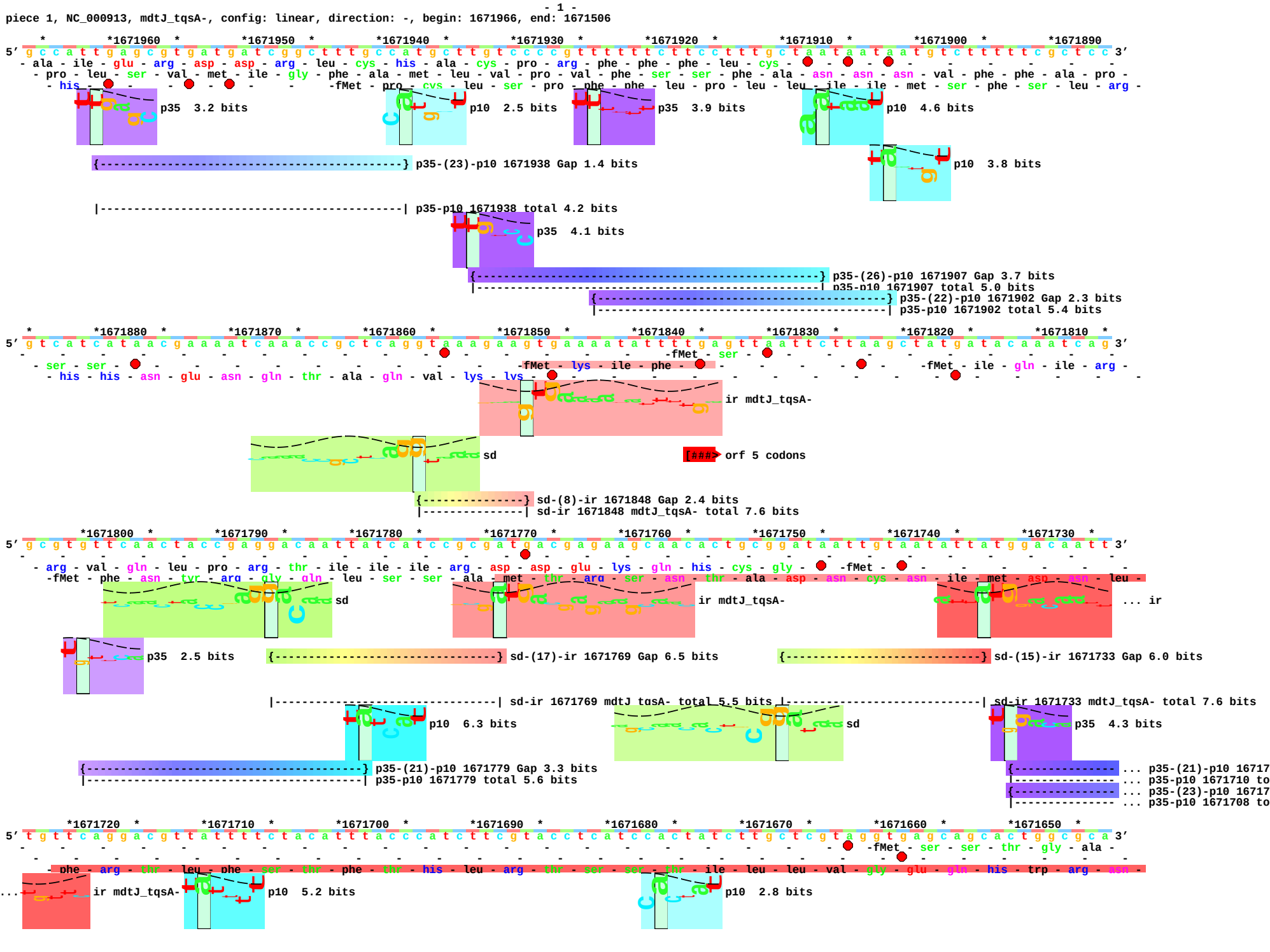
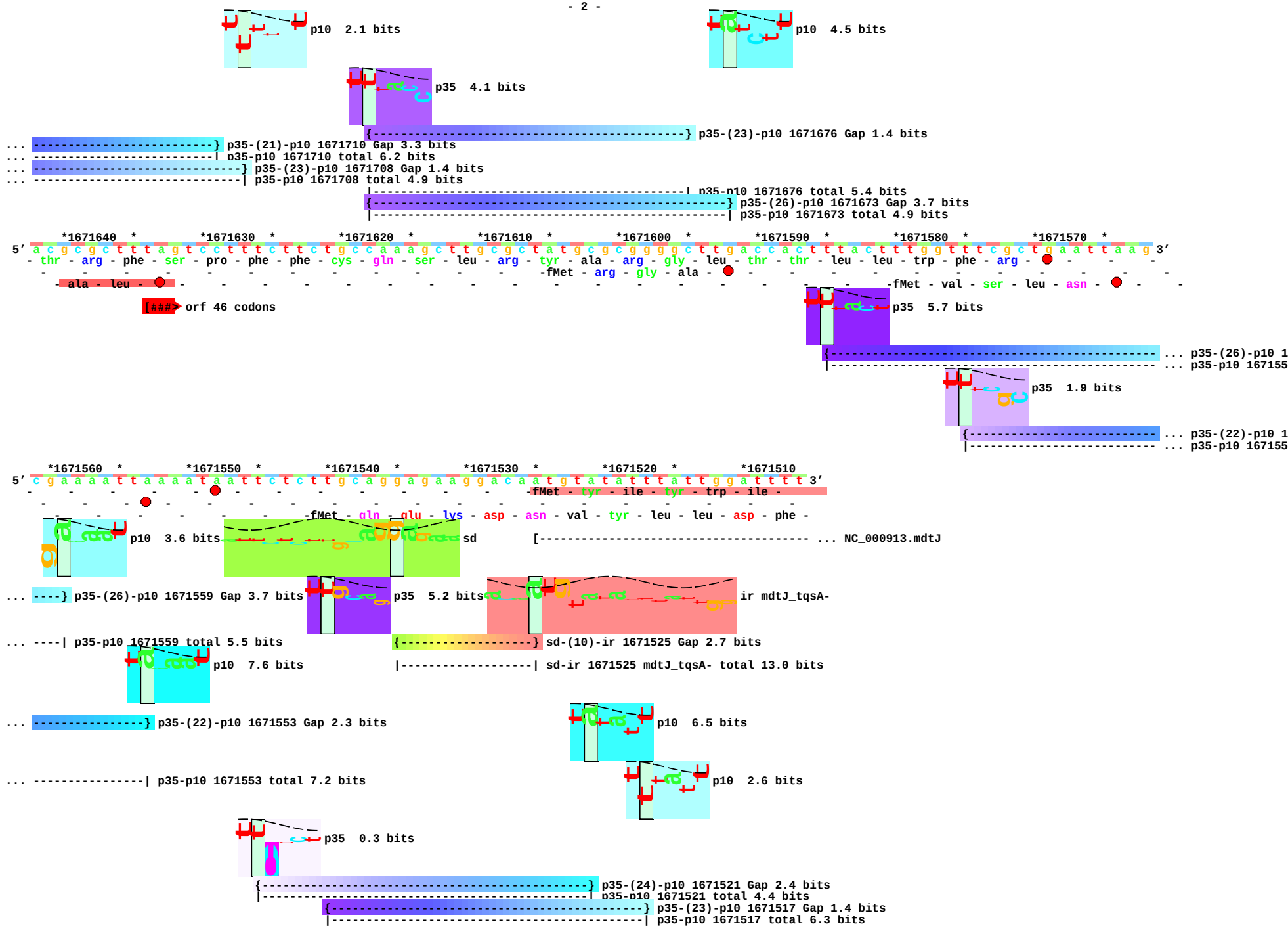
piece 1, NC_000913, mdtJ_tqsA-, config: linear, direction: -, begin: 1671966, end: 1671506




p10 2.1 bits
p10 4.5 bits
p35 4.1 bits
p35-(23)-p10 1671676 Gap 1.4 bits
p35-(21)-p10 1671710 Gap 3.3 bits
p35-p10 1671710 total 6.2 bits
p35-(23)-p10 1671708 Gap 1.4 bits
p35-p10 1671708 total 4.9 bits
p35-p10 1671676 total 5.4 bits
p35-(26)-p10 1671673 Gap 3.7 bits
p35-p10 1671673 total 4.9 bits
*1671640 *1671630 *1671620 *1671610 *1671600 *1671590 *1671580 *1671570 *
5′ a c g c g c t t t a g t c c t t t c t t c t g c c a a a g c t t g c g c t a t g c g c g g g g c t t g a c c a c t t t a c t t t g g t t t c g c t g a a t t a a g 3′
- thr - arg - phe - ser - pro - phe - phe - cys - gln - ser - leu - arg - tyr - ala - arg - gly - leu - thr - thr - leu - leu - trp - phe - arg -
-fMet - arg - gly - ala -
- ala - leu -
-fMet - val - ser - leu - asn -
[###> orf 46 codons
p35 5.7 bits
... p35-(26)-p10 1
... p35-p10 167155
p35 1.9 bits
... p35-(22)-p10 1
... p35-p10 167155
*1671560 *1671550 *1671540 *1671530 *1671520 *1671510
5′ c g a a a a t t a a a a t a a t t c t c t t g c a g g a g a a g g a c a a t g t a t a t t t a t t g g a t t t t 3′
-fMet - tyr - ile - tyr - trp - ile -
-fMet - gln - glu - lys - asp - asn - val - tyr - leu - leu - asp - phe -
p10 3.6 bits
sd
[------------------------------------ ... NC_000913.mdtJ
... ----} p35-(26)-p10 1671559 Gap 3.7 bits
p35 5.2 bits
ir mdtJ_tqsA-
... ----| p35-p10 1671559 total 5.5 bits
{------------------} sd-(10)-ir 1671525 Gap 2.7 bits
p10 7.6 bits
|------------------| sd-ir 1671525 mdtJ_tqsA- total 13.0 bits
... ----------------} p35-(22)-p10 1671553 Gap 2.3 bits
p10 6.5 bits
... ----------------| p35-p10 1671553 total 7.2 bits
p10 2.6 bits
p35 0.3 bits
p35-(24)-p10 1671521 Gap 2.4 bits
p35-p10 1671521 total 4.4 bits
p35-(23)-p10 1671517 Gap 1.4 bits
p35-p10 1671517 total 6.3 bits