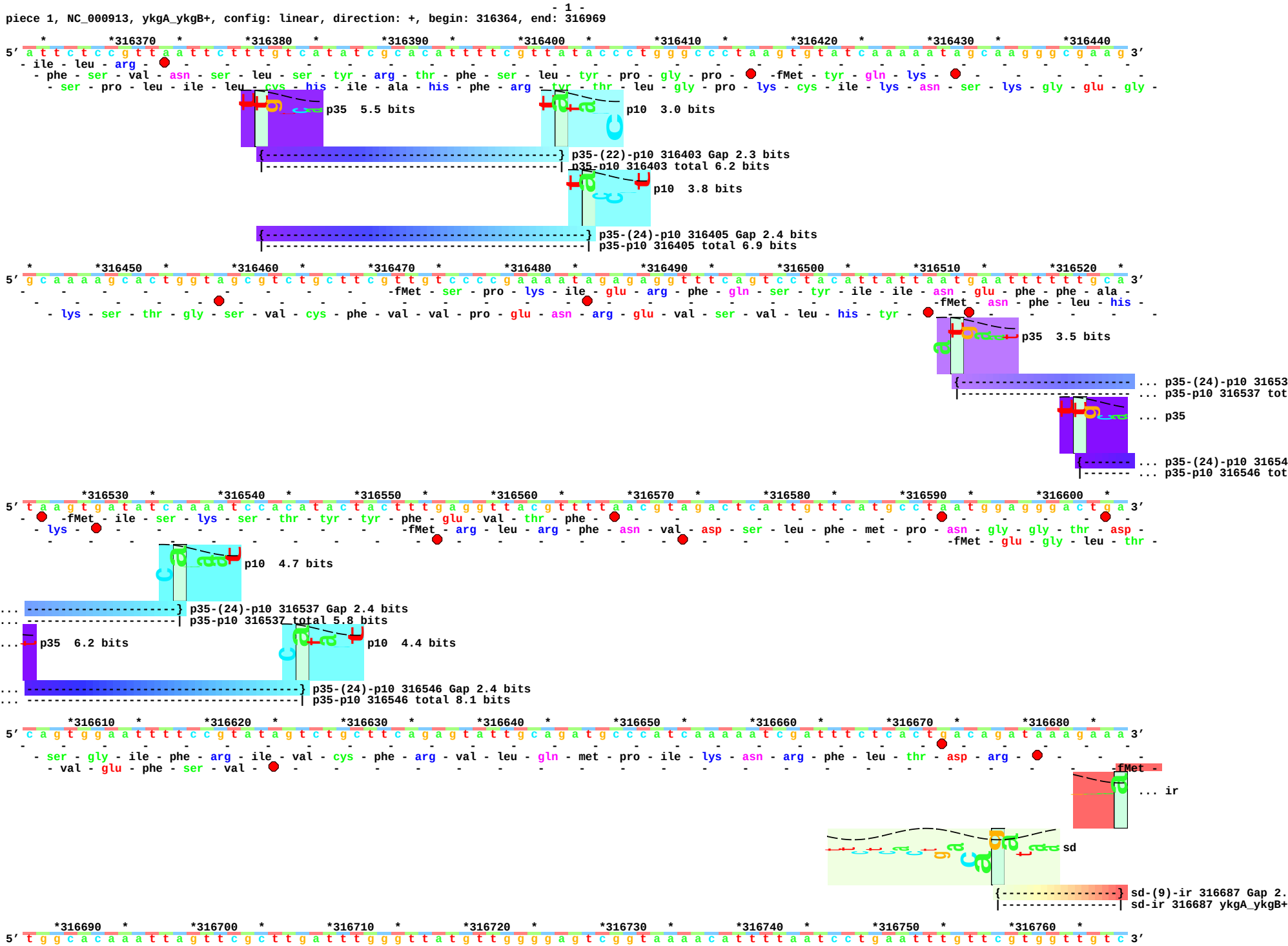
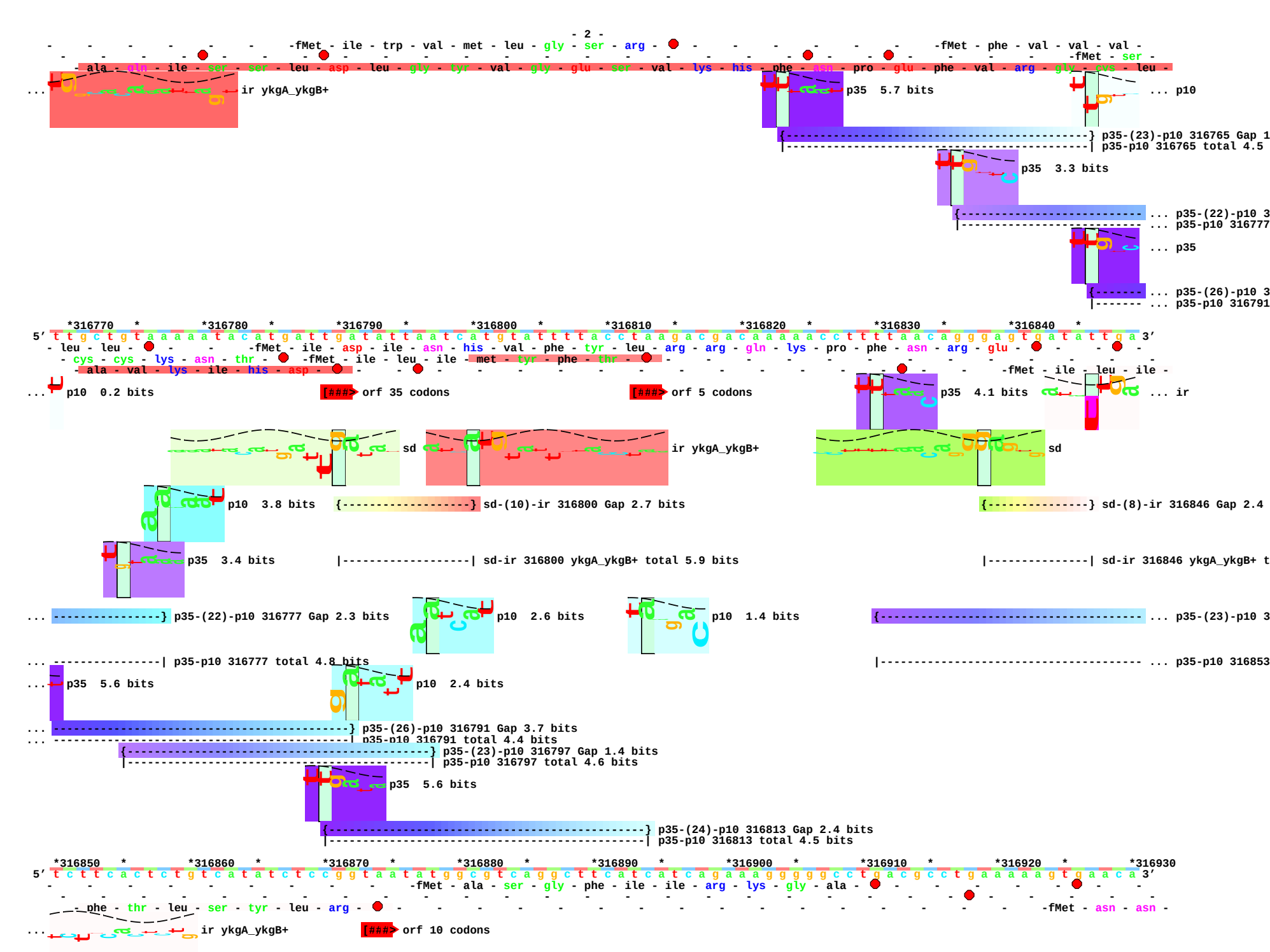
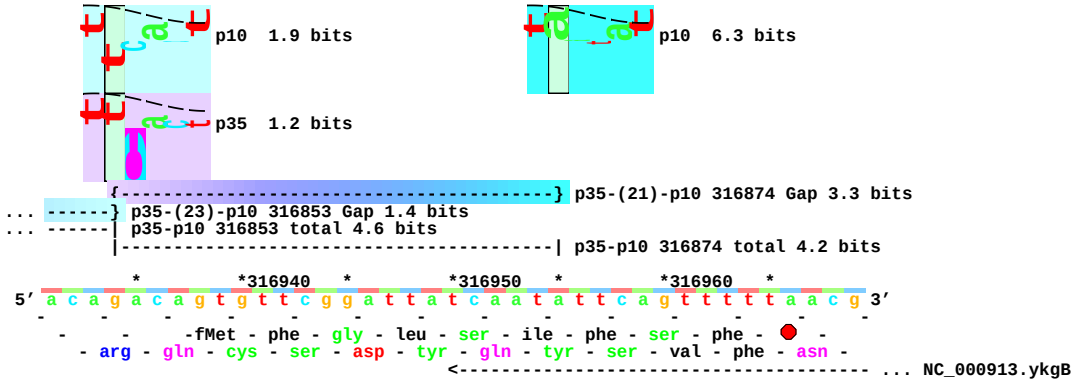
piece 1, NC_000913, ykgA_ykgB+, config: linear, direction: +, begin: 316364, end: 316969




- 2 -
-fMet - ile - trp - val - met - leu - gly - ser - arg -
-fMet - phe - val - val - val -
-fMet - ser -
- ala - gln - ile - ser - ser - leu - asp - leu - gly - tyr - val - gly - glu - ser - val - lys - his - phe - asn - pro - glu - phe - val - arg - gly - cys - leu -
... ir ykgA_ykgB+
p35 5.7 bits
... p10
} p35-(23)-p10 316765 Gap 1
| p35-p10 316765 total 4.5
p35 3.3 bits
... p35-(22)-p10 3
... p35-p10 316777
... p35
... p35-(26)-p10 3
... p35-p10 316791
*316770
*316780
*316790
*316800
*316810
*316820
*316830
*316840
5' t t g c t g t a a a a t a c a t g a t t g a t a t t a a t c a t g t a t t t t a c c t a a g a c g a c a a a a a c c t t t t a a c a g g g a g t g a t a t t g a 3'
- leu - leu -
-fMet - ile - asp - ile - asn - his - val - phe - tyr - leu - arg - arg - gln - lys - pro - phe - asn - arg - glu -
- cys - cys - lys - asn - thr -
-fMet - ile - leu - ile - met - tyr - phe - thr -
- ala - val - lys - ile - his - asp -
-fMet - ile - leu - ile -
... p10 0.2 bits
[###> orf 35 codons
[###> orf 5 codons
p35 4.1 bits
... ir
sd
ir ykgA_ykgB+
sd
p10 3.8 bits
} sd-(10)-ir 316800 Gap 2.7 bits
} sd-(8)-ir 316846 Gap 2.4
p35 3.4 bits
| sd-ir 316800 ykgA_ykgB+ total 5.9 bits
| sd-ir 316846 ykgA_ykgB+ t
... } p35-(22)-p10 316777 Gap 2.3 bits
p10 2.6 bits
p10 1.4 bits
... p35-(23)-p10 3
... | p35-p10 316777 total 4.8 bits
... | p35-p10 316853
... p35 5.6 bits
p10 2.4 bits
... } p35-(26)-p10 316791 Gap 3.7 bits
... | p35-p10 316791 total 4.4 bits
} p35-(23)-p10 316797 Gap 1.4 bits
| p35-p10 316797 total 4.6 bits
p35 5.6 bits
} p35-(24)-p10 316813 Gap 2.4 bits
| p35-p10 316813 total 4.5 bits
*316850
*316860
*316870
*316880
*316890
*316900
*316910
*316920
*316930
5' t c t t c a c t c t g t c a t a t c t c c g g t a a t a t g g c g t c a g g c t t c a t c a t c a g a a a a g g g g g c c t g a c g c c t g a a a a a a g t g a a c a 3'
-fMet - ala - ser - gly - phe - ile - ile - arg - lys - gly - ala -
- phe - thr - leu - ser - tyr - leu - arg -
-fMet - asn - asn -
... ir ykgA_ykgB+
[###> orf 10 codons


p10 1.9 bits
p10 6.3 bits
p35 1.2 bits
p35-(21)-p10 316874 Gap 3.3 bits
... ------} p35-(23)-p10 316853 Gap 1.4 bits
... ------| p35-p10 316853 total 4.6 bits
p35-p10 316874 total 4.2 bits
*316940
*316950
*316960
5' a c a g a c a g t g t t c g g a t t a t c a a t a t t c a g t t t t t a a c g 3'
-fMet - phe - gly - leu - ser - ile - phe - ser - phe -
- arg - gln - cys - ser - asp - tyr - gln - tyr - ser - val - phe - asn -
... NC_000913.ykgB