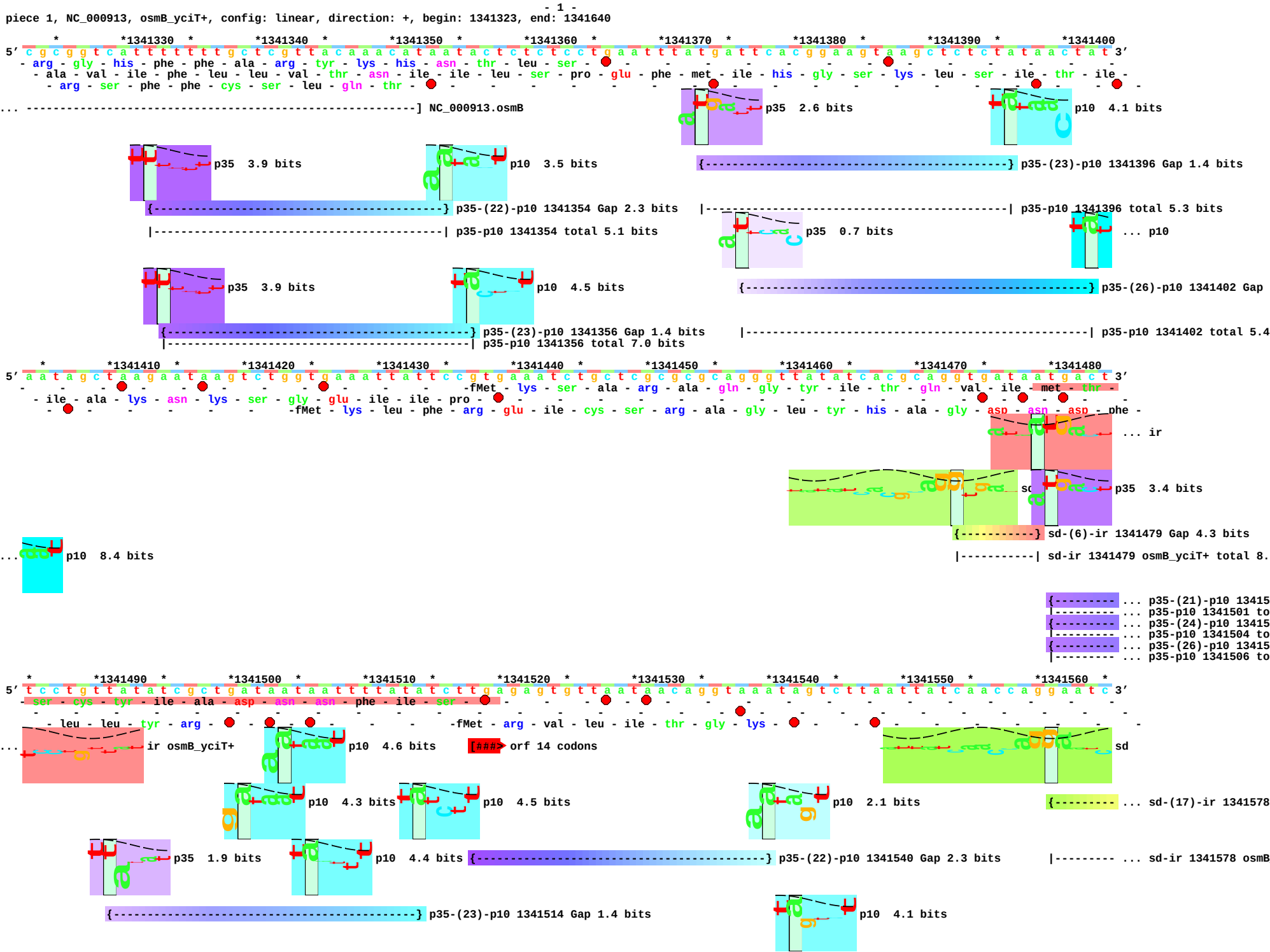
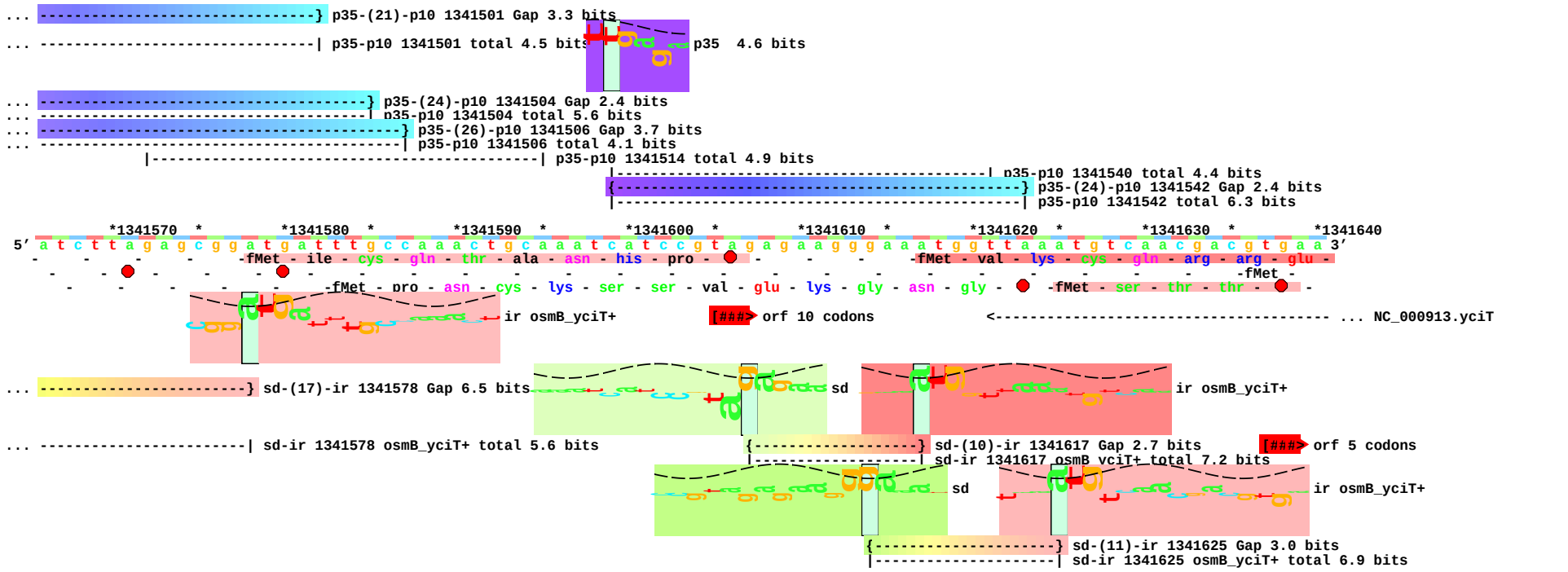

piece 1, NC_000913, osmB_yciT+, config: linear, direction: +, begin: 1341323, end: 1341640
*1341330 *1341340 *1341350 *1341360 *1341370 *1341380 *1341390 *1341400
5′ c g c g g t c a t t t t t t g c t c g t t a c a a a c a t a a t a c t c t c t c c t g a a t t t a t g a t t c a c g g a a g t a a g c t c t c t a t a a c t a t 3′
- arg - gly - his - phe - phe - ala - arg - tyr - lys - his - asn - thr - leu - ser -
- ala - val - ile - phe - leu - leu - val - thr - asn - ile - ile - leu - ser - pro - glu - phe - met - ile - his - gly - ser - lys - leu - ser - ile - thr - ile -
- arg - ser - phe - phe - cys - ser - leu - gln - thr -
...] NC_000913.osmB
p35 2.6 bits
p10 4.1 bits
p35 3.9 bits
p10 3.5 bits
p35-(23)-p10 1341396 Gap 1.4 bits
p35-(22)-p10 1341354 Gap 2.3 bits
p35-p10 1341396 total 5.3 bits
p35-p10 1341354 total 5.1 bits
p35 0.7 bits
... p10
p35 3.9 bits
p10 4.5 bits
p35-(26)-p10 1341402 Gap
p35-(23)-p10 1341356 Gap 1.4 bits
p35-p10 1341402 total 5.4
p35-p10 1341356 total 7.0 bits
*1341410 *1341420 *1341430 *1341440 *1341450 *1341460 *1341470 *1341480
5′ a a t a g c t a a g a a t a a g t c t g g t g a a a t t a t t c c g t g a a a t c t g c t c g c g c g c a g g g t t a t a t c a c g c a g g t g a t a a t g a c t 3′
-fMet - lys - ser - ala - arg - ala - gln - gly - tyr - ile - thr - gln - val - ile - met - thr -
- ile - ala - lys - asn - lys - ser - gly - glu - ile - ile - pro -
-fMet - lys - leu - phe - arg - glu - ile - cys - ser - arg - ala - gly - leu - tyr - his - ala - gly - asp - asn - asp - phe -
... ir
sd
p35 3.4 bits
sd-(6)-ir 1341479 Gap 4.3 bits
... p10 8.4 bits
sd-ir 1341479 osmB_yciT+ total 8.
... p35-(21)-p10 13415
... p35-p10 1341501 to
... p35-(24)-p10 13415
... p35-p10 1341504 to
... p35-(26)-p10 13415
... p35-p10 1341506 to
*1341490 *1341500 *1341510 *1341520 *1341530 *1341540 *1341550 *1341560
5′ t c c t g t t a t a t c g c t g a t a a t a a t t t t a t a t c t t g a g a g t g t t a a t a a c a g g t a a a t a g t c t t a a t t a t c a a c c a g g a a t c 3′
- ser - cys - tyr - ile - ala - asp - asn - asn - phe - ile - ser -
- leu - leu - tyr - arg -
-fMet - arg - val - leu - ile - thr - gly - lys -
... ir osmB_yciT+
p10 4.6 bits
[###> orf 14 codons
sd
p10 4.3 bits
p10 4.5 bits
p10 2.1 bits
... sd-(17)-ir 1341578
p35 1.9 bits
p10 4.4 bits
p35-(22)-p10 1341540 Gap 2.3 bits
... sd-ir 1341578 osmB
p35-(23)-p10 1341514 Gap 1.4 bits
p10 4.1 bits


... } p35-(21)-p10 1341501 Gap 3.3 bits
... | p35-p10 1341501 total 4.5 bits
p35 4.6 bits
... } p35-(24)-p10 1341504 Gap 2.4 bits
... | p35-p10 1341504 total 5.6 bits
... } p35-(26)-p10 1341506 Gap 3.7 bits
... | p35-p10 1341506 total 4.1 bits
| p35-p10 1341514 total 4.9 bits
| p35-p10 1341540 total 4.4 bits
} p35-(24)-p10 1341542 Gap 2.4 bits
| p35-p10 1341542 total 6.3 bits
*1341570 *1341580 *1341590 *1341600 *1341610 *1341620 *1341630 *1341640
5' a t c t t a g a g c g g a t g a t t t g c c a a a c t g c a a a t c a t c c g t a g a g a a g g g a a a t g g t t a a a t g t c a a c g a c g t g a a 3'
-fMet - ile - cys - gln - thr - ala - asn - his - pro -
-fMet - val - lys - cys - gln - arg - arg - glu -
-fMet - pro - asn - cys - lys - ser - ser - val - glu - lys - gly - asn - gly -
-fMet - ser - thr - thr -
ir osmB_yciT+
[###> orf 10 codons
<---------- ... NC_000913.yciT
... } sd-(17)-ir 1341578 Gap 6.5 bits
sd
ir osmB_yciT+
... | sd-ir 1341578 osmB_yciT+ total 5.6 bits
} sd-(10)-ir 1341617 Gap 2.7 bits
[###> orf 5 codons
| sd-ir 1341617 osmB_yciT+ total 7.2 bits
sd
ir osmB_yciT+
} sd-(11)-ir 1341625 Gap 3.0 bits
| sd-ir 1341625 osmB_yciT+ total 6.9 bits