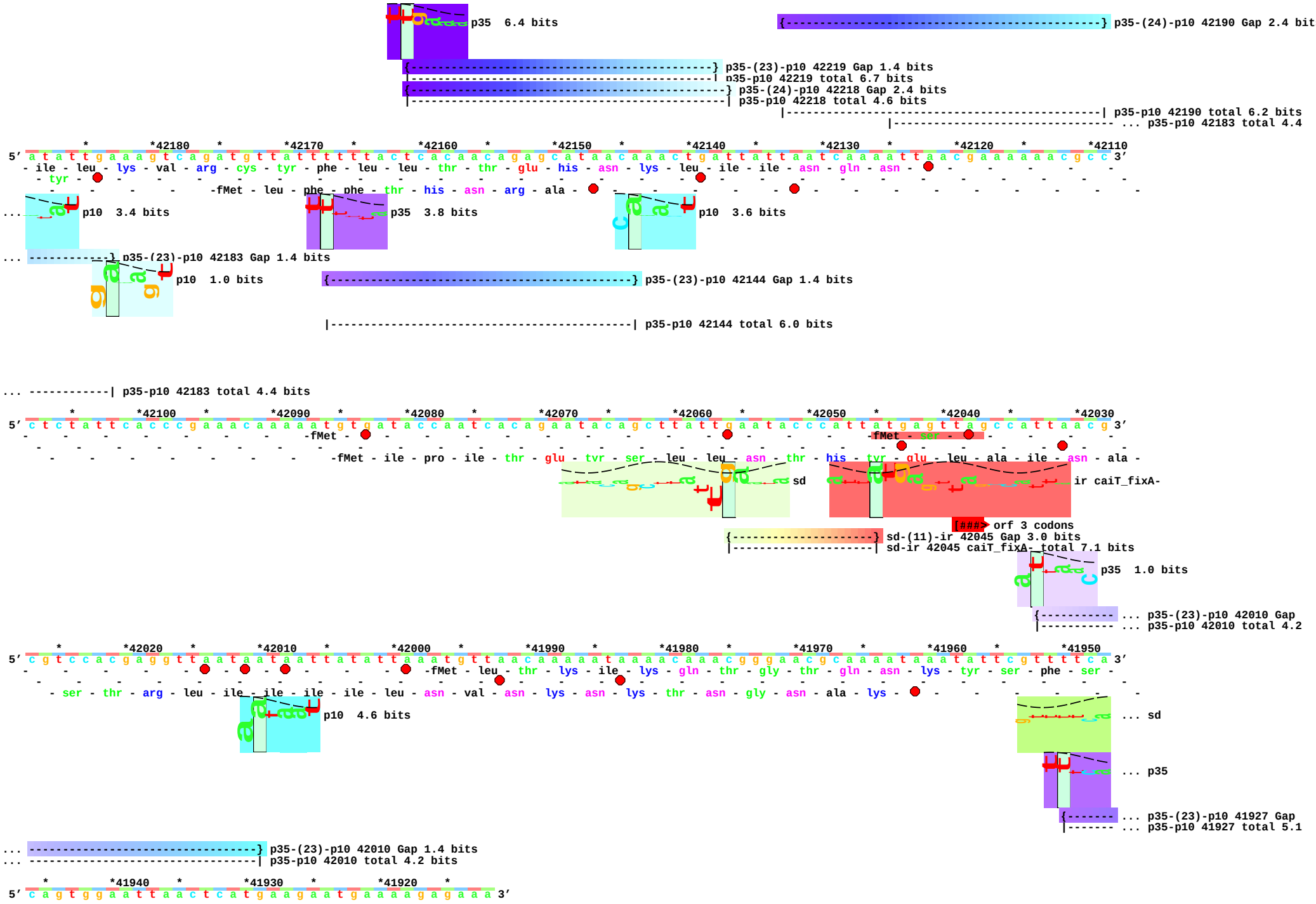
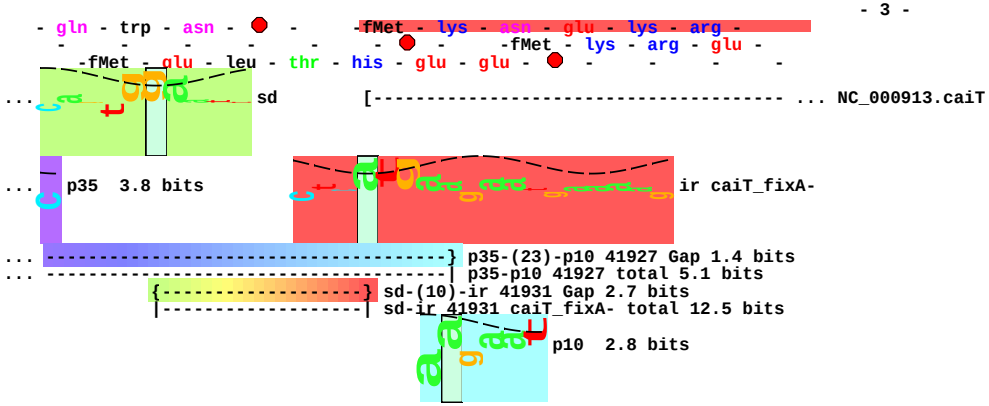
piece 1, NC_000913, caiT_fixA-, config: linear, direction: -, begin: 42432, end: 41912


p35 6.4 bits
p35-(24)-p10 42190 Gap 2.4 bit
p35-(23)-p10 42219 Gap 1.4 bits
p35-p10 42219 total 6.7 bits
p35-(24)-p10 42218 Gap 2.4 bits
p35-p10 42218 total 4.6 bits
p35-p10 42190 total 6.2 bits
... p35-p10 42183 total 4.4
5′ a t a t t g a a a g t c a g a t g t t a t t t t t t a c t c a c a a c a g a g c a t a a c a a a c t g a t t a t t a a t c a a a a t t a a c g a a a a a a c g c c 3′
- ile - leu - lys - val - arg - cys - tyr - phe - leu - leu - thr - thr - glu - his - asn - lys - leu - ile - ile - asn - gln - asn -
- tyr -
-fMet - leu - phe - phe - thr - his - asn - arg - ala -
... p10 3.4 bits
p35 3.8 bits
p10 3.6 bits
... p35-(23)-p10 42183 Gap 1.4 bits
p10 1.0 bits
p35-(23)-p10 42144 Gap 1.4 bits
p35-p10 42144 total 6.0 bits
... p35-p10 42183 total 4.4 bits
5′ c t c t a t t c a c c c g a a a c a a a a a t g t g a t a c c a a t c a c a g a a t a c a g c t t a t t g a a t a c c c a t t a t g a g t t a g c c a t t a a c g 3′
-fMet -
-fMet - ile - pro - ile - thr - glu - tyr - ser - leu - leu - asn - thr - his - tyr - glu - leu - ala - ile - asn - ala -
sd
ir caiT_fixA-
[###> orf 3 codons
sd-(11)-ir 42045 Gap 3.0 bits
sd-ir 42045 caiT_fixA- total 7.1 bits
p35 1.0 bits
... p35-(23)-p10 42010 Gap
... p35-p10 42010 total 4.2
5′ c g t c c a c g a g g t t a a t a a t a a t t a t a t t a a a t g t t a a c a a a a a t a a a a c a a a c g g g a a c g c a a a a t a a a t a t t c g t t t t c a 3′
-fMet - leu - thr - lys - ile - lys - gln - thr - gly - thr - gln - asn - lys - tyr - ser - phe - ser -
- ser - thr - arg - leu - ile - ile - ile - ile - leu - asn - val - asn - lys - asn - lys - thr - asn - gly - asn - ala - lys -
p10 4.6 bits
... sd
... p35
... p35-(23)-p10 41927 Gap
... p35-p10 41927 total 5.1
... p35-(23)-p10 42010 Gap 1.4 bits
... p35-p10 42010 total 4.2 bits
5′ c a g t g g a a t t a a c t c a t g a a g a a t g a a a a a g a g a a a 3′


- gln - trp - asn - - - -fMet - lys - asn - glu - lys - arg -
- - - - - - - - - -fMet - lys - arg - glu -
-fMet - glu - leu - thr - his - glu - glu - - - - -
... sd [---------- ... NC_000913.caiT
... p35 3.8 bits ir caiT_fixA-
... ----------} p35-(23)-p10 41927 Gap 1.4 bits
... ----------| p35-p10 41927 total 5.1 bits
{----------} sd-(10)-ir 41931 Gap 2.7 bits
|----------| sd-ir 41931 caiT_fixA- total 12.5 bits
p10 2.8 bits