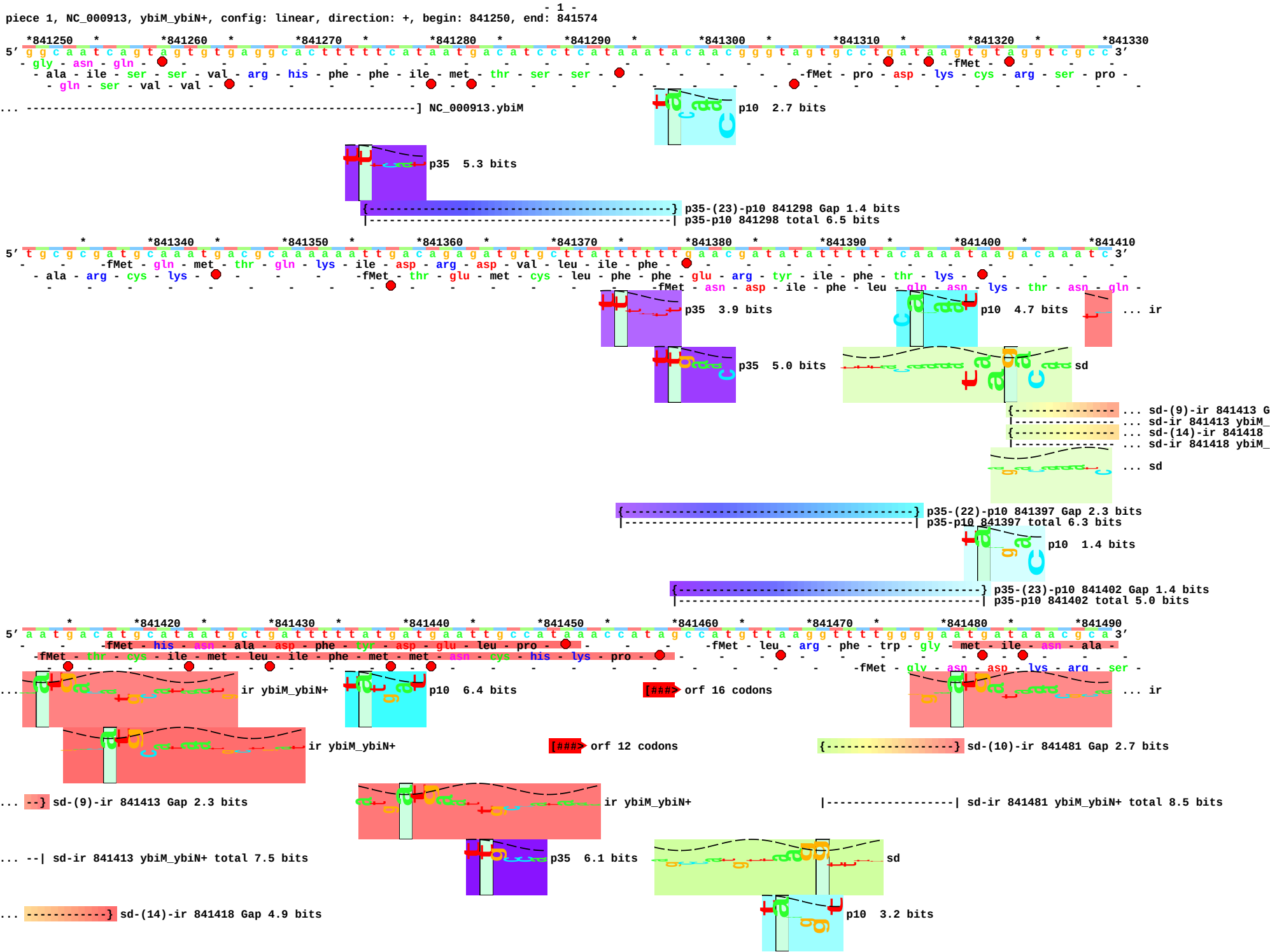
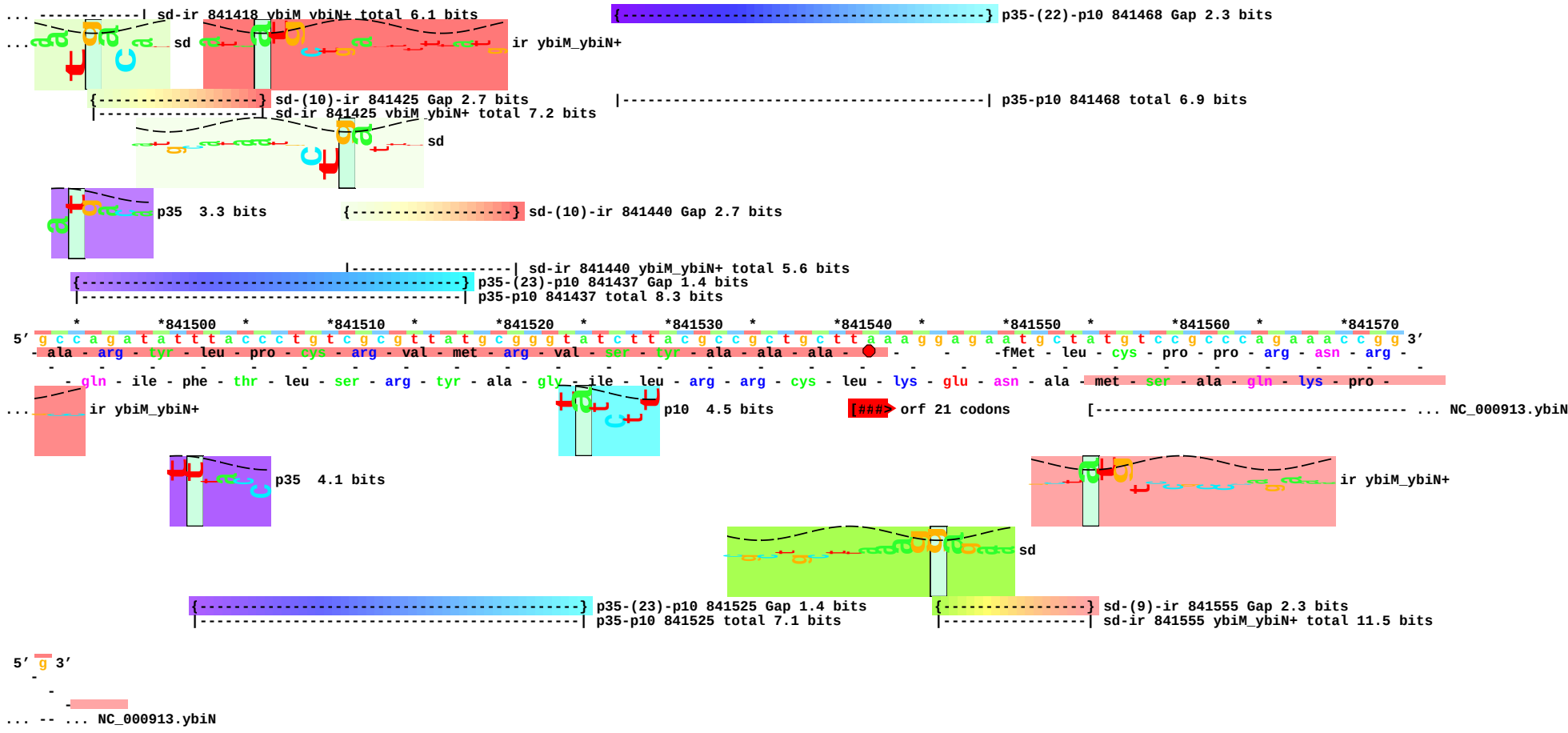

piece 1, NC_000913, ybiM_ybiN+, config: linear, direction: +, begin: 841250, end: 841574
*841250 *841260 *841270 *841280 *841290 *841300 *841310 *841320 *841330
5′ g g c a a t c a g t a g t g t g a g g c a c t t t t t c a t a a t g a c a t c c t c a t a a a t a c a a c g g g t a g t g c c t g a t a a g t g t a g g t c g c c 3′
- gly - asn - gln - fMet -
- ala - ile - ser - ser - val - arg - his - phe - phe - ile - met - thr - ser - ser - fMet - pro - asp - lys - cys - arg - ser - pro -
- gln - ser - val - val -
...] NC_000913.ybiM
p10 2.7 bits
p35 5.3 bits
} p35-(23)-p10 841298 Gap 1.4 bits
| p35-p10 841298 total 6.5 bits
*841340 *841350 *841360 *841370 *841380 *841390 *841400 *841410
5′ t g c g c g a t g c a a a t g a c g c a a a a a a t t g a c a g a g a t g t g c t t a t t t t t t g a a c g a t a t t t t t a c a a a a t a a g a c a a a t c 3′
fMet - gln - met - thr - gln - lys - ile - asp - arg - asp - val - leu - ile - phe -
- ala - arg - cys - lys - fMet - thr - glu - met - cys - leu - phe - phe - glu - arg - tyr - ile - phe - thr - lys -
fMet - asn - asp - ile - phe - leu - gln - asn - lys - thr - asn - gln -
p35 3.9 bits
p10 4.7 bits
... ir
p35 5.0 bits
sd
... sd-(9)-ir 841413 G
... sd-ir 841413 ybiM_
... sd-(14)-ir 841418
... sd-ir 841418 ybiM_
... sd
} p35-(22)-p10 841397 Gap 2.3 bits
| p35-p10 841397 total 6.3 bits
p10 1.4 bits
} p35-(23)-p10 841402 Gap 1.4 bits
| p35-p10 841402 total 5.0 bits
*841420 *841430 *841440 *841450 *841460 *841470 *841480 *841490
5′ a a t g a c a t g c a t a a t g c t g a t t t t t a t g a t g a a t t g c c a t a a a c c a t a g c c a t g t t a a g g t t t t g g g a a t g a t a a a c g c a 3′
fMet - his - asn - ala - asp - phe - tyr - asp - glu - leu - pro - fMet - leu - arg - phe - trp - gly - met - ile - asn - ala -
fMet - thr - cys - ile - met - leu - ile - phe - met - met - asn - cys - his - lys - pro - fMet - gly - asn - asp - lys - arg - ser -
... ir ybiM_ybiN+
p10 6.4 bits
[###> orf 16 codons
... ir
ir ybiM_ybiN+
[###> orf 12 codons
} sd-(10)-ir 841481 Gap 2.7 bits
... --} sd-(9)-ir 841413 Gap 2.3 bits
ir ybiM_ybiN+
| sd-ir 841481 ybiM_ybiN+ total 8.5 bits
... --| sd-ir 841413 ybiM_ybiN+ total 7.5 bits
p35 6.1 bits
sd
... } sd-(14)-ir 841418 Gap 4.9 bits
p10 3.2 bits


... ----------| sd-ir 841418 ybiM ybiN+ total 6.1 bits
{----------} p35-(22)-p10 841468 Gap 2.3 bits
...sd ir ybiM_ybiN+
{----------} sd-(10)-ir 841425 Gap 2.7 bits
|----------| sd-ir 841425 ybiM ybiN+ total 7.2 bits
|----------| p35-p10 841468 total 6.9 bits
sd
p35 3.3 bits
{----------} sd-(10)-ir 841440 Gap 2.7 bits
|----------| sd-ir 841440 ybiM_ybiN+ total 5.6 bits
{----------} p35-(23)-p10 841437 Gap 1.4 bits
|----------| p35-p10 841437 total 8.3 bits
* *841500 * *841510 * *841520 * *841530 * *841540 * *841550 * *841560 * *841570
5′ g c c a g a t a t t t a c c c t g t c g c g t t a t g c g g g t a t c t t a c g c c g c t g c t t a a a g g a g a a a t g c t a t g t c c g c c c a g a a a c c g g 3′
- ala - arg - tyr - leu - pro - cys - arg - val - met - arg - val - ser - tyr - ala - ala - ala - - - -fMet - leu - cys - pro - pro - arg - asn - arg -
- gln - ile - phe - thr - leu - ser - arg - tyr - ala - gly - ile - leu - arg - arg - cys - leu - lys - glu - asn - ala - met - ser - ala - gln - lys - pro -
... ir ybiM_ybiN+
p10 4.5 bits
[###> orf 21 codons
[---------- ... NC_000913.ybiN
p35 4.1 bits
ir ybiM_ybiN+
sd
{----------} p35-(23)-p10 841525 Gap 1.4 bits
|----------| p35-p10 841525 total 7.1 bits
{----------} sd-(9)-ir 841555 Gap 2.3 bits
|----------| sd-ir 841555 ybiM_ybiN+ total 11.5 bits
5′ g 3′
... -- ... NC_000913.ybiN