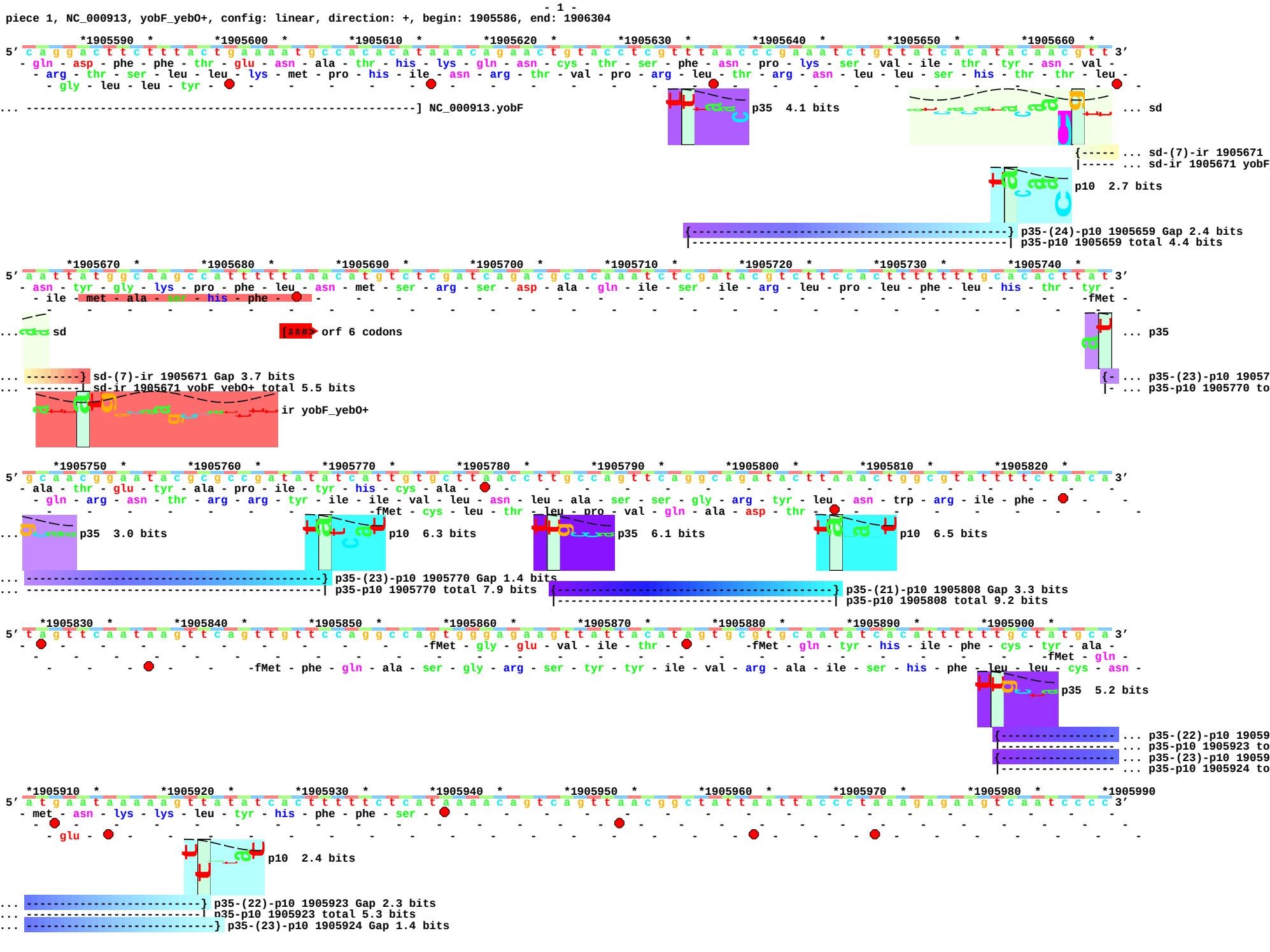
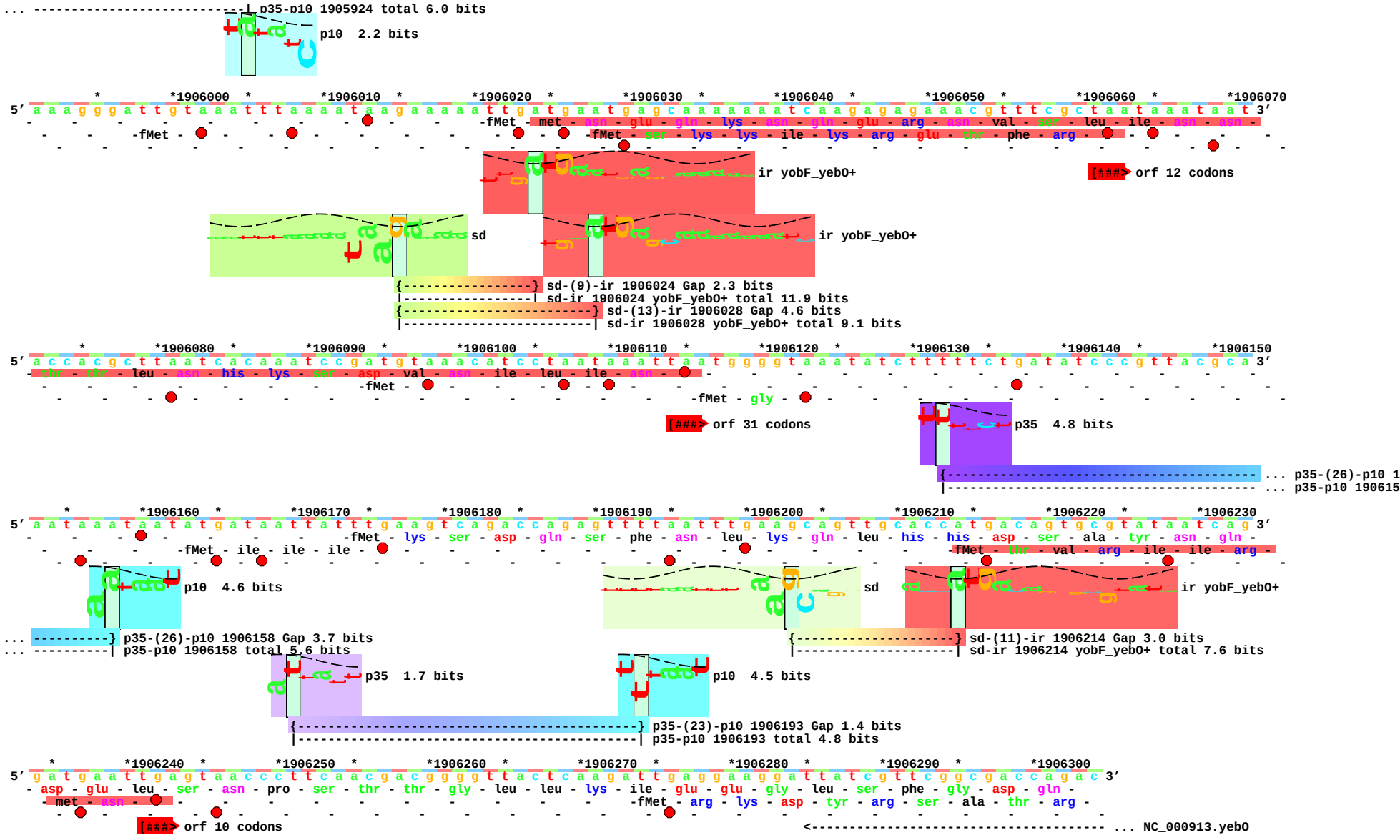
piece 1, NC_000913, yobF_yebO+, config: linear, direction: +, begin: 1905586, end: 1906304




... ----------| p35-p10 1905924 total 6.0 bits
p10 2.2 bits
*1906000 *1906010 *1906020 *1906030 *1906040 *1906050 *1906060 *1906070
5' a a a g g g a t t g t a a a t t t a a a a t a a g a a a a a a t t g a t g a a t g a g c a a a a a a a t c a a g a g a g a a a c g t t t c g c t a a t a a a t a a t 3'
-fMet - met - asn - glu - gln - lys - asn - gln - glu - arg - asn - val - ser - leu - ile - asn - asn -
-fMet - fMet - ser - lys - lys - ile - lys - arg - glu - thr - phe - arg -
ir yobF_yebO+
[###> orf 12 codons
sd
ir yobF_yebO+
{----------} sd-(9)-ir 1906024 Gap 2.3 bits
|----------| sd-ir 1906024 yobF_yebO+ total 11.9 bits
{----------} sd-(13)-ir 1906028 Gap 4.6 bits
|----------| sd-ir 1906028 yobF_yebO+ total 9.1 bits
*1906080 *1906090 *1906100 *1906110 *1906120 *1906130 *1906140 *1906150
5' a c c a c g c t t a a t c a c a a a t c c g a t g t a a a c a t c c t a a t a a a t t a a t g g g g t a a a t a t c t t t t t c t g a t a t c c c g t t a c g c a 3'
- thr - thr - leu - asn - his - lys - ser - asp - val - asn - ile - leu - ile - asn -
-fMet - fMet - gly -
[###> orf 31 codons
p35 4.8 bits
{---------- ... p35-(26)-p10 1
|---------- ... p35-p10 190615
*1906160 *1906170 *1906180 *1906190 *1906200 *1906210 *1906220 *1906230
5' a a t a a a t a a t a t g a t a a t t a t t t g a a g t c a g a c c a g a g t t t a a t t t g a a g c a g t t g c a c c a t g a c a g t g c g t a t a a t c a g 3'
-fMet - lys - ser - asp - gln - ser - phe - asn - leu - lys - gln - leu - his - his - asp - ser - ala - tyr - asn - gln -
-fMet - ile - ile - ile - fMet - thr - val - arg - ile - ile - arg -
p10 4.6 bits
sd
ir yobF_yebO+
... ----------} p35-(26)-p10 1906158 Gap 3.7 bits
... ----------| p35-p10 1906158 total 5.6 bits
{----------} sd-(11)-ir 1906214 Gap 3.0 bits
|----------| sd-ir 1906214 yobF_yebO+ total 7.6 bits
p35 1.7 bits
p10 4.5 bits
{----------} p35-(23)-p10 1906193 Gap 1.4 bits
|----------| p35-p10 1906193 total 4.8 bits
*1906240 *1906250 *1906260 *1906270 *1906280 *1906290 *1906300
5' g a t g a a t t g a g t a a c c c t t c a a c g a c g g g g t t a c t c a a g a t t g a g g a a g g a t t a t c g t t c g g c g a c c a g a c 3'
- asp - glu - leu - ser - asn - pro - ser - thr - thr - gly - leu - leu - lys - ile - glu - glu - gly - leu - ser - phe - gly - asp - gln -
- met - asn - -fMet - arg - lys - asp - tyr - arg - ser - ala - thr - arg -
[###> orf 10 codons
<---------- ... NC_000913.yebO