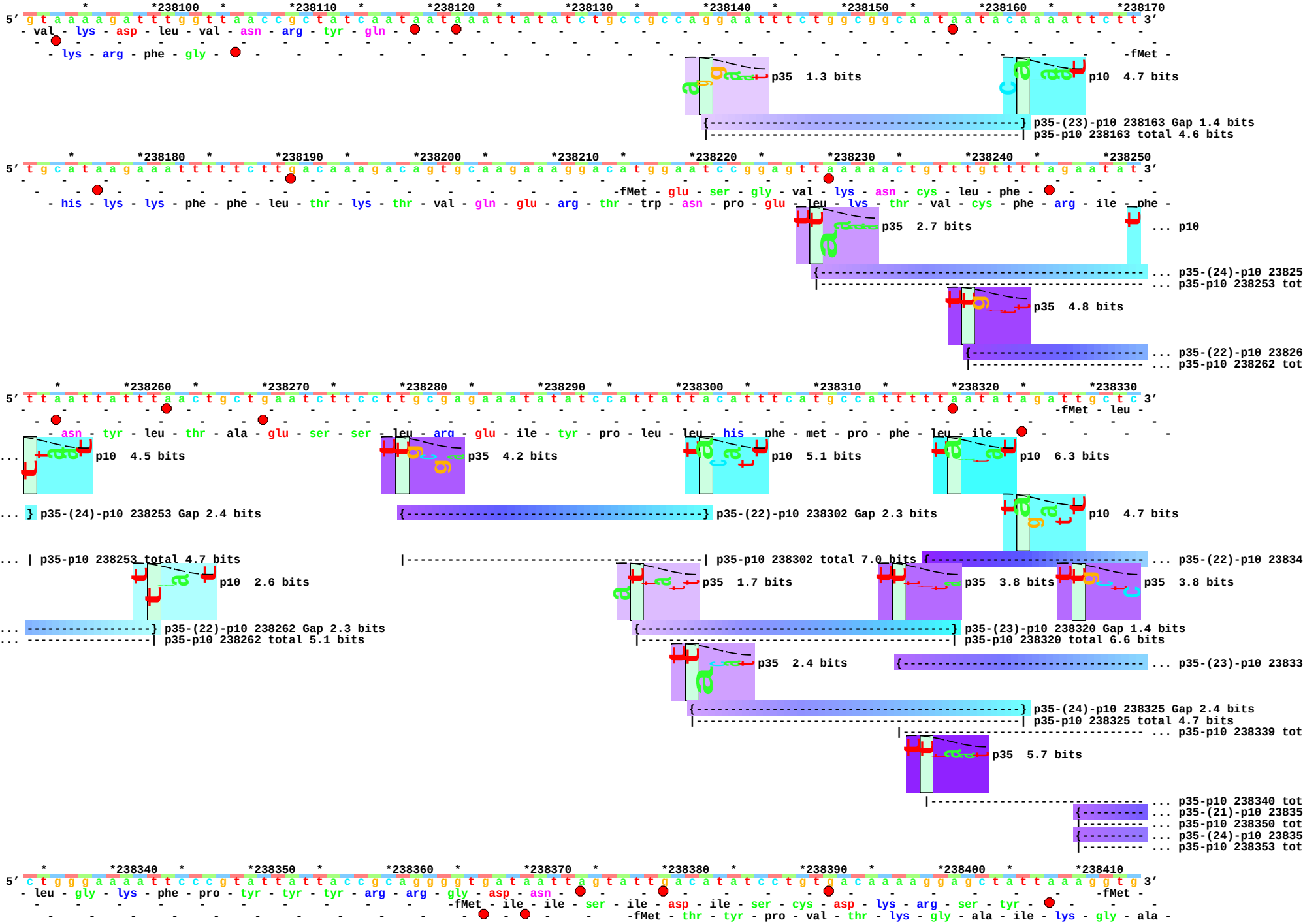
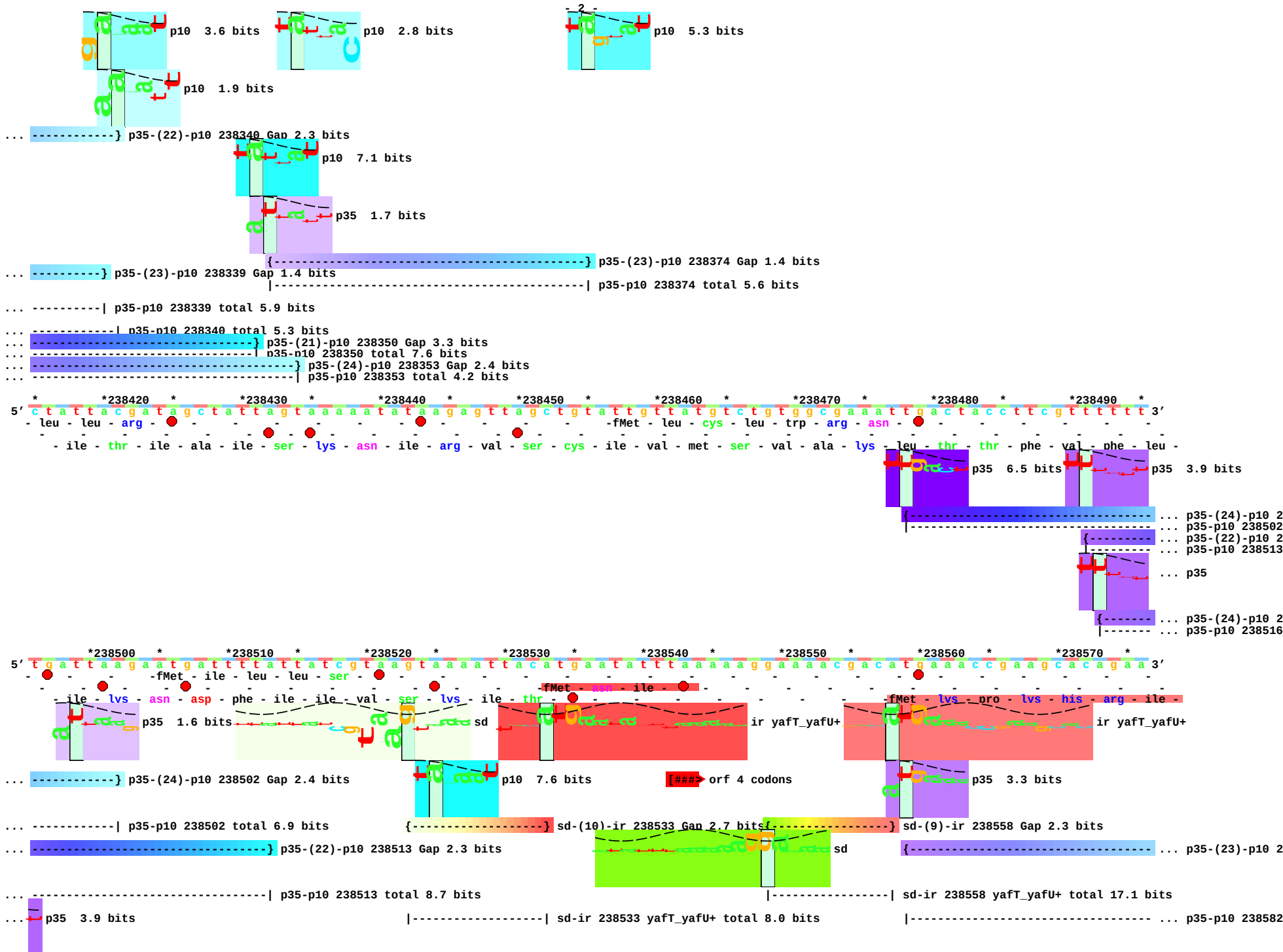
piece 1, NC_000913, yafT_yafU+, config: linear, direction: +, begin: 238091, end: 238765




p10 3.6 bits
p10 2.8 bits
p10 5.3 bits
p10 1.9 bits
... } p35-(22)-p10 238340 Gap 2.3 bits
p10 7.1 bits
p35 1.7 bits
{ } p35-(23)-p10 238374 Gap 1.4 bits
... } p35-(23)-p10 238339 Gap 1.4 bits
| p35-p10 238374 total 5.6 bits
... | p35-p10 238339 total 5.9 bits
... | p35-p10 238340 total 5.3 bits
... } p35-(21)-p10 238350 Gap 3.3 bits
... | p35-p10 238350 total 7.6 bits
... } p35-(24)-p10 238353 Gap 2.4 bits
... | p35-p10 238353 total 4.2 bits
*238420 *238430 *238440 *238450 *238460 *238470 *238480 *238490
5′ c t a t t a c g a t a g c t a t t a g t a a a a t a t a a g a g t t a g c t g t a t t g t t a t g t c t g t g g c g a a a t t g a c t a c c t t c g t t t t t t 3′
- leu - leu - arg - -fMet - leu - cys - leu - trp - arg - asn -
- ile - thr - ile - ala - ile - ser - lys - asn - ile - arg - val - ser - cys - ile - val - met - ser - val - ala - lys - leu - thr - thr - phe - val - phe - leu -
p35 6.5 bits
p35 3.9 bits
{ ... p35-(24)-p10 2
| ... p35-p10 238502
{ ... p35-(22)-p10 2
| ... p35-p10 238513
... p35
{ ... p35-(24)-p10 2
| ... p35-p10 238516
*238500 *238510 *238520 *238530 *238540 *238550 *238560 *238570
5′ t g a t t a a g a a t g a t t t t a t t a t c g t a a g t a a a a t t a c a t g a a t a t t t a a a a a g g a a a a c g a c a t g a a a c c g a a g c a c a g a a 3′
-fMet - ile - leu - leu - ser -
fMet - asn - ile -
- ile - lys - asn - asp - phe - ile - ile - val - ser - lys - ile - thr -
-fMet - lys - pro - lys - his - arg - ile -
p35 1.6 bits
sd
ir yafT_yafU+
ir yafT_yafU+
... } p35-(24)-p10 238502 Gap 2.4 bits
p10 7.6 bits
[###> orf 4 codons
p35 3.3 bits
... | p35-p10 238502 total 6.9 bits
{ } sd-(10)-ir 238533 Gap 2.7 bits
{ } sd-(9)-ir 238558 Gap 2.3 bits
... } p35-(22)-p10 238513 Gap 2.3 bits
sd
{ ... p35-(23)-p10 2
... | p35-p10 238513 total 8.7 bits
| sd-ir 238558 yafT_yafU+ total 17.1 bits
... p35 3.9 bits
| sd-ir 238533 yafT_yafU+ total 8.0 bits
| ... p35-p10 238582

p35-(24)-p10 238516 Gap 2.4 bits
p35-p10 238516 total 5.3 bits
p10 2.8 bits
p10 3.8 bits
p10 7.1 bits
p35-(26)-p10 238525 Gap 3.7 bits
p35-p10 238525 total 5.5 bits
*238580 *238590 *238600 *238610 *238620 *238630 *238640 *238650
5' tcaacattctccaatcataaaatatttccgtggagcatttttattattgaatatagaggtttaactccggtaaaaaacaaag 3'
-fMet - asn - ile - glu - val -
asn - ile - leu - gln - ser -
-fMet - glu - his - phe - ile - ile - glu - tyr - arg - gly - leu - thr - pro - val - lys - asn - lys - glu -
p10 3.1 bits [###> orf 13 codons
p10 2.2 bits
... sd
p35 4.3 bits
p35 4.8 bits
p10 2.6 bits
{- ... sd-(10)-ir 238
p35-(23)-p10 238625 Gap 1.4 bits
|- ... sd-ir 238667 y
p35-(23)-p10 238582 Gap 1.4 bits
p35-p10 238582 total 5.0 bits
p35-(22)-p10 238637 Gap 2.3 bits
p35-p10 238637 total 5.0 bits
*238660 *238670 *238680 *238690 *238700 *238710 *238720 *238730
5' aagcattgaatgcagggaaaaataatatggccataaaaaacatcgaaagaaactctttaatttaacatgtaaacgcatgg 3'
-fMet - gln - gly - lys - ile - ile - trp - pro -
-fMet -
- ala - leu - asn - ala - gly - lys - asn - asn - met - ala - ile - lys - asn - ile - glu - arg - asn - ser - phe - asn - leu - thr - cys - lys - arg - met - val -
... sd
ir yafT_yafU+
[###> orf 9 codons
... ir
sd-(10)-ir 238667 Gap 2.7 bits
sd
sd-ir 238667 yafT yafU+ total 7.3 bits
sd
ir yafT_yafU+
{---------- sd-(8)-ir 238735 Gap 2.4
|---------- sd-ir 238735 yafT_yafU+ t
sd-(10)-ir 238684 Gap 2.7 bits
p35 3.4 bits
sd-ir 238684 yafT_yafU+ total 14.0 bits
... p35-(23)-p10 2
... p35-p10 238750
*238740 *238750 *238760
5' ttaatcctcatatcacgggtggagtgt 3'
-fMet - glu - cys -
-fMet
- asn - pro - his - ile - thr - gly - gly - val -
ir yafT_yafU+
<---------- ... NC_000913.yafU
p10 2.0 bits

```
... ----------------------} p35-(23)-p10 238750 Gap 1.4 bits
... ----------------------| p35-p10 238750 total 4.1 bits
```