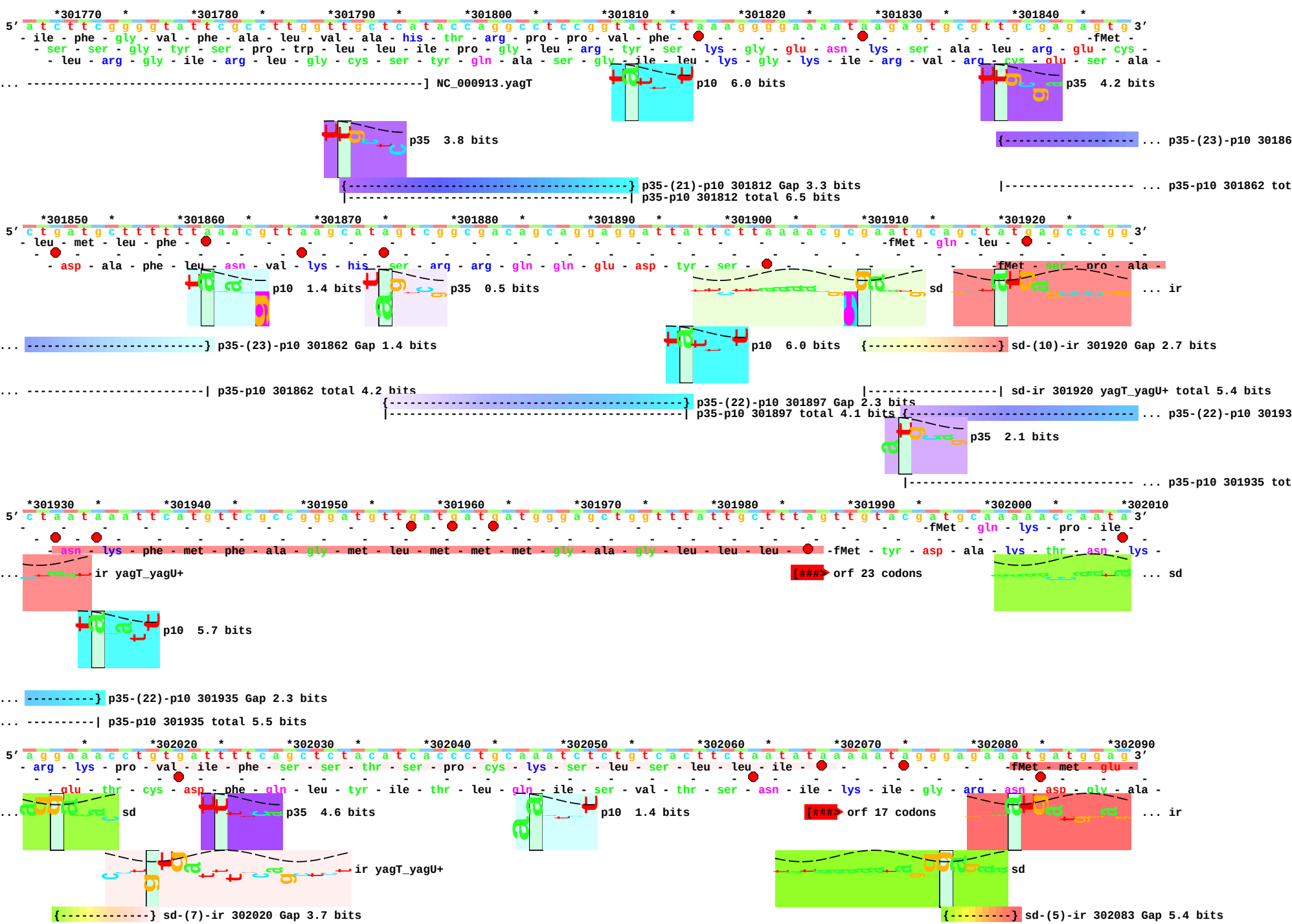
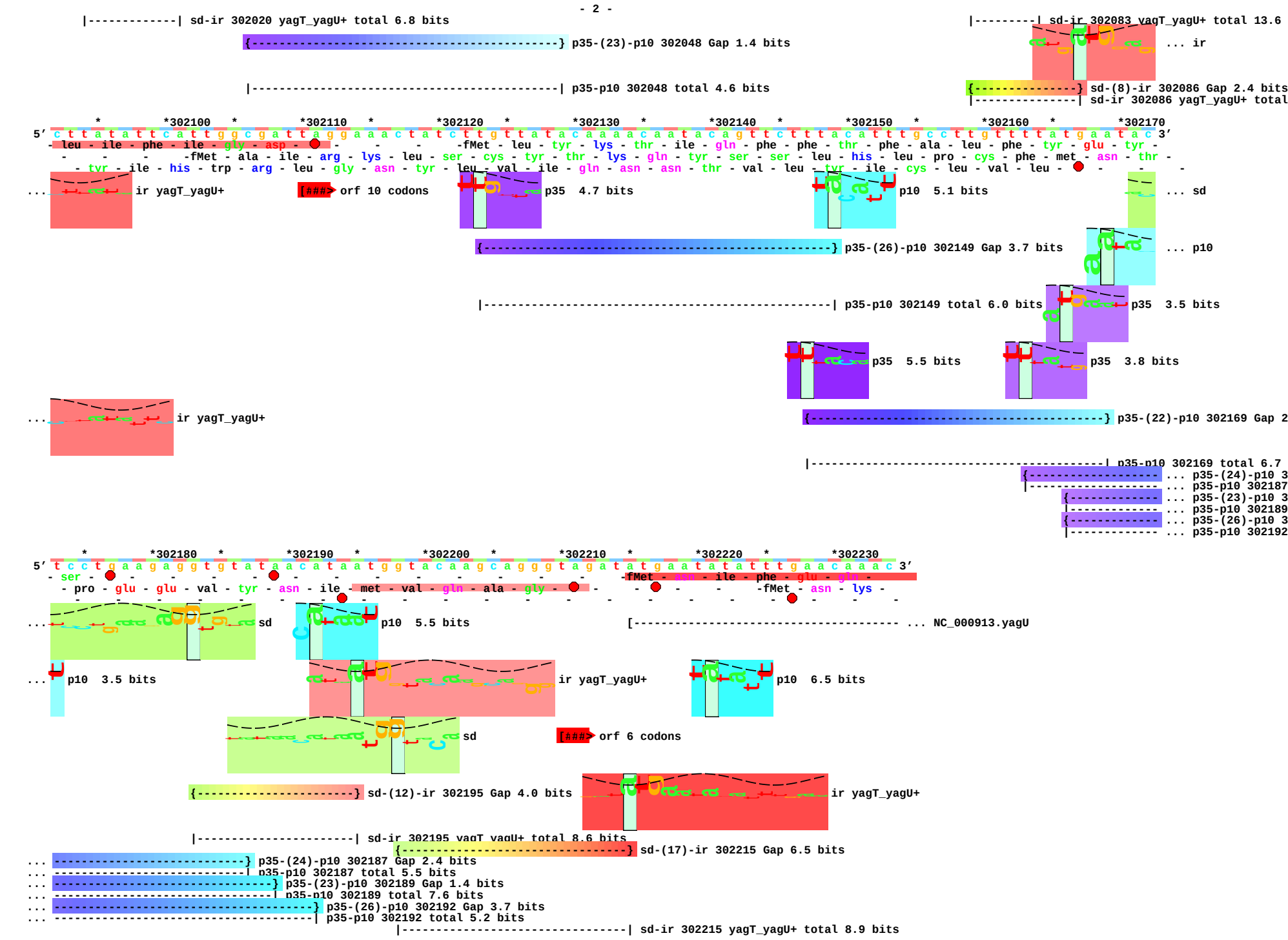
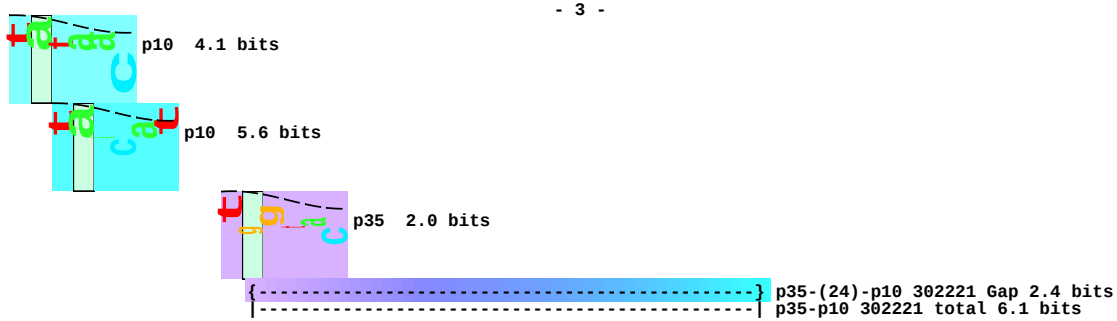
piece 1, NC_000913, yagT_yagU+, config: linear, direction: +, begin: 301768, end: 302234




|------------| sd-ir 302020 yagT_yagU+ total 6.8 bits
{---} p35-(23)-p10 302048 Gap 1.4 bits
|---| p35-p10 302048 total 4.6 bits
|---------| sd-ir 302083 yagT_yagU+ total 13.6
... ir
{--------------} sd-(8)-ir 302086 Gap 2.4 bits
|--------------| sd-ir 302086 yagT_yagU+ total
*302100 *302110 *302120 *302130 *302140 *302150 *302160 *302170
5′ c t t a t a t t c a t t g g c g a t t a g g a a a c t a t c t t g t t a t a c a a a a c a a t a c a g t t c t t t a c a t t t g c c t t g t t t t a t g a a t a c 3′
- leu - ile - phe - ile - gly - asp -
-fMet - leu - tyr - lys - thr - ile - gln - phe - phe - thr - phe - ala - leu - phe - tyr - glu - tyr -
-fMet - ala - ile - arg - lys - leu - ser - cys - tyr - thr - lys - gln - tyr - ser - ser - leu - his - leu - pro - cys - phe - met - asn - thr -
- tyr - ile - his - trp - arg - leu - gly - asn - tyr - leu - val - ile - gln - asn - asn - thr - val - leu - tyr - ile - cys - leu - val - leu -
... ir yagT_yagU+
[###> orf 10 codons
p35 4.7 bits
p10 5.1 bits
... sd
{---} p35-(26)-p10 302149 Gap 3.7 bits
... p10
|---| p35-p10 302149 total 6.0 bits
p35 3.5 bits
p35 5.5 bits
p35 3.8 bits
... ir yagT_yagU+
{---} p35-(22)-p10 302169 Gap 2
|---| p35-p10 302169 total 6.7
{------------------ ... p35-(24)-p10 3
|------------------ ... p35-p10 302187
{-------------- ... p35-(23)-p10 3
|-------------- ... p35-p10 302189
{-------------- ... p35-(26)-p10 3
|-------------- ... p35-p10 302192
*302180 *302190 *302200 *302210 *302220 *302230
5′ t c c t g a a g a g g t g t a t a a c a t a a t g g t a c a a g c a g g g t a g a t a t g a a t a t a t t t g a a c a a a c 3′
- ser -
-fMet - asn - ile - phe - glu - gln -
- pro - glu - glu - val - tyr - asn - ile - met - val - gln - ala - gly -
-fMet - asn - lys -
... sd
p10 5.5 bits
[----------------------------------- ... NC_000913.yagU
... p10 3.5 bits
ir yagT_yagU+
p10 6.5 bits
sd
[###> orf 6 codons
{----------------------} sd-(12)-ir 302195 Gap 4.0 bits
ir yagT_yagU+
|----------------------| sd-ir 302195 yagT_yagU+ total 8.6 bits
{--------------------------------} sd-(17)-ir 302215 Gap 6.5 bits
... ---------------------------} p35-(24)-p10 302187 Gap 2.4 bits
... ---------------------------| p35-p10 302187 total 5.5 bits
... ---------------------------------} p35-(23)-p10 302189 Gap 1.4 bits
... ---------------------------------| p35-p10 302189 total 7.6 bits
... -------------------------------------} p35-(26)-p10 302192 Gap 3.7 bits
... -------------------------------------| p35-p10 302192 total 5.2 bits
|--------------------------------| sd-ir 302215 yagT_yagU+ total 8.9 bits


p10 4.1 bits
p10 5.6 bits
p35 2.0 bits
p35-(24)-p10 302221 Gap 2.4 bits
p35-p10 302221 total 6.1 bits