′ t a a a a c t t a a a a a a t a c a t t g c a a t t a t a c t t t c a a t t g t a c t c a t t c a t t t t t g t g a t g g t t t t c t g a a t g g g a t t a c g c 3′
- - - - - - -fMet - gln - leu - tyr - phe - gln - leu - tyr - ser - phe - ile - phe - val - met - val - phe - -fMet - gly - leu - arg -
- lys - thr - -fMet -
[###> orf 24 codons
p35 4.8 bits
{---------- ... p35-(22)-p10 3
|---------- ... p35-p10 318321
*3183220 *3183210 *3183200 *3183190 *3183180 *3183170 *3183160 *3183150 *
5′ g a t a a g g t a a t a g a a a g c a c t a t a a a t t a g a g g a t t a a t t c a t a a t t t a c a g t g c a t t a a a g a c g a a t g t t t a c a g c g t t g 3′
- asp - lys - val - ile - glu - ser - thr - ile - asn - -fMet - his - -fMet - phe - thr - ala - leu -
p10 3.2 bits
<---------- ... NC_000913.yqiC
... ------} p35-(22)-p10 3183219 Gap 2.3 bits
... ------| p35-p10 3183219 total 5.6 bits
*3183140 *
5′ g g g g g a g a g 3′
- gly - gly - glu -
... ---------- ... NC_000913.yqiC