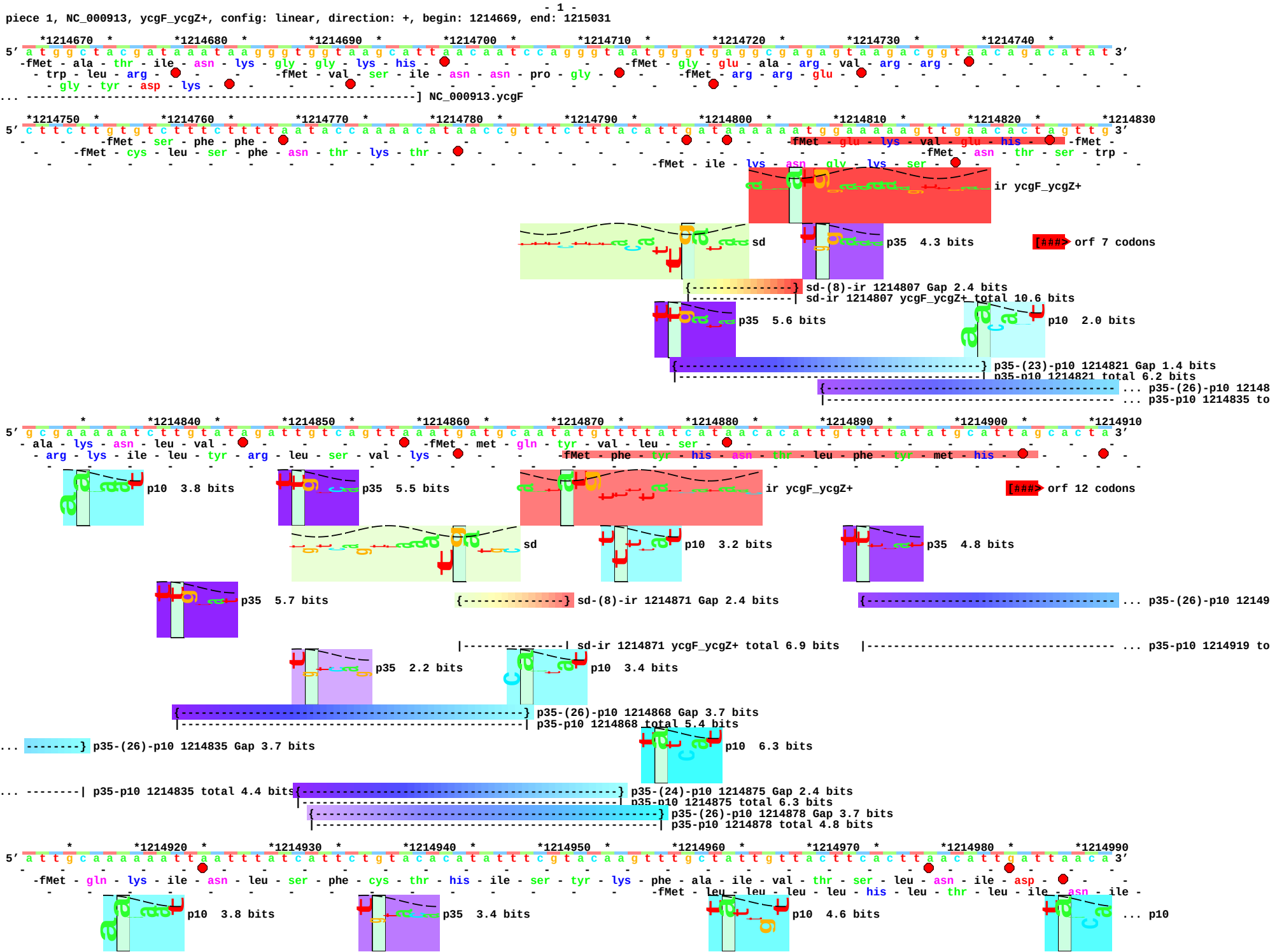
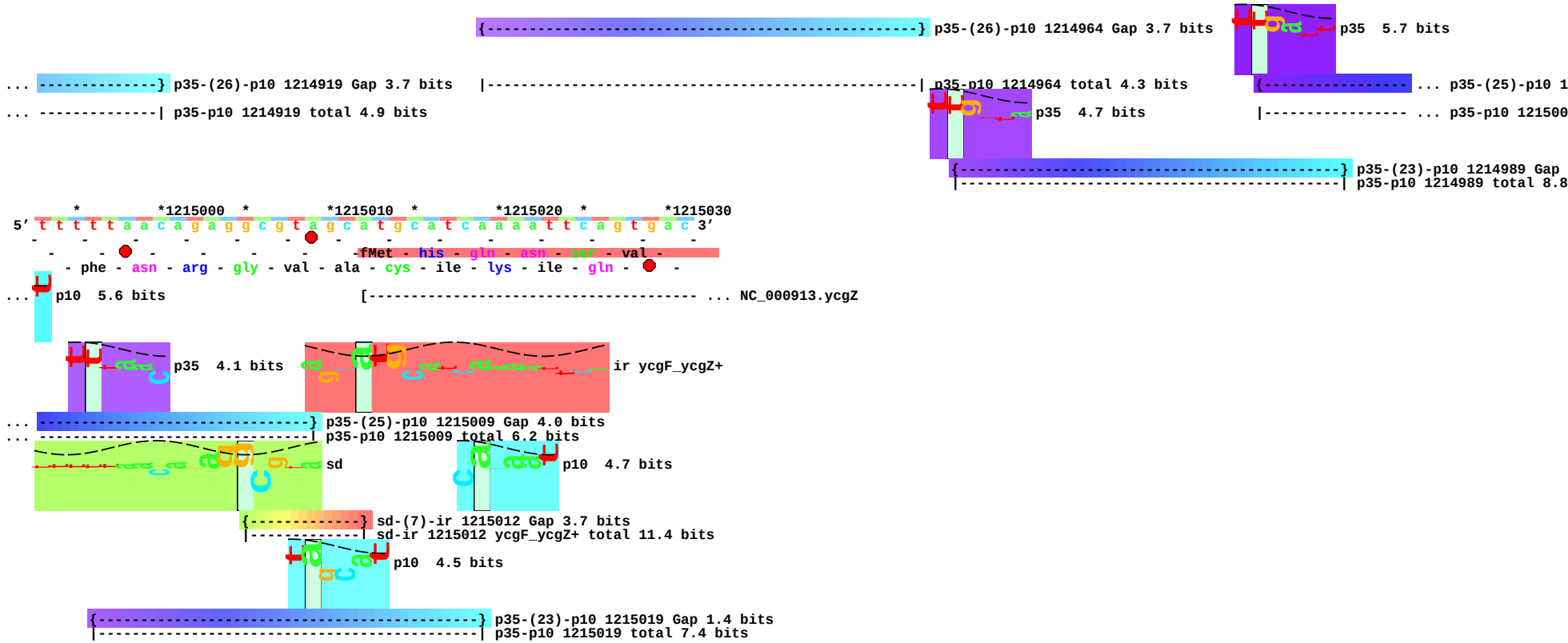

piece 1, NC_000913, ycgF_ycgZ+, config: linear, direction: +, begin: 1214669, end: 1215031
*1214670 *1214680 *1214690 *1214700 *1214710 *1214720 *1214730 *1214740
5′ a t g g c t a c g a t a a a t a a g g g t g g t a a g c a t t a a c a a t c c a g g g t a a t g g g t g a g g c g a g a g t a a g a c g g t a a c a g a c a t a t 3′
-fMet - ala - thr - ile - asn - lys - gly - gly - lys - his - -fMet - gly - glu - ala - arg - val - arg - arg -
- trp - leu - arg - -fMet - val - ser - ile - asn - asn - pro - gly - -fMet - arg - arg - glu -
- gly - tyr - asp - lys -
...] NC_000913.ycgF
*1214750 *1214760 *1214770 *1214780 *1214790 *1214800 *1214810 *1214820 *1214830
5′ c t t c t t g t g t c t t t c t t t t a a t a c c a a a a c a t a a c c g t t t c t t t a c a t t g a t a a a a a t g g a a a a a g t t g a a c a c t a g t t g 3′
-fMet - ser - phe - phe - -fMet - glu - lys - val - glu - his - -fMet -
-fMet - cys - leu - ser - phe - asn - thr - lys - thr - -fMet - asn - thr - ser - trp -
-fMet - ile - lys - asn - gly - lys - ser -
ir ycgF_ycgZ+
sd p35 4.3 bits [###> orf 7 codons
} sd-(8)-ir 1214807 Gap 2.4 bits
| sd-ir 1214807 ycgF_ycgZ+ total 10.6 bits
p35 5.6 bits p10 2.0 bits
} p35-(23)-p10 1214821 Gap 1.4 bits
| p35-p10 1214821 total 6.2 bits
} ... p35-(26)-p10 12148
| ... p35-p10 1214835 to
*1214840 *1214850 *1214860 *1214870 *1214880 *1214890 *1214900 *1214910
5′ g c g a a a a a t c t t g t a t a g a t t g t c a g t t a a a t g a t g c a a t a t g t t t t a t c a t a a c a c a t t g t t t t a t g c a t t a g c a c t a 3′
- ala - lys - asn - leu - val - -fMet - met - gln - tyr - val - leu - ser -
- arg - lys - ile - leu - tyr - arg - leu - ser - val - lys - -fMet - phe - tyr - his - asn - thr - leu - phe - tyr - met - his -
p10 3.8 bits p35 5.5 bits ir ycgF_ycgZ+ [###> orf 12 codons
sd p10 3.2 bits p35 4.8 bits
p35 5.7 bits } sd-(8)-ir 1214871 Gap 2.4 bits } ... p35-(26)-p10 12149
| sd-ir 1214871 ycgF_ycgZ+ total 6.9 bits | ... p35-p10 1214919 to
p35 2.2 bits p10 3.4 bits
} p35-(26)-p10 1214868 Gap 3.7 bits
| p35-p10 1214868 total 5.4 bits
... --------} p35-(26)-p10 1214835 Gap 3.7 bits p10 6.3 bits
... --------| p35-p10 1214835 total 4.4 bits } p35-(24)-p10 1214875 Gap 2.4 bits
| p35-p10 1214875 total 6.3 bits
} p35-(26)-p10 1214878 Gap 3.7 bits
| p35-p10 1214878 total 4.8 bits
*1214920 *1214930 *1214940 *1214950 *1214960 *1214970 *1214980 *1214990
5′ a t t g c a a a a a a t t a a t t t a t c a t t c t g t a c a c a t a t t t c g t a c a a g t t t g c t a t t g t t a c t t c a c t t a a c a t t g a t t a a c a 3′
-fMet - gln - lys - ile - asn - leu - ser - phe - cys - thr - his - ile - ser - tyr - lys - phe - ala - ile - val - thr - ser - leu - asn - ile - asp -
-fMet - leu - leu - leu - leu - his - leu - thr - leu - ile - asn - ile -
p10 3.8 bits p35 3.4 bits p10 4.6 bits ... p10


p35-(26)-p10 1214964 Gap 3.7 bits
p35 5.7 bits
p35-(26)-p10 1214919 Gap 3.7 bits
p35-p10 1214964 total 4.3 bits
p35-(25)-p10 1
p35-p10 1214919 total 4.9 bits
p35 4.7 bits
p35-(23)-p10 1214989 Gap
p35-p10 1214989 total 8.8
*1215000
*1215010
*1215020
*1215030
5’ t t t t t a a c a g a g g c g t a g c a t g c a t c a a a a t t c a g t g a c 3’
fMet - his - gln - asn - ser - val -
- phe - asn - arg - gly - val - ala - cys - ile - lys - ile - gln -
p10 5.6 bits
NC_000913.ycgZ
p35 4.1 bits
ir ycgF_ycgZ+
p35-(25)-p10 1215009 Gap 4.0 bits
p35-p10 1215009 total 6.2 bits
sd
p10 4.7 bits
sd-(7)-ir 1215012 Gap 3.7 bits
sd-ir 1215012 ycgF_ycgZ+ total 11.4 bits
p10 4.5 bits
p35-(23)-p10 1215019 Gap 1.4 bits
p35-p10 1215019 total 7.4 bits