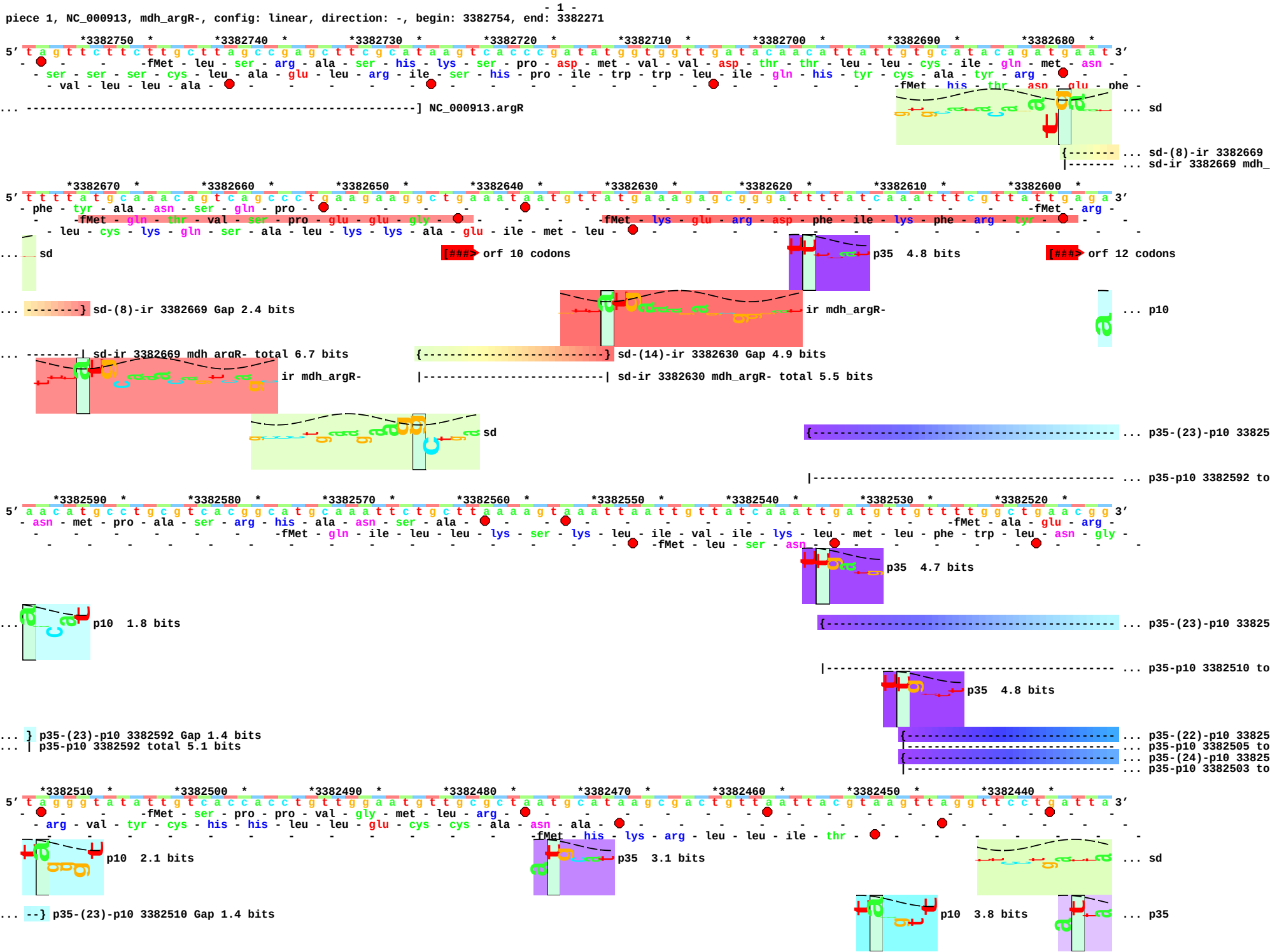
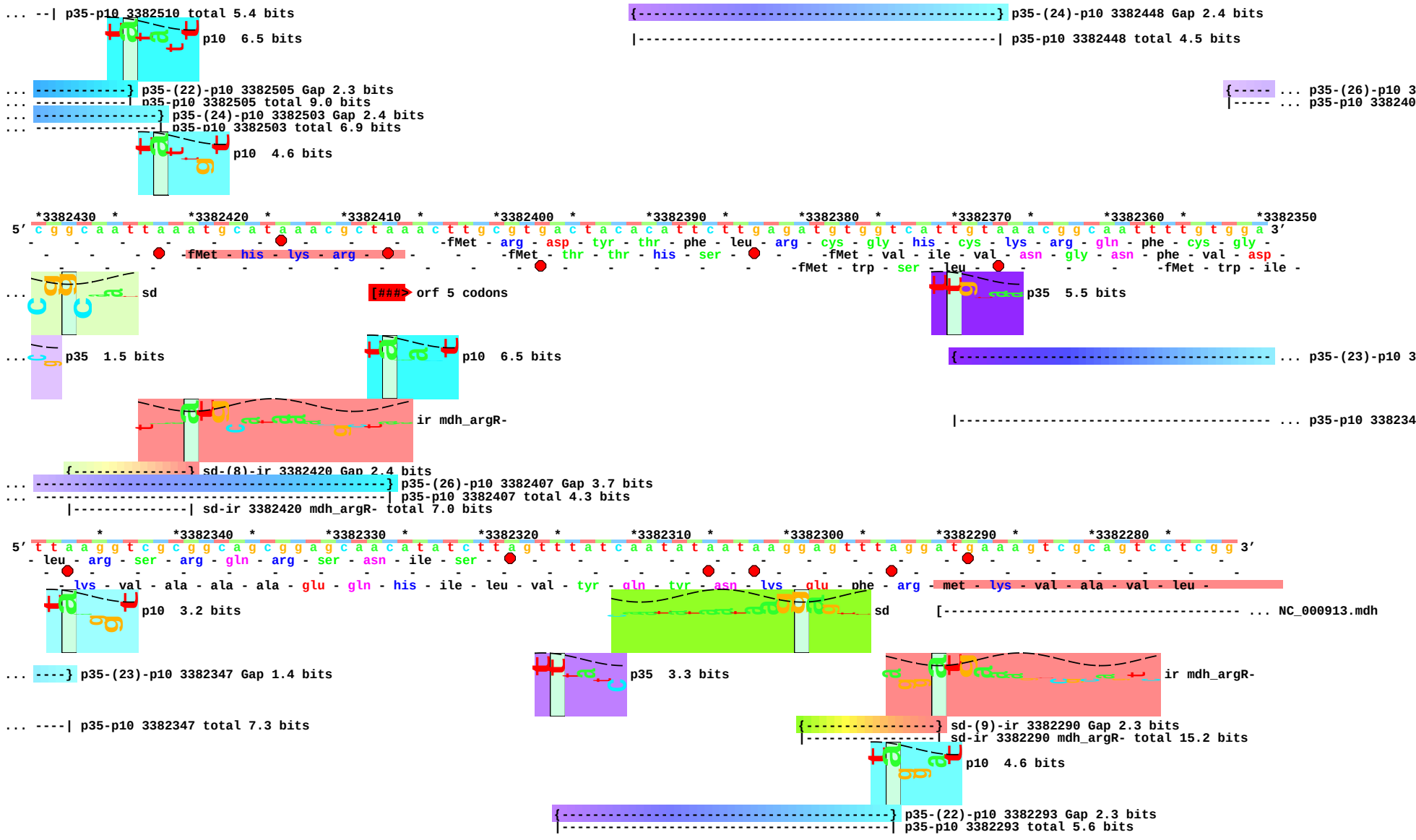
piece 1, NC_000913, mdh_argR-, config: linear, direction: -, begin: 3382754, end: 3382271




... --| p35-p10 3382510 total 5.4 bits
p10 6.5 bits
... ----------} p35-(22)-p10 3382505 Gap 2.3 bits
... ----------| p35-p10 3382505 total 9.0 bits
... ----------} p35-(24)-p10 3382503 Gap 2.4 bits
... ----------| p35-p10 3382503 total 6.9 bits
p10 4.6 bits
{----------} p35-(24)-p10 3382448 Gap 2.4 bits
|----------| p35-p10 3382448 total 4.5 bits
{----- ... p35-(26)-p10 3
|----- ... p35-p10 338240
*3382430 *3382420 *3382410 *3382400 *3382390 *3382380 *3382370 *3382360 *3382350
5' c g g c a a t t a a a t g c a t a a a c g c t a a a c t t g c g t g a c t a c a c a t t c t t g a g a t g t g g t c a t t g t a a a c g g c a a t t t t g t g g a 3'
-fMet - arg - asp - tyr - thr - phe - leu - arg - cys - gly - his - cys - lys - arg - gln - phe - cys - gly -
-fMet - his - lys - arg -
-fMet - thr - thr - his - ser -
-fMet - val - ile - val - asn - gly - asn - phe - val - asp -
-fMet - trp - ser - leu -
-fMet - trp - ile -
... sd
[###> orf 5 codons
p35 5.5 bits
...c p35 1.5 bits
p10 6.5 bits
{---------- ... p35-(23)-p10 3
ir mdh_argR-
|---------- ... p35-p10 338234
{----------} sd-(8)-ir 3382420 Gap 2.4 bits
... ----------} p35-(26)-p10 3382407 Gap 3.7 bits
... ----------| p35-p10 3382407 total 4.3 bits
|----------| sd-ir 3382420 mdh_argR- total 7.0 bits
* *3382340 *3382330 *3382320 *3382310 *3382300 *3382290 *3382280 *
5' t t a a g g t c g c g g c a g c g g a g c a a c a t a t c t t a g t t t a t c a a t a t a a t a a g g a g t t t a g g a t g a a a g t c g c a g t c c t c g g 3'
- leu - arg - ser - arg - gln - arg - ser - asn - ile - ser -
- lys - val - ala - ala - ala - glu - gln - his - ile - leu - val - tyr - gln - tyr - asn - lys - glu - phe - arg - met - lys - val - ala - val - leu -
p10 3.2 bits
sd [---------- ... NC_000913.mdh
... ----} p35-(23)-p10 3382347 Gap 1.4 bits
p35 3.3 bits
ir mdh_argR-
... ----| p35-p10 3382347 total 7.3 bits
{----------} sd-(9)-ir 3382290 Gap 2.3 bits
|----------| sd-ir 3382290 mdh_argR- total 15.2 bits
p10 4.6 bits
{----------} p35-(22)-p10 3382293 Gap 2.3 bits
|----------| p35-p10 3382293 total 5.6 bits