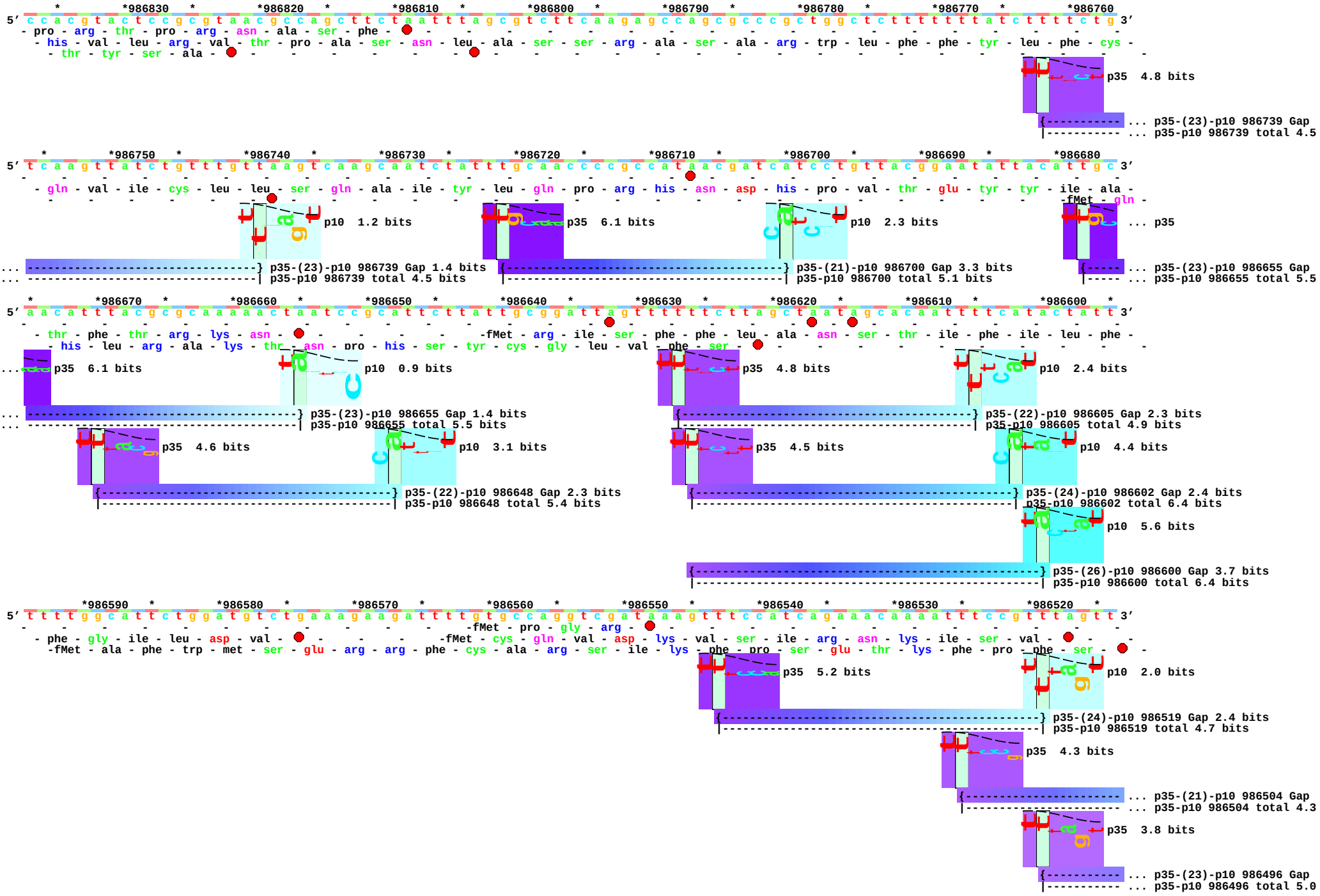
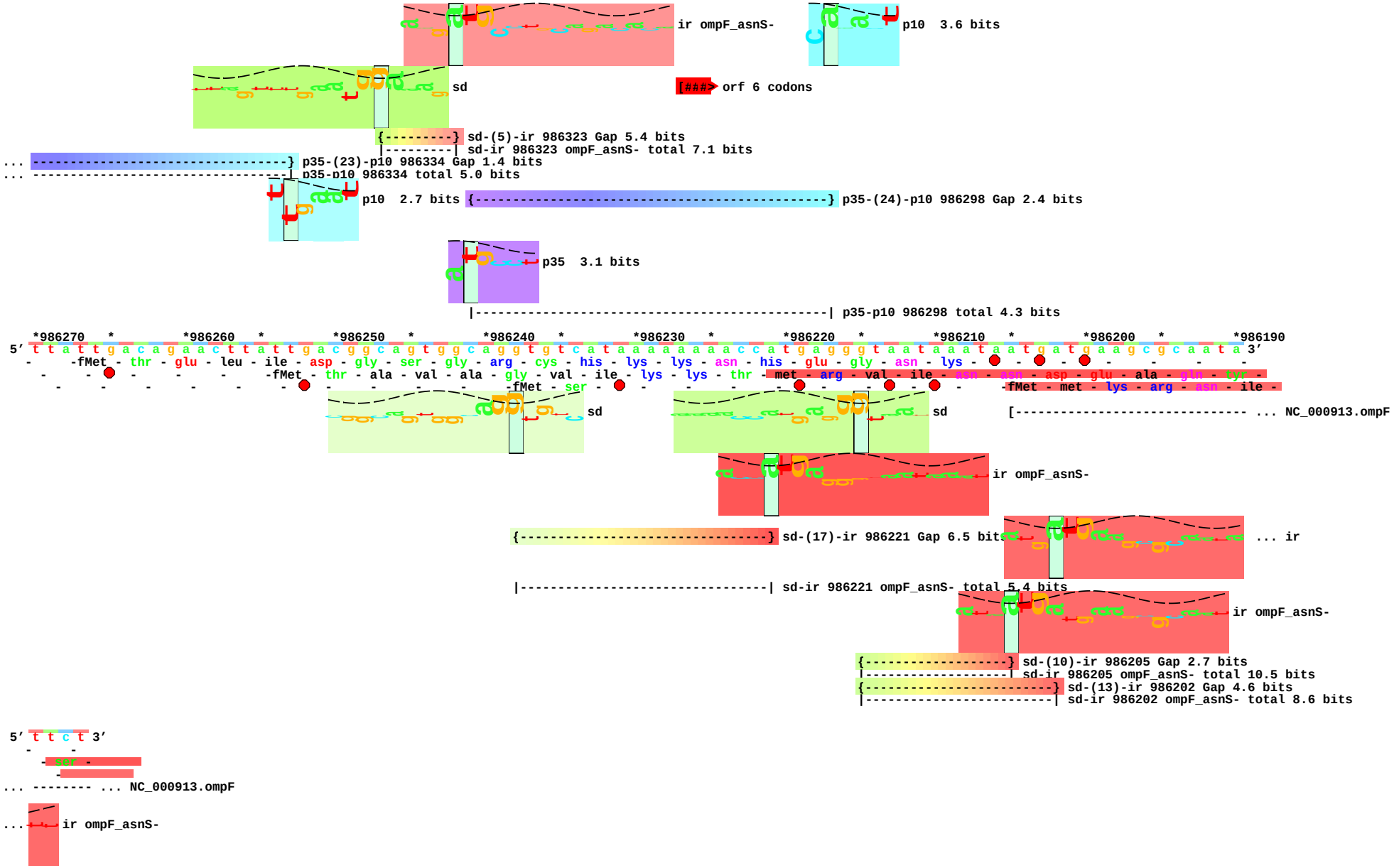
piece 1, NC_000913, ompF_asnS-, config: linear, direction: -, begin: 986837, end: 986186



*986510 *986500 *986490 *986480 *986470 *986460 *986450 *986440
5' aatttaaatataaggaaatcatataaatagattaaaattgctgtaaatatcatcacgtctctatggaaatatgacggtgtt 3'
-fMet - leu -
-fMet - thr - val - phe -
-fMet - glu - ile -
p10 3.3 bits
p10 4.7 bits
p10 6.3 bits
... ir
p35 5.6 bits
p10 2.6 bits
p10 7.6 bits
sd
... p35-(23)-p10 986419 Gap
p35-(25)-p10 986485 Gap 4.0 bits
p35-p10 986485 total 6.2 bits
sd-(5)-ir 986443 Gap 5.4 bits
sd-ir 986443 ompF_asnS- total 7.8 bits
... p35-(21)-p10 986504 Gap 3.3 bits
p35 2.4 bits
... p35-p10 986504 total 4.3 bits
... p35-p10 986419 total 6.7
p35 0.6 bits
p35 1.4 bits
... p35
... p35-(23)-p10 986496 Gap 1.4 bits
... p35-p10 986496 total 5.0 bits
... p35-(23)-p10 986412 Gap
... p35-p10 986412 total 4.8
p35-(24)-p10 986480 Gap 2.4 bits
p35-p10 986480 total 5.7 bits
p35-(26)-p10 986465 Gap 3.7 bits
p35-p10 986465 total 4.1 bits
*986430 *986420 *986410 *986400 *986390 *986380 *986370 *986360
5' cacaaagttccttaaatttttacttttggttacatattttttctttttgaaaccaaatctttatctttgtagcacttcacg 3'
-fMet - val - thr - tyr - phe - phe - phe - leu - lys - pro - asn - leu - tyr - leu - cys - ser - thr - phe - thr -
- thr - lys - phe - leu - lys - phe - tyr - phe - trp - leu - his - ile - phe - ser - phe -
-fMet -
... ir ompF_asnS-
p10 5.7 bits
p10 5.2 bits
orf 20 codons
p10 4.5 bits
p35 3.8 bits
... p35-(23)-p10 986419 Gap 1.4 bits
p35 4.8 bits
p10 0.2 bits
p10 3.8 bits
p35-(23)-p10 986371 Gap 1.4 bits
p35 2.8 bits
p35-p10 986371 total 7.8 bits
p35-(22)-p10 986398 Gap 2.3 bits
... p35-(23)-p10 986334 Gap
... p35-p10 986419 total 6.7 bits
p35 6.4 bits
... p35-p10 986334 total 5.0
... p35 2.5 bits
p35-p10 986398 total 5.6 bits
... p35-(23)-p10 986412 Gap 1.4 bits
... p35-p10 986412 total 4.8 bits
p35-(23)-p10 986363 Gap 1.4 bits
p35-p10 986363 total 5.2 bits
*986350 *986340 *986330 *986320 *986310 *986300 *986290 *986280
5' gtagcgaaacgttagtttgaatggaaagatgcctgcagacacataaagacaccaaactctcatcaatagttccgtaaattt 3'
- val - ala - lys - arg -
-fMet - asn - gly - lys - met - pro - ala - asp - thr -
-fMet - glu - arg - cys - leu - gln - thr - his - lys - asp - thr - lys - leu - ser - ser - ile - val - pro -


ir ompF_asnS-
p10 3.6 bits
sd
orf 6 codons
sd-(5)-ir 986323 Gap 5.4 bits
sd-ir 986323 ompF_asnS- total 7.1 bits
... p35-(23)-p10 986334 Gap 1.4 bits
... p35-p10 986334 total 5.0 bits
p10 2.7 bits
p35-(24)-p10 986298 Gap 2.4 bits
p35 3.1 bits
p35-p10 986298 total 4.3 bits
*986270 *986260 *986250 *986240 *986230 *986220 *986210 *986200 *986190
5' t t a t t g a c a g a a c t t a t t g a c g g c a g t g g c a g g t g t c a t a a a a a a a a c c a t g a g g g t a a t a a a t a a t g a t g a a g c g c a a t a 3'
fMet - thr - glu - leu - ile - asp - gly - ser - gly - arg - cys - his - lys - lys - asn - his - glu - gly - asn - lys -
fMet - thr - ala - val - ala - gly - val - ile - lys - lys - thr - met - arg - val - ile - asn - asn - asp - glu - ala - gln - cyr -
fMet - ser -
fMet - met - lys - arg - asn - ile -
sd
sd
... NC_000913.ompF
ir ompF_asnS-
sd-(17)-ir 986221 Gap 6.5 bits
... ir
sd-ir 986221 ompF_asnS- total 5.4 bits
ir ompF_asnS-
sd-(10)-ir 986205 Gap 2.7 bits
sd-ir 986205 ompF_asnS- total 10.5 bits
sd-(13)-ir 986202 Gap 4.6 bits
sd-ir 986202 ompF_asnS- total 8.6 bits
5' t t c t 3'
ser
... NC_000913.ompF
ir ompF_asnS-