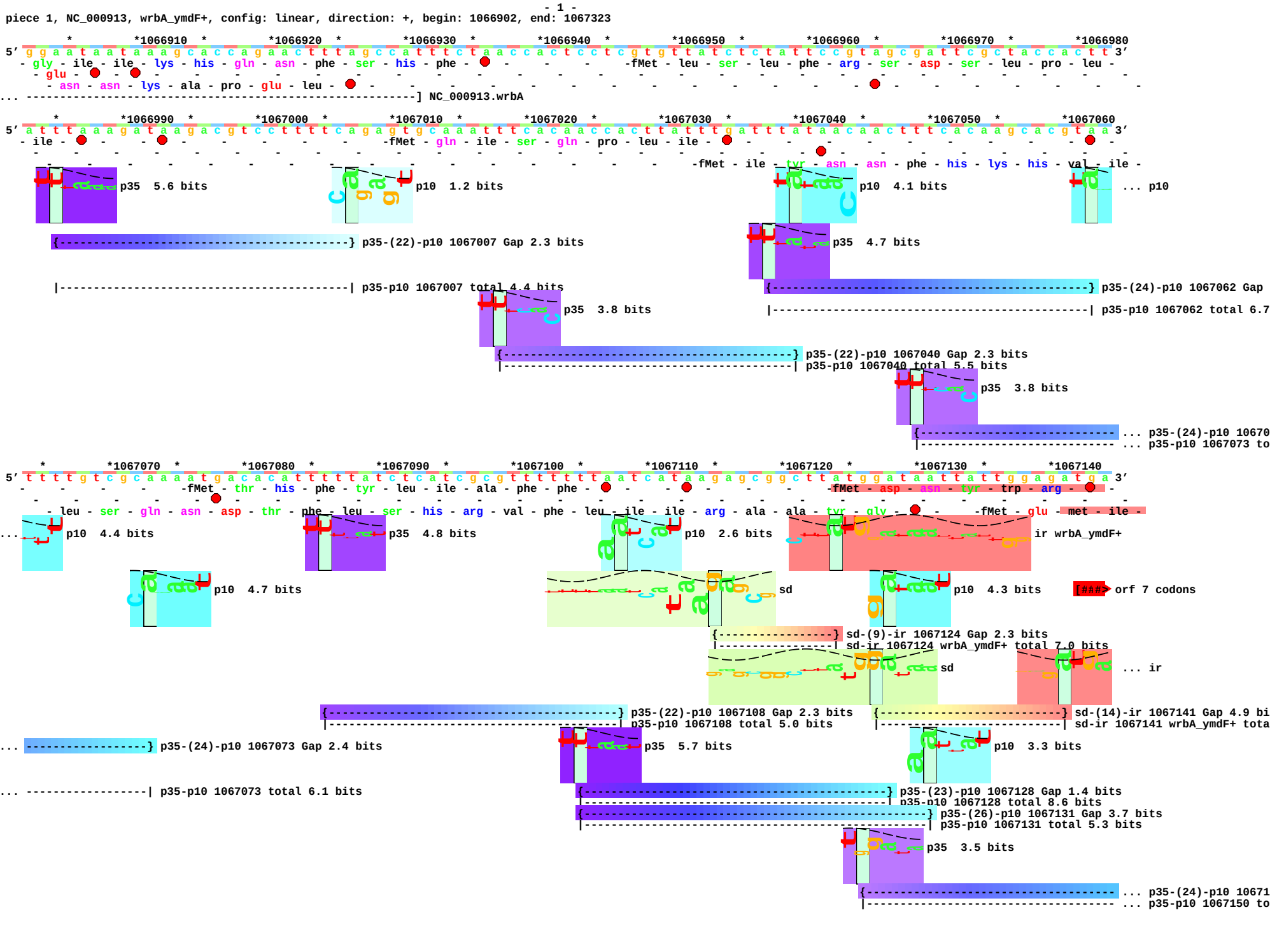
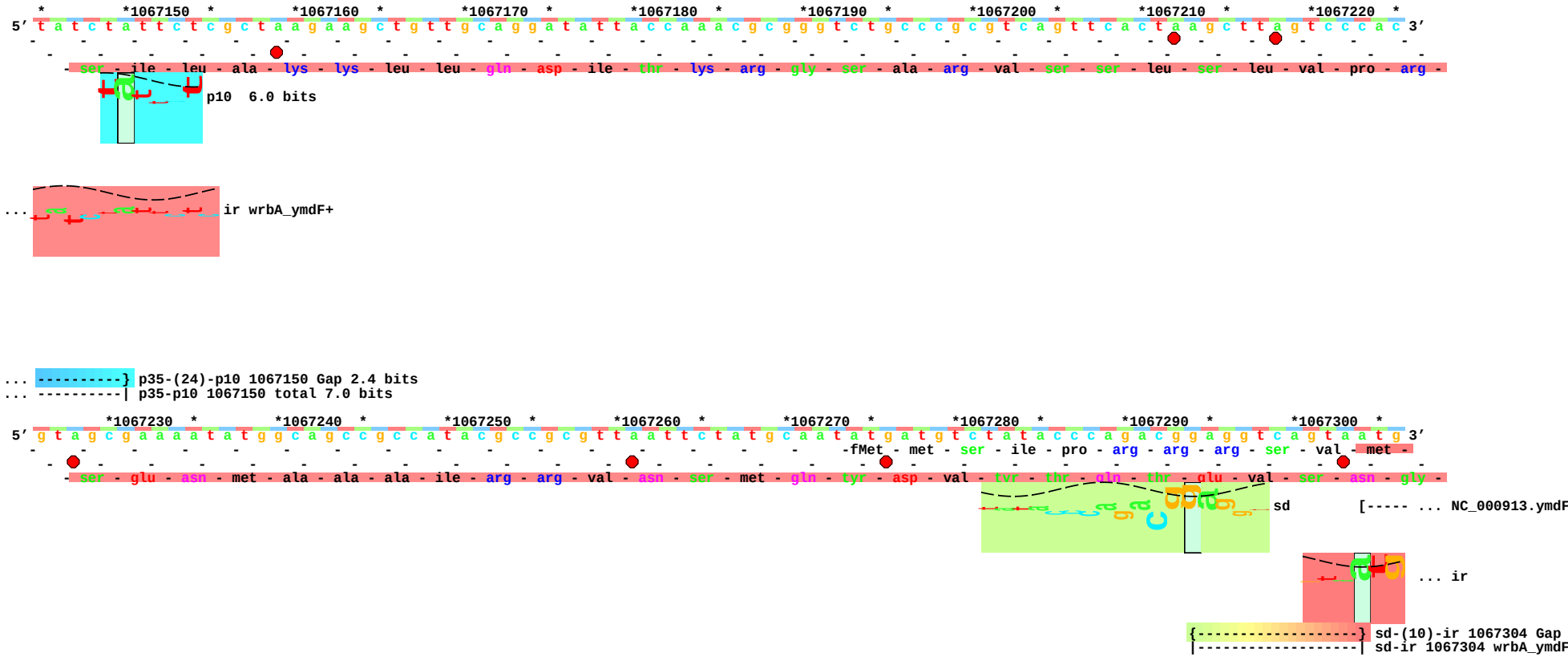

piece 1, NC_000913, wrbA_ymdF+, config: linear, direction: +, begin: 1066902, end: 1067323
*1066910 *1066920 *1066930 *1066940 *1066950 *1066960 *1066970 *1066980
5' g g a a t a a t a a a g c a c c a g a a c t t t a g c c a t t t c t a a c c a c t c c t c g t g t t a t c t c t a t t c c g t a g c g a t t c g c t a c c a c t t 3'
- gly - ile - ile - lys - his - gln - asn - phe - ser - his - phe - fMet - leu - ser - leu - phe - arg - ser - asp - ser - leu - pro - leu -
- glu -
- asn - asn - lys - ala - pro - glu - leu -
...] NC_000913.wrbA
*1066990 *1067000 *1067010 *1067020 *1067030 *1067040 *1067050 *1067060
5' a t t t a a a g a t a a g a c g t c c t t t t c a g a g t g c a a a t t t c a c a a c c a c t t a t t t g a t t t a t a a c a a c t t t c a c a a g c a c g t a a 3'
- ile - fMet - gln - ile - ser - gln - pro - leu - ile - fMet - ile - tyr - asn - asn - phe - his - lys - his - val - ile -
p35 5.6 bits
p10 1.2 bits
p10 4.1 bits
... p10
} p35-(22)-p10 1067007 Gap 2.3 bits
p35 4.7 bits
| p35-p10 1067007 total 4.4 bits
} p35-(24)-p10 1067062 Gap
p35 3.8 bits
| p35-p10 1067062 total 6.7
} p35-(22)-p10 1067040 Gap 2.3 bits
| p35-p10 1067040 total 5.5 bits
p35 3.8 bits
... p35-(24)-p10 10670
... p35-p10 1067073 to
*1067070 *1067080 *1067090 *1067100 *1067110 *1067120 *1067130 *1067140
5' t t t t g t c g c a a a a t g a c a c a t t t t t a t c t c a t c g c g t t t t t t t a a t c a t a a g a g c g g c t t a t g g a t a a t t a t t g g a g a t g a 3'
- fMet - thr - his - phe - tyr - leu - ile - ala - phe - phe - fMet - asp - asn - tyr - trp - arg -
- leu - ser - gln - asn - asp - thr - phe - leu - ser - his - arg - val - phe - leu - ile - ile - arg - ala - ala - tyr - gly - fMet - glu - met - ile -
... p10 4.4 bits
p35 4.8 bits
p10 2.6 bits
ir wrbA_ymdF+
p10 4.7 bits
sd
p10 4.3 bits
orf 7 codons
} sd-(9)-ir 1067124 Gap 2.3 bits
| sd-ir 1067124 wrbA_ymdF+ total 7.0 bits
sd
... ir
} p35-(22)-p10 1067108 Gap 2.3 bits
| p35-p10 1067108 total 5.0 bits
} sd-(14)-ir 1067141 Gap 4.9 bi
| sd-ir 1067141 wrbA_ymdF+ tota
... } p35-(24)-p10 1067073 Gap 2.4 bits
p35 5.7 bits
p10 3.3 bits
... | p35-p10 1067073 total 6.1 bits
} p35-(23)-p10 1067128 Gap 1.4 bits
| p35-p10 1067128 total 8.6 bits
} p35-(26)-p10 1067131 Gap 3.7 bits
| p35-p10 1067131 total 5.3 bits
p35 3.5 bits
... p35-(24)-p10 10671
... p35-p10 1067150 to


*1067150 *1067160 *1067170 *1067180 *1067190 *1067200 *1067210 *1067220
5′ t a t c t a t t c t c g c t a a g a a g c t g t t g c a g g a t a t t a c c a a a c g c g g g t c t g c c c g c g t c a g t t c a c t a a g c t t a g t c c c a c 3′
- ser - ile - leu - ala - lys - lys - leu - leu - gln - asp - ile - thr - lys - arg - gly - ser - ala - arg - val - ser - ser - leu - ser - leu - val - pro - arg -
p10 6.0 bits
... ir wrbA_ymdF+
... ---------- } p35-(24)-p10 1067150 Gap 2.4 bits
... ---------- | p35-p10 1067150 total 7.0 bits
*1067230 *1067240 *1067250 *1067260 *1067270 *1067280 *1067290 *1067300
5′ g t a g c g a a a a t a t g g c a g c c g c c a t a c g c c g c g t t a a t t c t a t g c a a t a t g a t g t c t a t a c c c a g a c g g a g g t c a g t a a t g 3′
-fMet - met - ser - ile - pro - arg - arg - arg - ser - val - met -
- ser - glu - asn - met - ala - ala - ala - ile - arg - arg - val - asn - ser - met - gln - tyr - asp - val - tyr - thr - gln - thr - glu - val - ser - asn - gly -
sd [----- ... NC_000913.ymdF
... ir
{------------------} sd-(10)-ir 1067304 Gap
|------------------| sd-ir 1067304 wrbA_ymdF
*1067310 *1067320
5′ g c a a a c c a t c g a g g c g g 3′
- ala - asn - his - arg - gly -
- lys - pro - ser - arg - arg -
... ---------- ... NC_000913.ymdF
... ir wrbA_ymdF+