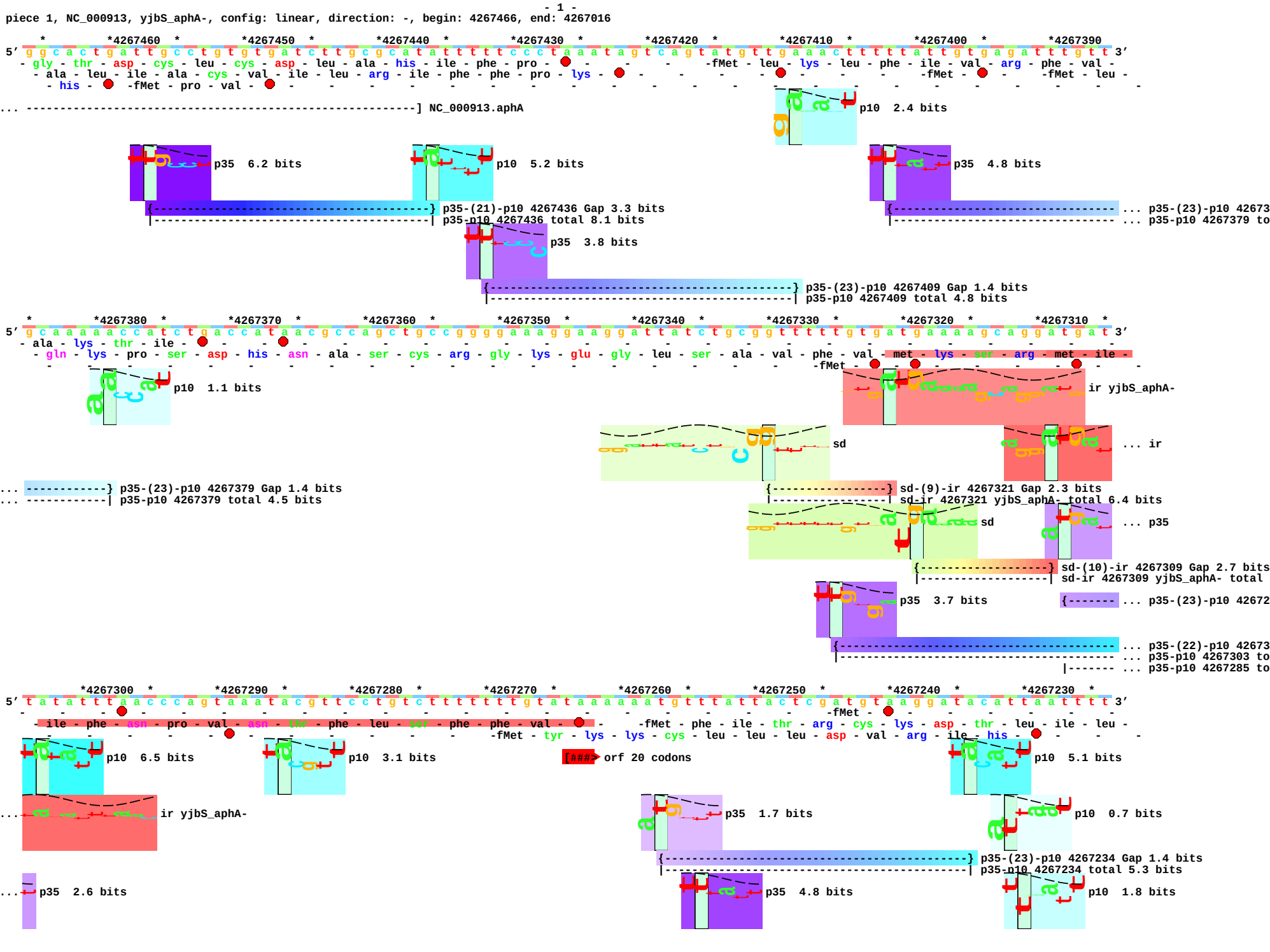
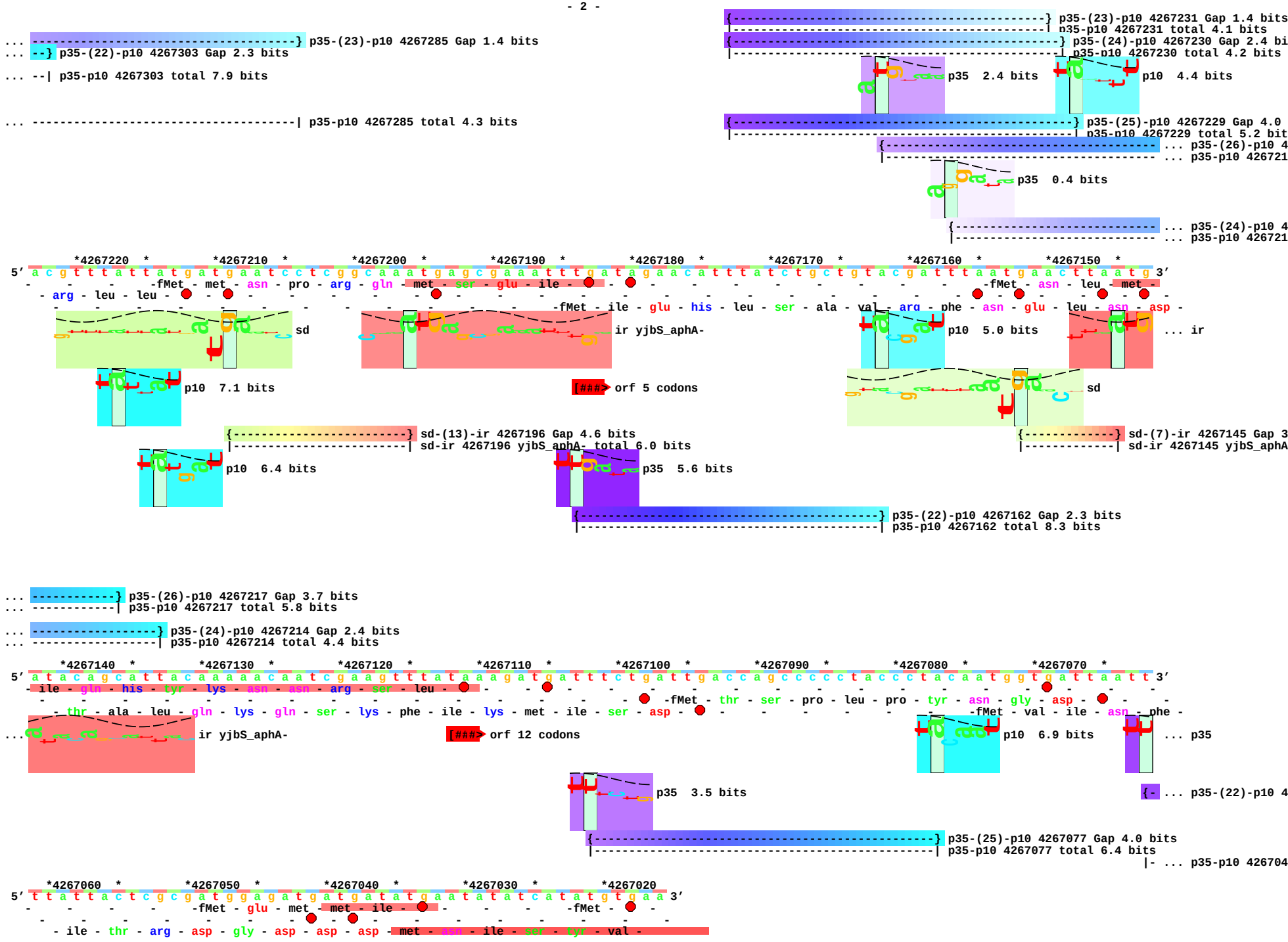
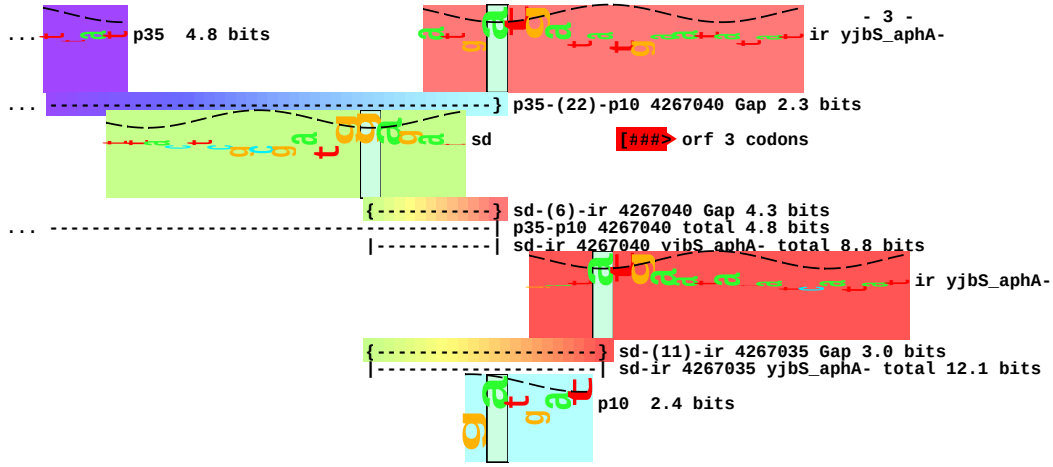
piece 1, NC_000913, yjbS_aphA-, config: linear, direction: -, begin: 4267466, end: 4267016




... } p35-(23)-p10 4267285 Gap 1.4 bits
... --} p35-(22)-p10 4267303 Gap 2.3 bits
... --| p35-p10 4267303 total 7.9 bits
... | p35-p10 4267285 total 4.3 bits
} p35-(23)-p10 4267231 Gap 1.4 bits
| p35-p10 4267231 total 4.1 bits
} p35-(24)-p10 4267230 Gap 2.4 bi
| p35-p10 4267230 total 4.2 bits
p35 2.4 bits
p10 4.4 bits
} p35-(25)-p10 4267229 Gap 4.0
| p35-p10 4267229 total 5.2 bit
... p35-(26)-p10 4
... p35-p10 426721
p35 0.4 bits
... p35-(24)-p10 4
... p35-p10 426721
*4267220 *4267210 *4267200 *4267190 *4267180 *4267170 *4267160 *4267150 *
5' a c g t t t a t t a t g a t g a a t c c t c g g c a a a t g a g c g a a a t t t g a t a g a a c a t t t a t c t g c t g t a c g a t t t a a t g a a c t t a a t g 3'
-fMet - met - asn - pro - arg - gln - met - ser - glu - ile -
-fMet - asn - leu - met -
arg - leu - leu -
-fMet - ile - glu - his - leu - ser - ala - val - arg - phe - asn - glu - leu - asn - asp -
sd
ir yjbS_aphA-
p10 5.0 bits
... ir
p10 7.1 bits
[###> orf 5 codons
sd
} sd-(13)-ir 4267196 Gap 4.6 bits
| sd-ir 4267196 yjbS_aphA- total 6.0 bits
} sd-(7)-ir 4267145 Gap 3
| sd-ir 4267145 yjbS_aphA
p10 6.4 bits
p35 5.6 bits
} p35-(22)-p10 4267162 Gap 2.3 bits
| p35-p10 4267162 total 8.3 bits
... } p35-(26)-p10 4267217 Gap 3.7 bits
... | p35-p10 4267217 total 5.8 bits
... } p35-(24)-p10 4267214 Gap 2.4 bits
... | p35-p10 4267214 total 4.4 bits
*4267140 *4267130 *4267120 *4267110 *4267100 *4267090 *4267080 *4267070 *
5' a t a c a g c a t t a c a a a a a c a a t c g a a g t t t a t a a g a t g a t t t c t g a t t g a c c a g c c c c c t a c c c t a c a a t g g t g a t t a a t t 3'
ile - gln - his - tyr - lys - asn - asn - arg - ser - leu -
-fMet - thr - ser - pro - leu - pro - tyr - asn - gly - asp -
thr - ala - leu - gln - lys - gln - ser - lys - phe - ile - lys - met - ile - ser - asp -
-fMet - val - ile - asn - phe -
... ir yjbS_aphA-
[###> orf 12 codons
p10 6.9 bits
... p35
p35 3.5 bits
{- ... p35-(22)-p10 4
} p35-(25)-p10 4267077 Gap 4.0 bits
| p35-p10 4267077 total 6.4 bits
|- ... p35-p10 426704
*4267060 *4267050 *4267040 *4267030 *4267020
5' t t a t t a c t c g c g a t g g a g a t g a t g a t a t g a a t a t a t c a t a t g t g a a 3'
-fMet - glu - met - met - ile -
-fMet -
ile - thr - arg - asp - gly - asp - asp - asp - met - asn - ile - ser - tyr - val -


... p35 4.8 bits
ir yjbS_aphA-
... } p35-(22)-p10 4267040 Gap 2.3 bits
sd
[###> orf 3 codons
{ } sd-(6)-ir 4267040 Gap 4.3 bits
... | p35-p10 4267040 total 4.8 bits
| | sd-ir 4267040 yjbS_aphA- total 8.8 bits
ir yjbS_aphA-
{ } sd-(11)-ir 4267035 Gap 3.0 bits
| | sd-ir 4267035 yjbS_aphA- total 12.1 bits
p10 2.4 bits