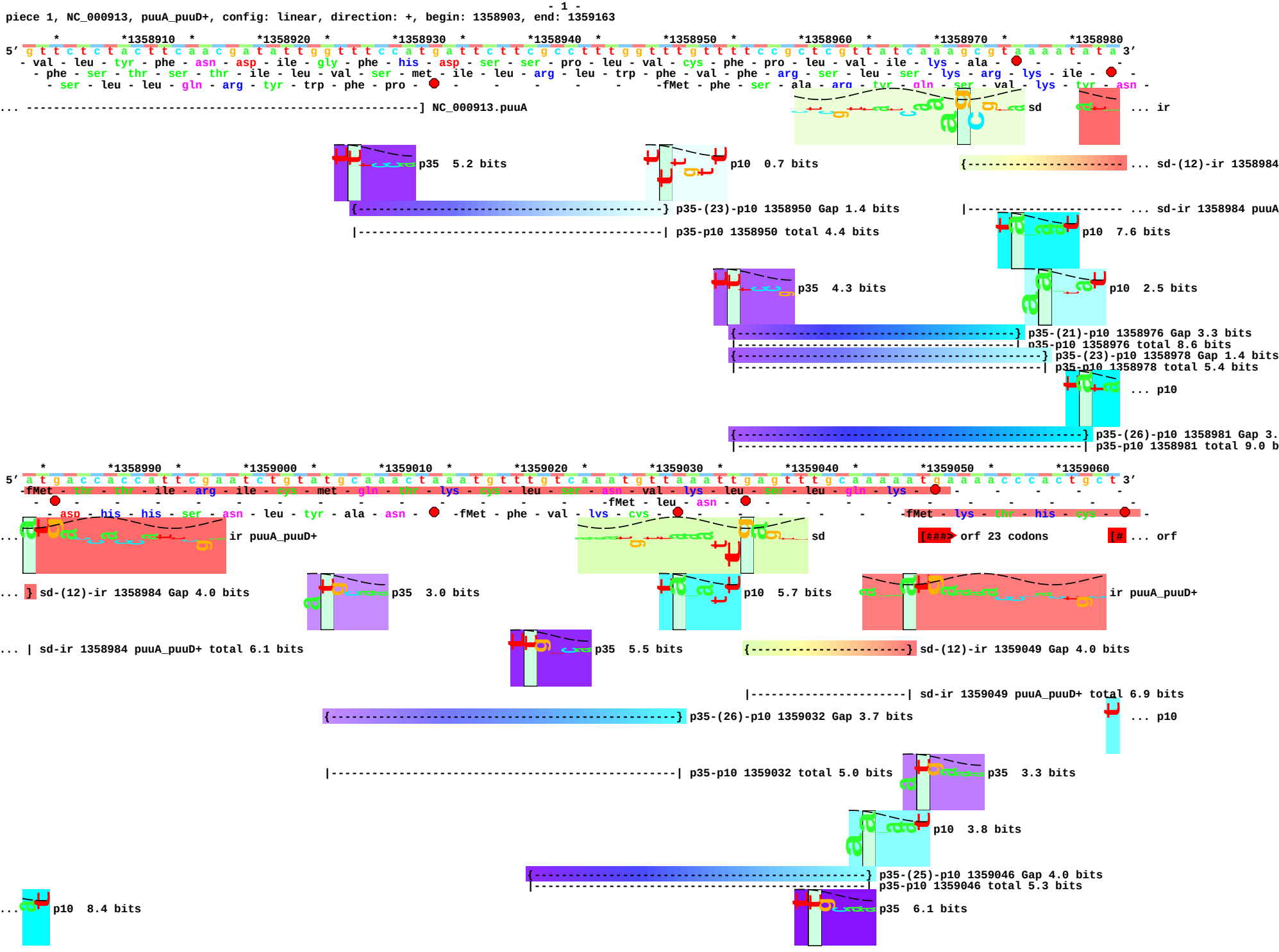
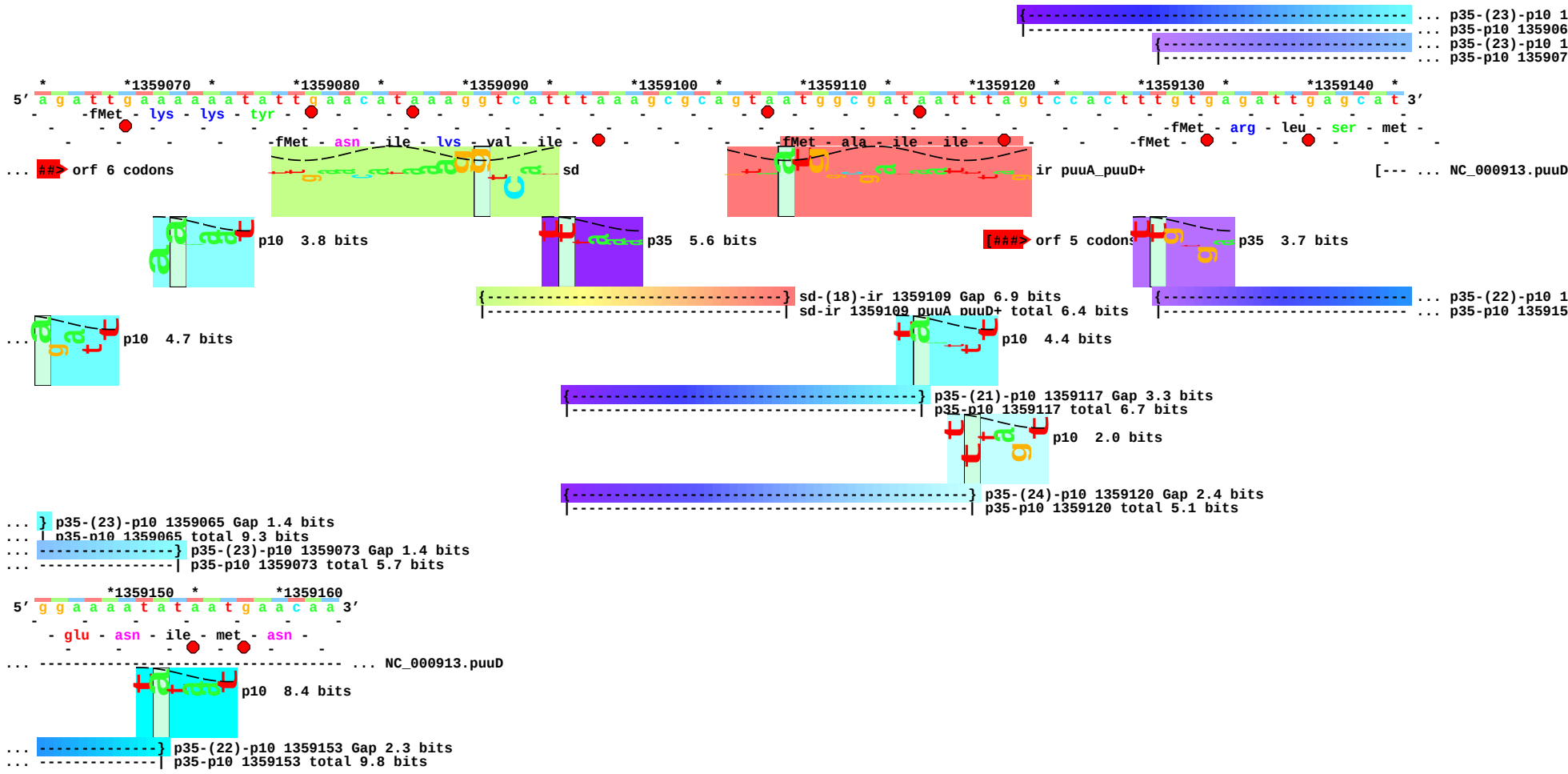

piece 1, NC_000913, puuA_puuD+, config: linear, direction: +, begin: 1358903, end: 1359163
*1358910 *1358920 *1358930 *1358940 *1358950 *1358960 *1358970 *1358980
5′ g t t c t c t a c t t c a a c g a t a t t g g t t t c c a t g a t t c t t c g c c t t t g g t t t g t t t t c c g c t c g t t a t c a a a g c g t a a a a t a t a 3′
- val - leu - tyr - phe - asn - asp - ile - gly - phe - his - asp - ser - ser - pro - leu - val - cys - phe - pro - leu - val - ile - lys - ala -
- phe - ser - thr - ser - thr - ile - leu - val - ser - met - ile - leu - arg - leu - trp - phe - val - phe - arg - ser - leu - ser - lys - arg - lys - ile -
- ser - leu - leu - gln - arg - tyr - trp - phe - pro - -fMet - phe - ser - ala - arg - tyr - gln - ser - val - lys - tyr - asn -
... ----------] NC_000913.puuA
sd
... ir
p35 5.2 bits
p10 0.7 bits
{---------- ... sd-(12)-ir 1358984
{----------} p35-(23)-p10 1358950 Gap 1.4 bits
|---------- ... sd-ir 1358984 puuA
|----------| p35-p10 1358950 total 4.4 bits
p10 7.6 bits
p35 4.3 bits
p10 2.5 bits
{----------} p35-(21)-p10 1358976 Gap 3.3 bits
|----------| p35-p10 1358976 total 8.6 bits
{----------} p35-(23)-p10 1358978 Gap 1.4 bits
|----------| p35-p10 1358978 total 5.4 bits
... p10
{----------} p35-(26)-p10 1358981 Gap 3.
|----------| p35-p10 1358981 total 9.0 b
*1358990 *1359000 *1359010 *1359020 *1359030 *1359040 *1359050 *1359060
5′ a t g a c c a c c a t t c g a a t c t g t a t g c a a a c t a a a t g t t t g t c a a a t g t t a a a t t g a g t t t g c a a a a a t g a a a a c c c a c t g c t 3′
-fMet - thr - thr - ile - arg - ile - cys - met - gln - thr - lys - cys - leu - ser - asn - val - lys - leu - ser - leu - gln - lys -
- asp - his - his - ser - asn - leu - tyr - ala - asn - -fMet - phe - val - lys - cys - -fMet - leu - asn - -fMet - lys - thr - his - cys -
... ir puuA_puuD+
sd
[###> orf 23 codons
[# ... orf
... } sd-(12)-ir 1358984 Gap 4.0 bits
p35 3.0 bits
p10 5.7 bits
ir puuA_puuD+
... | sd-ir 1358984 puuA_puuD+ total 6.1 bits
p35 5.5 bits
{----------} sd-(12)-ir 1359049 Gap 4.0 bits
|----------| sd-ir 1359049 puuA_puuD+ total 6.9 bits
{----------} p35-(26)-p10 1359032 Gap 3.7 bits
... p10
|----------| p35-p10 1359032 total 5.0 bits
p35 3.3 bits
p10 3.8 bits
{----------} p35-(25)-p10 1359046 Gap 4.0 bits
|----------| p35-p10 1359046 total 5.3 bits
... p10 8.4 bits
p35 6.1 bits


... p35-(23)-p10 1
... p35-p10 135906
... p35-(23)-p10 1
... p35-p10 135907
*1359070 *1359080 *1359090 *1359100 *1359110 *1359120 *1359130 *1359140 *
5′ a g a t t g a a a a a a t a t t g a a c a t a a a g g t c a t t t a a a g c g c a g t a a t g g c g a t a a t t t a g t c c a c t t t g t g a g a t t g a g c a t 3′
-fMet - lys - lys - tyr -
-fMet - asn - ile - lys - val - ile -
-fMet - ala - ile - ile -
-fMet -
-fMet - arg - leu - ser - met -
... ##> orf 6 codons
sd
ir puuA_puuD+
[--- ... NC_000913.puuD
p10 3.8 bits
p35 5.6 bits
[###> orf 5 codons
p35 3.7 bits
} sd-(18)-ir 1359109 Gap 6.9 bits
| sd-ir 1359109 puuA puuD+ total 6.4 bits
... p35-(22)-p10 1
... p35-p10 135915
... p10 4.7 bits
p10 4.4 bits
} p35-(21)-p10 1359117 Gap 3.3 bits
| p35-p10 1359117 total 6.7 bits
p10 2.0 bits
} p35-(24)-p10 1359120 Gap 2.4 bits
| p35-p10 1359120 total 5.1 bits
... } p35-(23)-p10 1359065 Gap 1.4 bits
... | p35-p10 1359065 total 9.3 bits
... } p35-(23)-p10 1359073 Gap 1.4 bits
... | p35-p10 1359073 total 5.7 bits
*1359150 *1359160
5′ g g a a a a t a t a a t g a a c a a 3′
- glu - asn - ile - met - asn -
... NC_000913.puuD
p10 8.4 bits
... } p35-(22)-p10 1359153 Gap 2.3 bits
... | p35-p10 1359153 total 9.8 bits