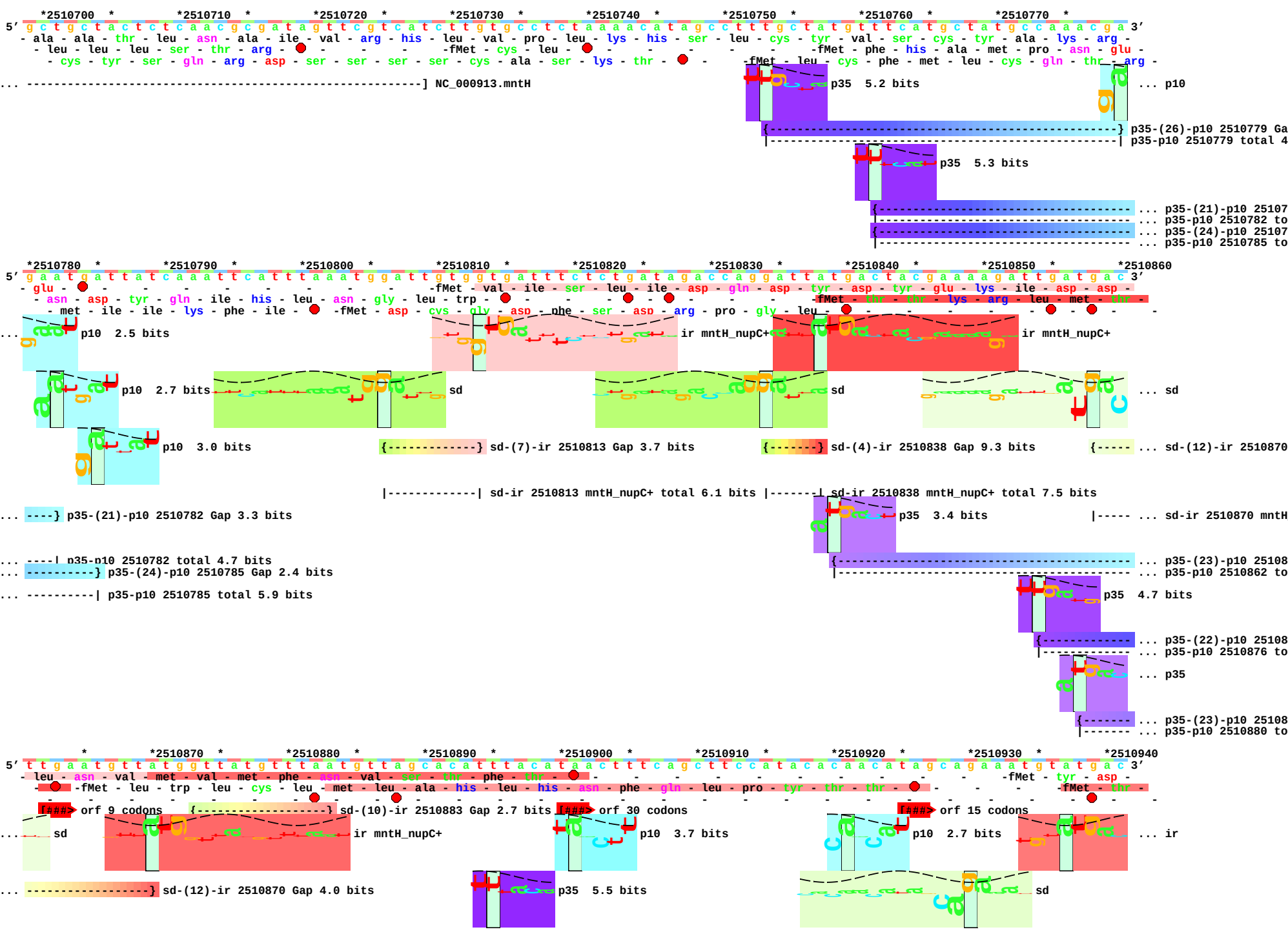
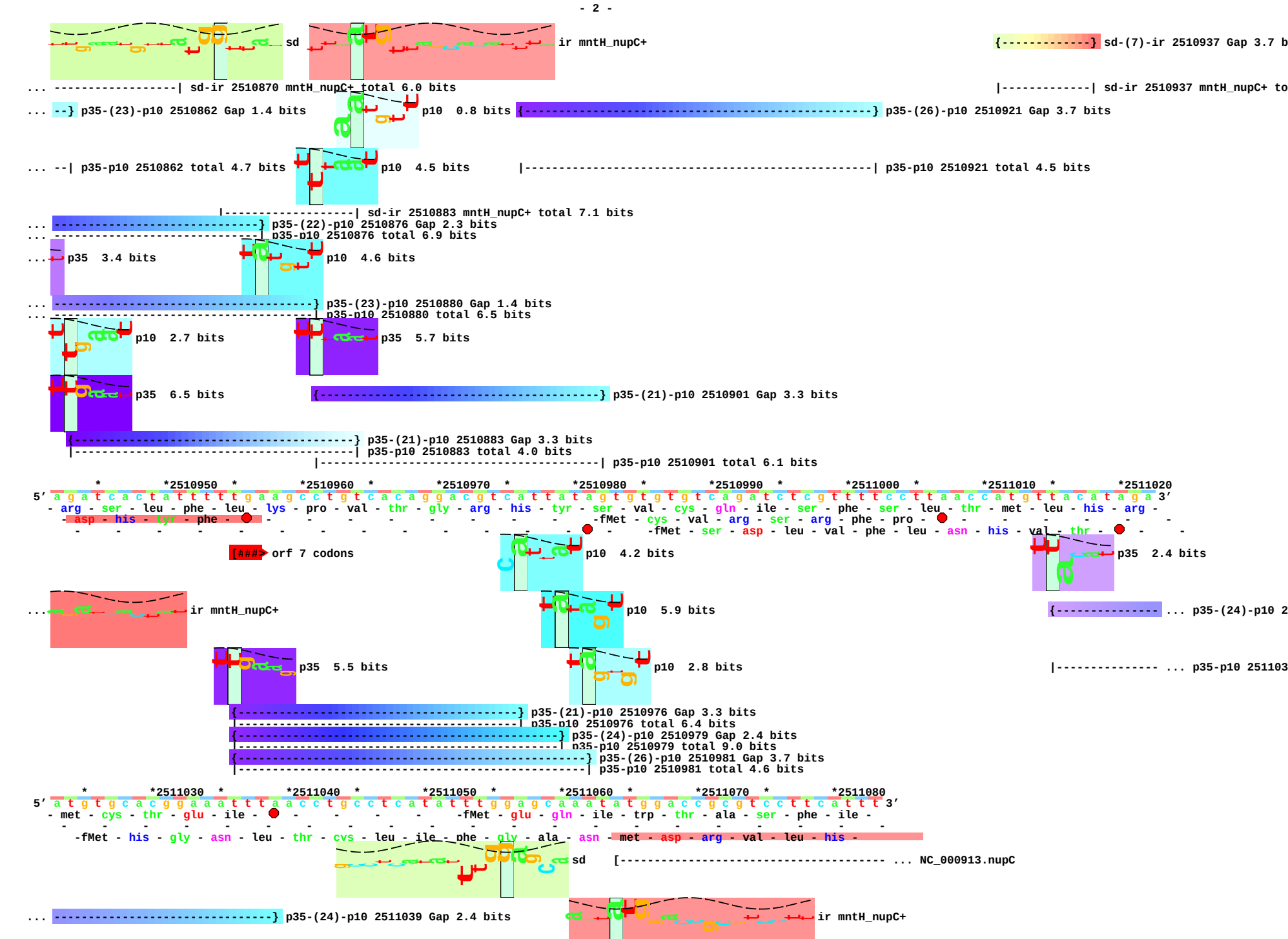
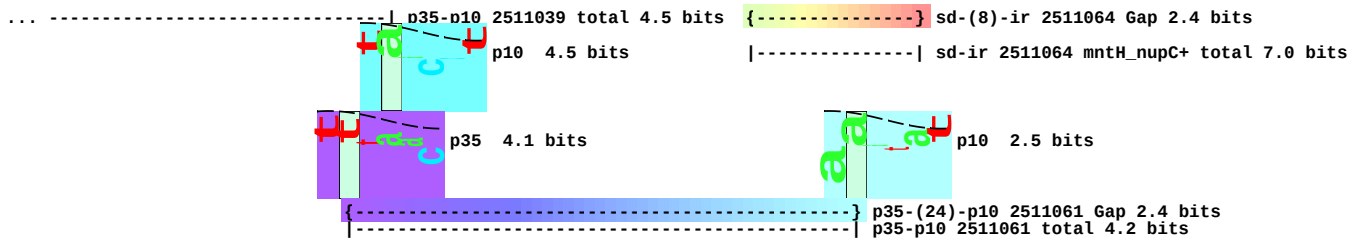
piece 1, NC_000913, mntH_nupC+, config: linear, direction: +, begin: 2510699, end: 2511083




sd
ir mntH_nupC+
{----------} sd-(7)-ir 2510937 Gap 3.7 b
... ----------| sd-ir 2510870 mntH_nupC+ total 6.0 bits
|----------| sd-ir 2510937 mntH_nupC+ to
... --} p35-(23)-p10 2510862 Gap 1.4 bits
p10 0.8 bits
{----------} p35-(26)-p10 2510921 Gap 3.7 bits
... --| p35-p10 2510862 total 4.7 bits
p10 4.5 bits
|----------| p35-p10 2510921 total 4.5 bits
|----------| sd-ir 2510883 mntH_nupC+ total 7.1 bits
... ----------} p35-(22)-p10 2510876 Gap 2.3 bits
... ----------| p35-p10 2510876 total 6.9 bits
... p35 3.4 bits
p10 4.6 bits
... ----------} p35-(23)-p10 2510880 Gap 1.4 bits
... ----------| p35-p10 2510880 total 6.5 bits
p10 2.7 bits
p35 5.7 bits
p35 6.5 bits
{----------} p35-(21)-p10 2510901 Gap 3.3 bits
{----------} p35-(21)-p10 2510883 Gap 3.3 bits
|----------| p35-p10 2510883 total 4.0 bits
|----------| p35-p10 2510901 total 6.1 bits
5′ a g a t c a c t a t t t t g a a g c c t g t c a c a g g a c g t c a t t a t a g t g t g t g t c a g a t c t c g t t t t c c t t a a c c a t g t t a c a t a g a 3′
- arg - ser - leu - phe - leu - lys - pro - val - thr - gly - arg - his - tyr - ser - val - cys - gln - ile - ser - phe - ser - leu - thr - met - leu - his - arg -
- asp - his - tyr - phe -
-fMet - cys - val - arg - ser - arg - phe - pro -
-fMet - ser - asp - leu - val - phe - leu - asn - his - val - thr -
[###> orf 7 codons
p10 4.2 bits
p35 2.4 bits
... ir mntH_nupC+
p10 5.9 bits
{---------- ... p35-(24)-p10 2
p35 5.5 bits
p10 2.8 bits
|---------- ... p35-p10 251103
{----------} p35-(21)-p10 2510976 Gap 3.3 bits
|----------| p35-p10 2510976 total 6.4 bits
{----------} p35-(24)-p10 2510979 Gap 2.4 bits
|----------| p35-p10 2510979 total 9.0 bits
{----------} p35-(26)-p10 2510981 Gap 3.7 bits
|----------| p35-p10 2510981 total 4.6 bits
5′ a t g t g c a c g g a a a t t t a a c c t g c c t c a t a t t t g g a g c a a a t a t g g a c c g c g t c c t t c a t t t 3′
- met - cys - thr - glu - ile -
-fMet - glu - gln - ile - trp - thr - ala - ser - phe - ile -
-fMet - his - gly - asn - leu - thr - cys - leu - ile - phe - gly - ala - asn - met - asp - arg - val - leu - his -
sd [---------- ... NC_000913.nupC
... ----------} p35-(24)-p10 2511039 Gap 2.4 bits
ir mntH_nupC+


... |-------------------------------| p35-p10 2511039 total 4.5 bits
{---------------} sd-(8)-ir 2511064 Gap 2.4 bits
p10 4.5 bits
|---------------| sd-ir 2511064 mntH_nupC+ total 7.0 bits
p35 4.1 bits
p10 2.5 bits
{---} p35-(24)-p10 2511061 Gap 2.4 bits
|---| p35-p10 2511061 total 4.2 bits