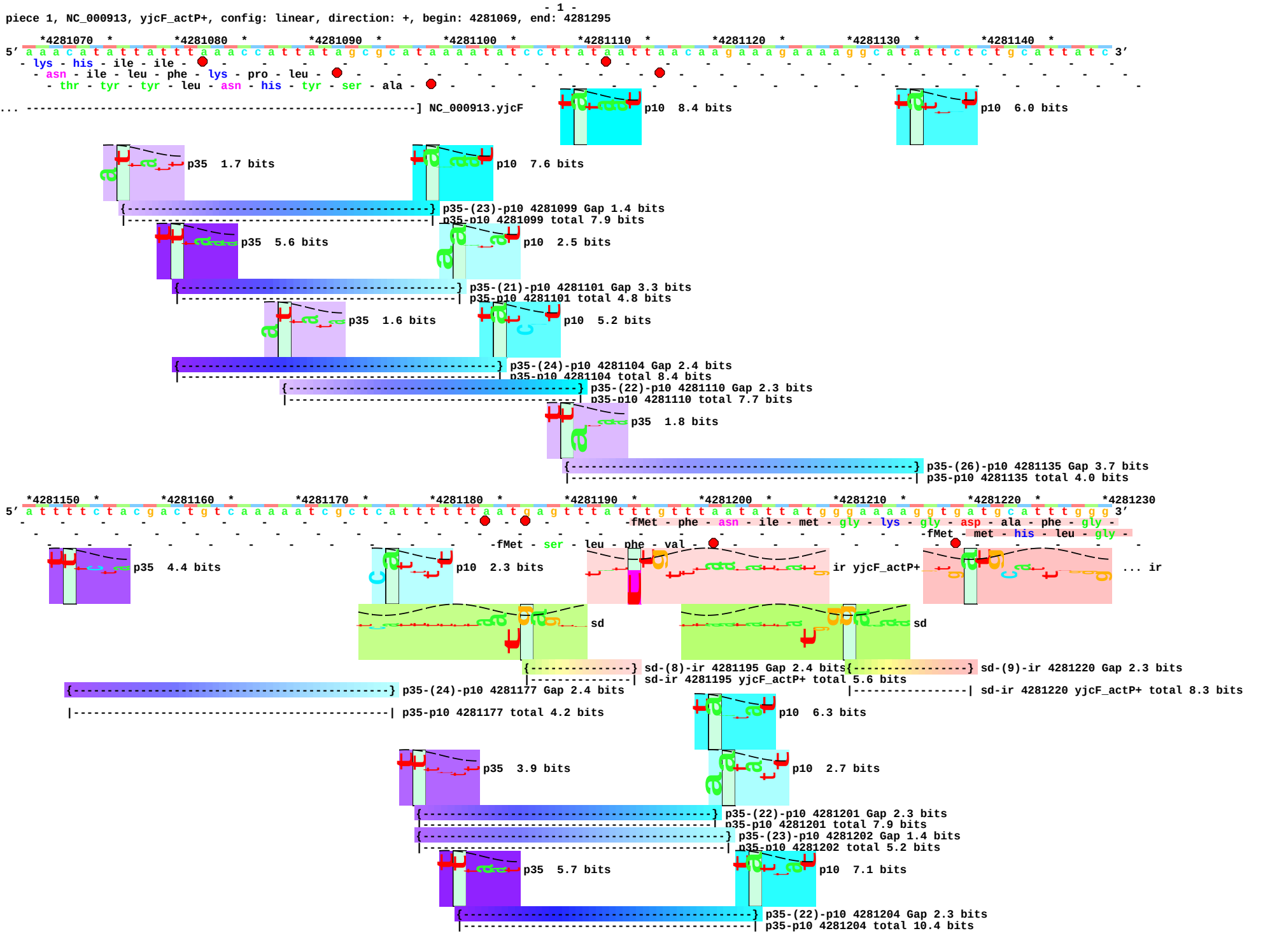
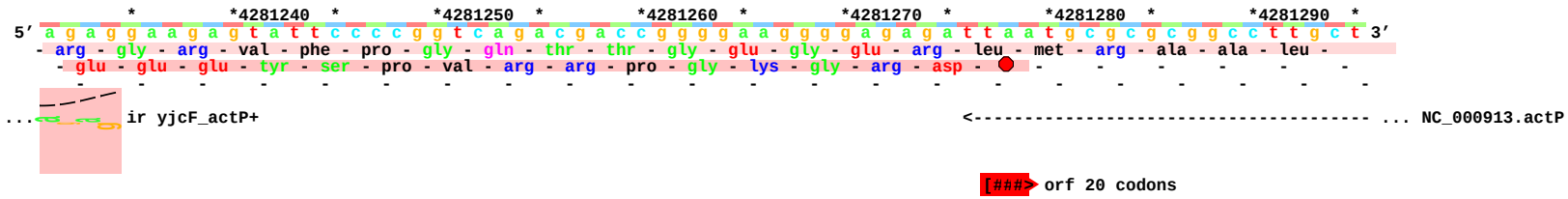

piece 1, NC_000913, yjcF_actP+, config: linear, direction: +, begin: 4281069, end: 4281295
*4281070 *4281080 *4281090 *4281100 *4281110 *4281120 *4281130 *4281140 *
5' a a a c a t a t t a t t t a a a c c a t t a t a g c g c a t a a a a t a t c c t t a t a a t t a a c a a g a a a g a a a a g g c a t a t t c t c t g c a t t a t c 3'
- lys - his - ile - ile -
- asn - ile - leu - phe - lys - pro - leu -
- thr - tyr - tyr - leu - asn - his - tyr - ser - ala -
... ----------] NC_000913.yjcF
p10 8.4 bits
p10 6.0 bits
p35 1.7 bits
p10 7.6 bits
{----------} p35-(23)-p10 4281099 Gap 1.4 bits
|----------| p35-p10 4281099 total 7.9 bits
p35 5.6 bits
p10 2.5 bits
{----------} p35-(21)-p10 4281101 Gap 3.3 bits
|----------| p35-p10 4281101 total 4.8 bits
p35 1.6 bits
p10 5.2 bits
{----------} p35-(24)-p10 4281104 Gap 2.4 bits
|----------| p35-p10 4281104 total 8.4 bits
{----------} p35-(22)-p10 4281110 Gap 2.3 bits
|----------| p35-p10 4281110 total 7.7 bits
p35 1.8 bits
{----------} p35-(26)-p10 4281135 Gap 3.7 bits
|----------| p35-p10 4281135 total 4.0 bits
*4281150 *4281160 *4281170 *4281180 *4281190 *4281200 *4281210 *4281220 *4281230
5' a t t t t c t a c g a c t g t c a a a a a t c g c t c a t t t t t t a a t g a g t t t a t t t g t t t a a t a t t a t g g g a a a a g g t g a t g c a t t t g g g 3'
-fMet - phe - asn - ile - met - gly - lys - gly - asp - ala - phe - gly -
-fMet - met - his - leu - gly -
-fMet - ser - leu - phe - val -
p35 4.4 bits
p10 2.3 bits
ir yjcF_actP+
... ir
sd
sd
{----------} sd-(8)-ir 4281195 Gap 2.4 bits
|----------| sd-ir 4281195 yjcF_actP+ total 5.6 bits
{----------} sd-(9)-ir 4281220 Gap 2.3 bits
|----------| sd-ir 4281220 yjcF_actP+ total 8.3 bits
{----------} p35-(24)-p10 4281177 Gap 2.4 bits
|----------| p35-p10 4281177 total 4.2 bits
p10 6.3 bits
p35 3.9 bits
p10 2.7 bits
{----------} p35-(22)-p10 4281201 Gap 2.3 bits
|----------| p35-p10 4281201 total 7.9 bits
{----------} p35-(23)-p10 4281202 Gap 1.4 bits
|----------| p35-p10 4281202 total 5.2 bits
p35 5.7 bits
p10 7.1 bits
{----------} p35-(22)-p10 4281204 Gap 2.3 bits
|----------| p35-p10 4281204 total 10.4 bits


* *4281240 * *4281250 * *4281260 * *4281270 * *4281280 * *4281290 *
5’ a g a g g a a g a g t a t t c c c c g g t c a g a c g a c c g g g g a a g g g g a g a g a t t a a t g c g c g c g g c c t t g c t 3’
- arg - gly - arg - val - phe - pro - gly - gln - thr - thr - gly - glu - gly - glu - arg - leu - met - arg - ala - ala - leu -
- glu - glu - glu - tyr - ser - pro - val - arg - arg - pro - gly - lys - gly - arg - asp -
ir yjcF_actP+
<---------- ... NC_000913.actP
[###> orf 20 codons