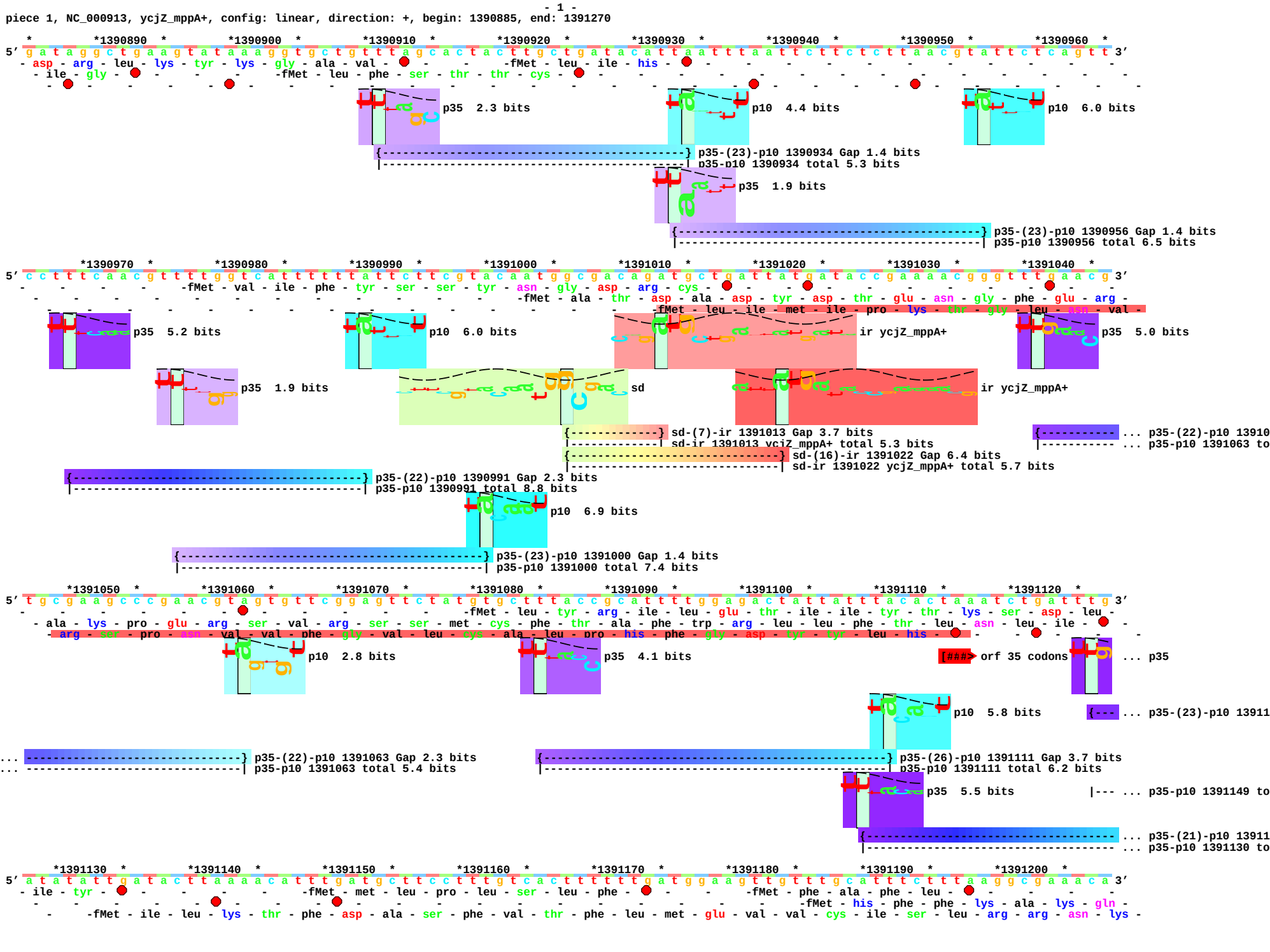
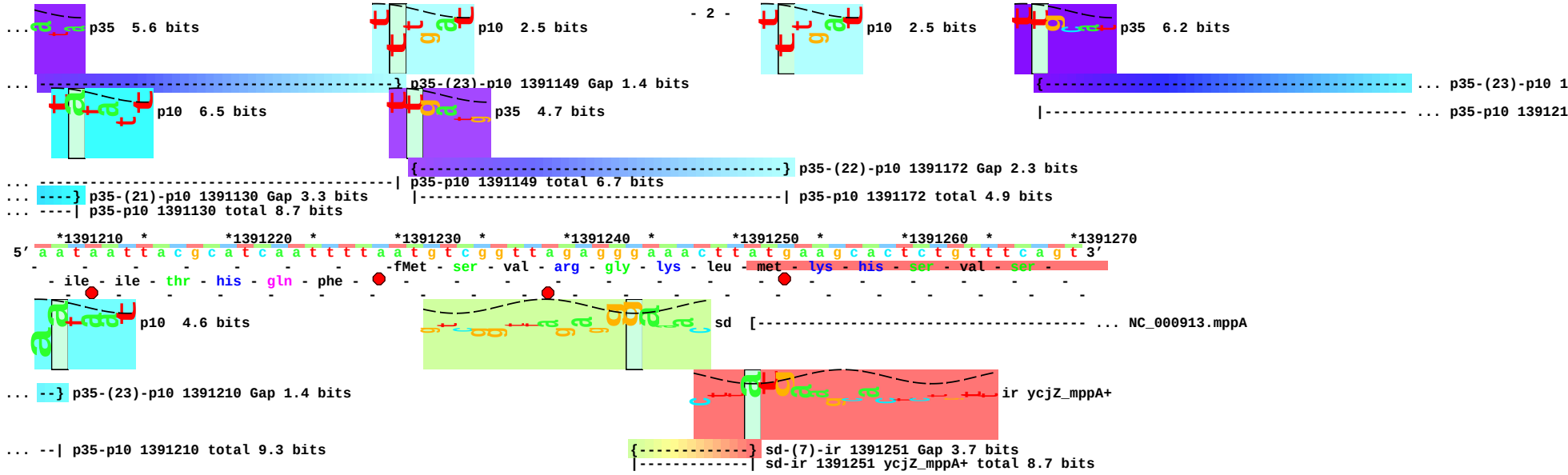

piece 1, NC_000913, ycjZ_mppA+, config: linear, direction: +, begin: 1390885, end: 1391270
*1390890 *1390900 *1390910 *1390920 *1390930 *1390940 *1390950 *1390960
5′ g a t a g g c t g a a g t a t a a a g g t g c t g t t t a g c a c t a c t t g c t g a t a c a t t a a t t t a a t t c t t c t c t t a a c g t a t t c t c a g t t 3′
- asp - arg - leu - lys - tyr - lys - gly - ala - val - -fMet - leu - ile - his -
- ile - gly - -fMet - leu - phe - ser - thr - thr - cys -
p35 2.3 bits
p10 4.4 bits
p10 6.0 bits
{} p35-(23)-p10 1390934 Gap 1.4 bits
| p35-p10 1390934 total 5.3 bits
p35 1.9 bits
{} p35-(23)-p10 1390956 Gap 1.4 bits
| p35-p10 1390956 total 6.5 bits
*1390970 *1390980 *1390990 *1391000 *1391010 *1391020 *1391030 *1391040
5′ c c t t t c a a c g t t t t g g t c a t t t t t t a t t c t t c g t a c a a t g g c g a c a g a t g c t g a t t a t g a t a c c g a a a a c g g g t t t g a a c g 3′
-fMet - val - ile - phe - tyr - ser - ser - tyr - asn - gly - asp - arg - cys -
-fMet - ala - thr - asp - ala - asp - tyr - asp - thr - glu - asn - gly - phe - glu - arg -
fMet - leu - ile - met - ile - pro - lys - thr - gly - leu - asn - val -
p35 5.2 bits
p10 6.0 bits
ir ycjZ_mppA+
p35 5.0 bits
p35 1.9 bits
sd
ir ycjZ_mppA+
{} sd-(7)-ir 1391013 Gap 3.7 bits
| sd-ir 1391013 ycjZ_mppA+ total 5.3 bits
{} sd-(16)-ir 1391022 Gap 6.4 bits
| sd-ir 1391022 ycjZ_mppA+ total 5.7 bits
{} p35-(22)-p10 1390991 Gap 2.3 bits
| p35-p10 1390991 total 8.8 bits
p10 6.9 bits
{} p35-(23)-p10 1391000 Gap 1.4 bits
| p35-p10 1391000 total 7.4 bits
*1391050 *1391060 *1391070 *1391080 *1391090 *1391100 *1391110 *1391120
5′ t g c g a a g c c c g a a c g t a g t g t t c g g a g t t c t a t g t g c t t t a c c g c a t t t t g g a g a c t a t t a t t t a c a c t a a a t c t g a t t t g 3′
-fMet - leu - tyr - arg - ile - leu - glu - thr - ile - ile - leu - tyr - thr - lys - ser - asp - leu -
- ala - lys - pro - glu - arg - ser - val - arg - ser - ser - met - cys - phe - thr - ala - phe - trp - arg - leu - leu - phe - thr - leu - asn - leu - ile -
- arg - ser - pro - asn - val - val - phe - gly - val - leu - cys - ala - leu - pro - his - phe - gly - asp - tyr - tyr - leu - his -
p10 2.8 bits
p35 4.1 bits
[###> orf 35 codons
... p35
p10 5.8 bits
{--- ... p35-(23)-p10 13911
... } p35-(22)-p10 1391063 Gap 2.3 bits
... | p35-p10 1391063 total 5.4 bits
{} p35-(26)-p10 1391111 Gap 3.7 bits
| p35-p10 1391111 total 6.2 bits
p35 5.5 bits
|--- ... p35-p10 1391149 to
... p35-(21)-p10 13911
... p35-p10 1391130 to
*1391130 *1391140 *1391150 *1391160 *1391170 *1391180 *1391190 *1391200
5′ a t a t a t t g a t a c t t a a a a c a t t t g a t g c t t c c t t t g t c a c t t t t t t g a t g g a a g t t g t t t g c a t t t c t t t a a g g c g a a a c a 3′
- ile - tyr - -fMet - met - leu - pro - leu - ser - leu - phe - -fMet - phe - ala - phe - leu -
-fMet - his - phe - phe - lys - ala - lys - gln -
-fMet - ile - leu - lys - thr - phe - asp - ala - ser - phe - val - thr - phe - leu - met - glu - val - val - cys - ile - ser - leu - arg - arg - asn - lys -


... p35 5.6 bits
p10 2.5 bits
p10 2.5 bits
p35 6.2 bits
... } p35-(23)-p10 1391149 Gap 1.4 bits
{ ... p35-(23)-p10 1
p10 6.5 bits
p35 4.7 bits
| ... p35-p10 139121
{ } p35-(22)-p10 1391172 Gap 2.3 bits
... | p35-p10 1391149 total 6.7 bits
... } p35-(21)-p10 1391130 Gap 3.3 bits
| p35-p10 1391172 total 4.9 bits
... | p35-p10 1391130 total 8.7 bits
*1391210
*1391220
*1391230
*1391240
*1391250
*1391260
*1391270
5' a a t a a t t a c g c a t c a a t t t t a a t g t c g g t t a g a g g g a a a c t t a t g a a g c a c t c t g t t t c a g t 3'
-fMet - ser - val - arg - gly - lys - leu - met - lys - his - ser - val - ser -
- ile - ile - thr - his - gln - phe -
p10 4.6 bits
sd [... NC_000913.mppA
... } p35-(23)-p10 1391210 Gap 1.4 bits
ir ycjZ_mppA+
... | p35-p10 1391210 total 9.3 bits
{ } sd-(7)-ir 1391251 Gap 3.7 bits
| sd-ir 1391251 ycjZ_mppA+ total 8.7 bits