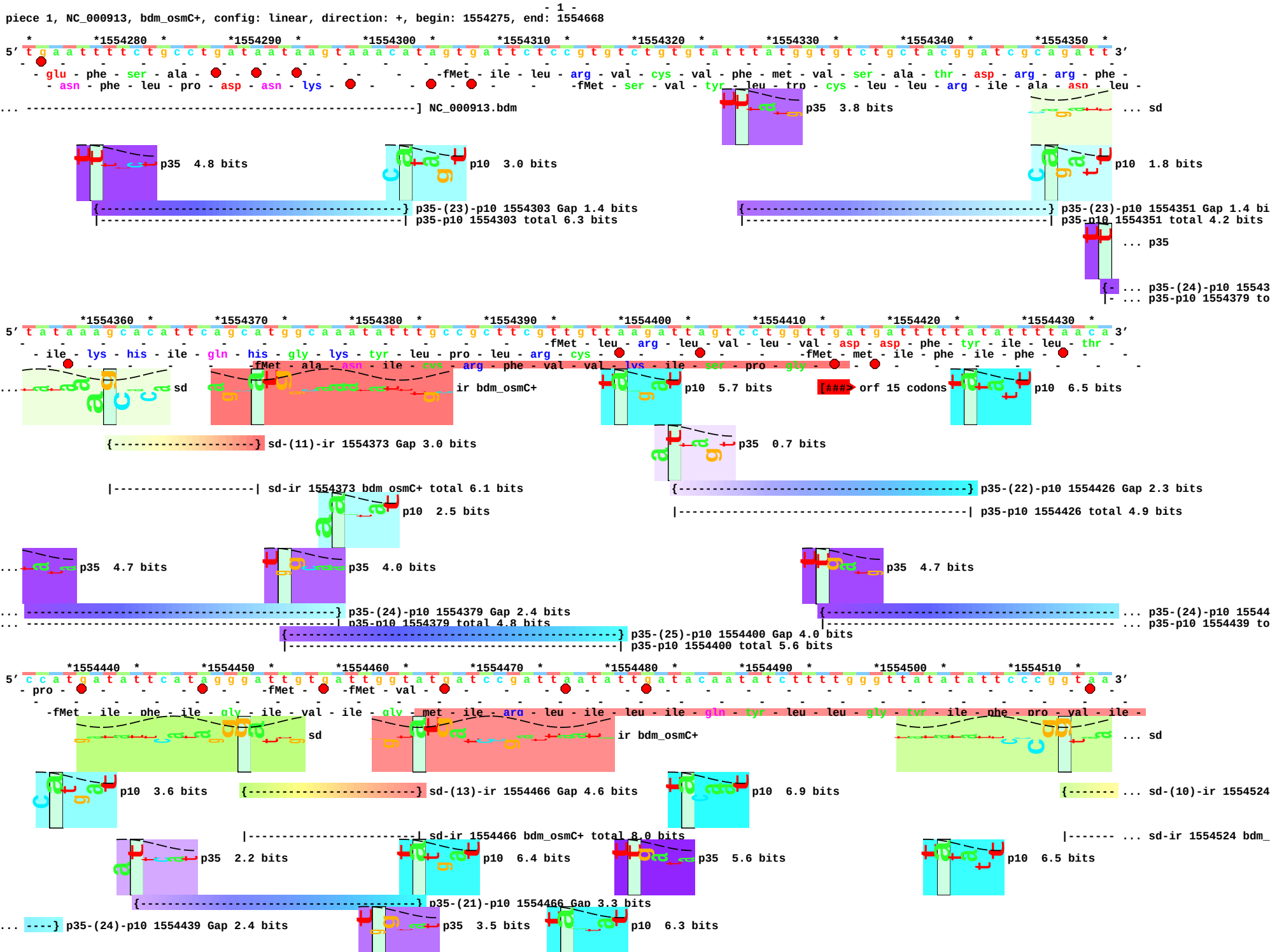
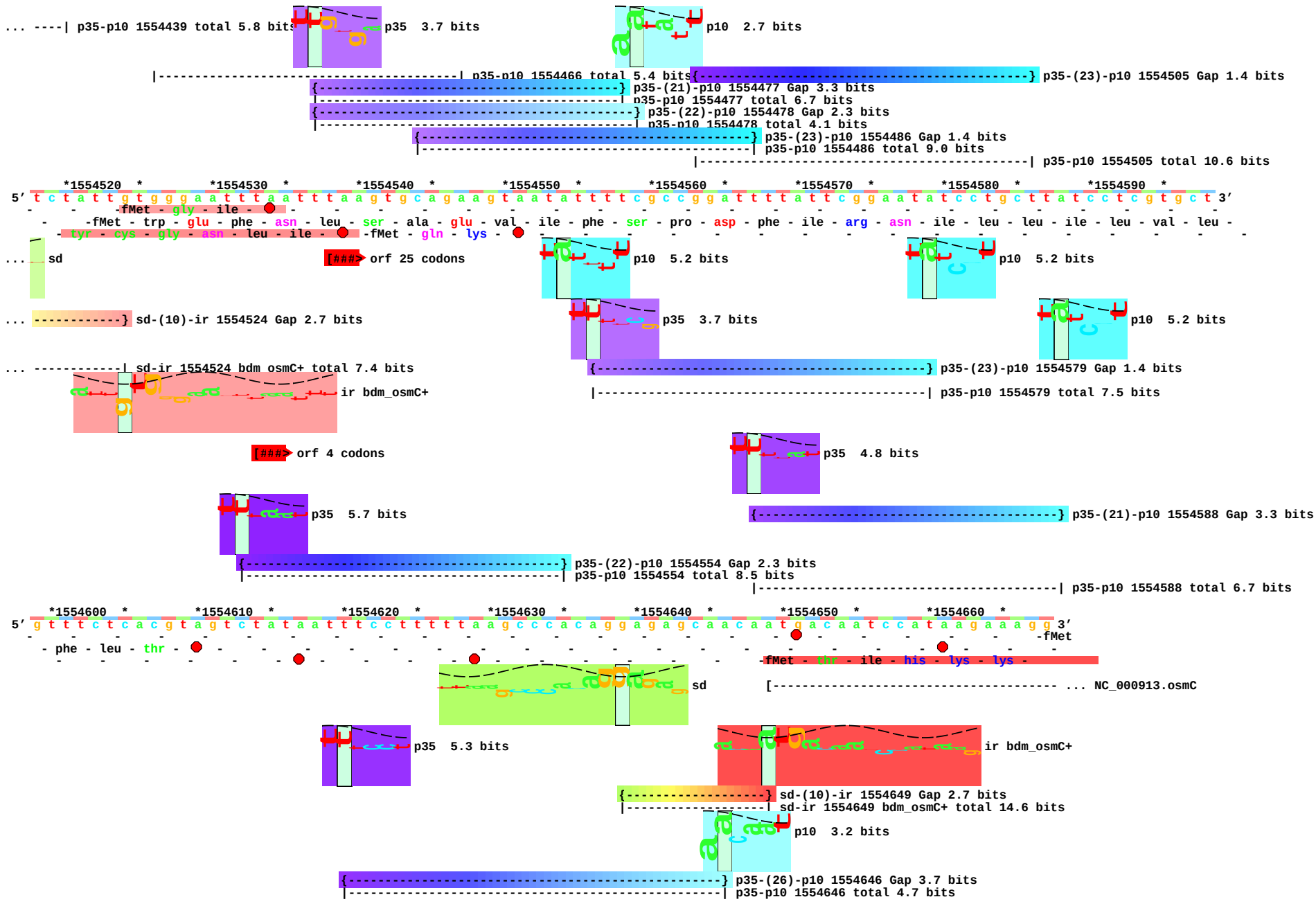

piece 1, NC_000913, bdm_osmC+, config: linear, direction: +, begin: 1554275, end: 1554668
*1554280 *1554290 *1554300 *1554310 *1554320 *1554330 *1554340 *1554350
5′ t g a a t t t c t g c c t g a t a a t a a g t a a a c a t a g t g a t t c t c c g t g t c t g t g t a t t t a t g g t g t c t g c t a c g g a t c g c a g a t t 3′
- glu - phe - ser - ala - -fMet - ile - leu - arg - val - cys - val - phe - met - val - ser - ala - thr - asp - arg - arg - phe -
- asn - phe - leu - pro - asp - asn - lys - -fMet - ser - val - tyr - leu - trp - cys - leu - leu - arg - ile - ala - asn - leu -
... ----------] NC_000913.bdm
p35 3.8 bits
... sd
p35 4.8 bits
p10 3.0 bits
p10 1.8 bits
{----------} p35-(23)-p10 1554303 Gap 1.4 bits
|----------| p35-p10 1554303 total 6.3 bits
{----------} p35-(23)-p10 1554351 Gap 1.4 bi
|----------| p35-p10 1554351 total 4.2 bits
... p35
{- ... p35-(24)-p10 15543
|- ... p35-p10 1554379 to
*1554360 *1554370 *1554380 *1554390 *1554400 *1554410 *1554420 *1554430
5′ t a t a a a g c a c a t t c a g c a t g g c a a a t a t t t g c c g c t t c g t t g t t a a g a t t a g t c c t g g t t g a t g a t t t t t a t a t t t t a a c a 3′
-fMet - leu - arg - leu - val - leu - val - asp - asp - phe - tyr - ile - leu - thr -
- ile - lys - his - ile - gln - his - gly - lys - tyr - leu - pro - leu - arg - cys - -fMet - met - ile - phe - ile - phe -
-fMet - ala - asn - ile - cys - arg - phe - val - val - lys - ile - ser - pro - gly -
... sd
ir bdm_osmC+
p10 5.7 bits
[###> orf 15 codons
p10 6.5 bits
{----------} sd-(11)-ir 1554373 Gap 3.0 bits
p35 0.7 bits
|----------| sd-ir 1554373 bdm_osmC+ total 6.1 bits
{----------} p35-(22)-p10 1554426 Gap 2.3 bits
|----------| p35-p10 1554426 total 4.9 bits
p10 2.5 bits
... p35 4.7 bits
p35 4.0 bits
p35 4.7 bits
... ----------} p35-(24)-p10 1554379 Gap 2.4 bits
... ----------| p35-p10 1554379 total 4.8 bits
... p35-(24)-p10 15544
... p35-p10 1554439 to
{----------} p35-(25)-p10 1554400 Gap 4.0 bits
|----------| p35-p10 1554400 total 5.6 bits
*1554440 *1554450 *1554460 *1554470 *1554480 *1554490 *1554500 *1554510
5′ c c a t g a t a t t c a t a g g g a t t g t g a t t g g t a t g a t c c g a t t a a t a t t g a t a c a a t a t c t t t t g g g t t a t a t t c c c g g t a a 3′
- pro - -fMet - -fMet - val -
-fMet - ile - phe - ile - gly - ile - val - ile - gly - met - ile - arg - leu - ile - leu - ile - gln - tyr - leu - leu - gly - tyr - ile - phe - pro - val - ile -
... sd
ir bdm_osmC+
... sd
p10 3.6 bits
{----------} sd-(13)-ir 1554466 Gap 4.6 bits
p10 6.9 bits
{------- ... sd-(10)-ir 1554524
|----------| sd-ir 1554466 bdm_osmC+ total 8.0 bits
|------- ... sd-ir 1554524 bdm_
p35 2.2 bits
p10 6.4 bits
p35 5.6 bits
p10 6.5 bits
{----------} p35-(21)-p10 1554466 Gap 3.3 bits
... ----} p35-(24)-p10 1554439 Gap 2.4 bits
p35 3.5 bits
p10 6.3 bits


... ----| p35-p10 1554439 total 5.8 bits
p35 3.7 bits
p10 2.7 bits
|----------| p35-p10 1554466 total 5.4 bits
{----------} p35-(23)-p10 1554505 Gap 1.4 bits
{----------} p35-(21)-p10 1554477 Gap 3.3 bits
|----------| p35-p10 1554477 total 6.7 bits
{----------} p35-(22)-p10 1554478 Gap 2.3 bits
|----------| p35-p10 1554478 total 4.1 bits
{----------} p35-(23)-p10 1554486 Gap 1.4 bits
|----------| p35-p10 1554486 total 9.0 bits
|----------| p35-p10 1554505 total 10.6 bits
*1554520 * *1554530 * *1554540 * *1554550 * *1554560 * *1554570 * *1554580 * *1554590 *
5' t c t a t t g t g g a a t t t a a t t t a a g t g c a g a a g t a a t a t t t t c g c c g g a t t t t a t t c g g a a t a t c c t g c t t a t c c t c g t g c t 3'
fMet - gly - ile -
-fMet - trp - glu - phe - asn - leu - ser - ala - glu - val - ile - phe - ser - pro - asp - phe - ile - arg - asn - ile - leu - leu - ile - leu - val - leu -
tyr - cys - gly - asn - leu - ile - fMet - gln - lys -
... sd
[###> orf 25 codons
p10 5.2 bits
p10 5.2 bits
... ----------} sd-(10)-ir 1554524 Gap 2.7 bits
p35 3.7 bits
p10 5.2 bits
... ----------| sd-ir 1554524 bdm_osmC+ total 7.4 bits
{----------} p35-(23)-p10 1554579 Gap 1.4 bits
ir bdm_osmC+
|----------| p35-p10 1554579 total 7.5 bits
[###> orf 4 codons
p35 4.8 bits
p35 5.7 bits
{----------} p35-(21)-p10 1554588 Gap 3.3 bits
{----------} p35-(22)-p10 1554554 Gap 2.3 bits
|----------| p35-p10 1554554 total 8.5 bits
|----------| p35-p10 1554588 total 6.7 bits
*1554600 * *1554610 * *1554620 * *1554630 * *1554640 * *1554650 * *1554660 *
5' g t t t c t c a c g t a g t c t a t a a t t t c c t t t t t a a g c c c a c a g g a g a g c a a c a a t g a c a a t c c a t a a g a a a g g 3'
fMet
phe - leu - thr -
fMet - thr - ile - his - lys - lys -
sd
[---------- ... NC_000913.osmC
p35 5.3 bits
ir bdm_osmC+
{----------} sd-(10)-ir 1554649 Gap 2.7 bits
|----------| sd-ir 1554649 bdm_osmC+ total 14.6 bits
p10 3.2 bits
{----------} p35-(26)-p10 1554646 Gap 3.7 bits
|----------| p35-p10 1554646 total 4.7 bits