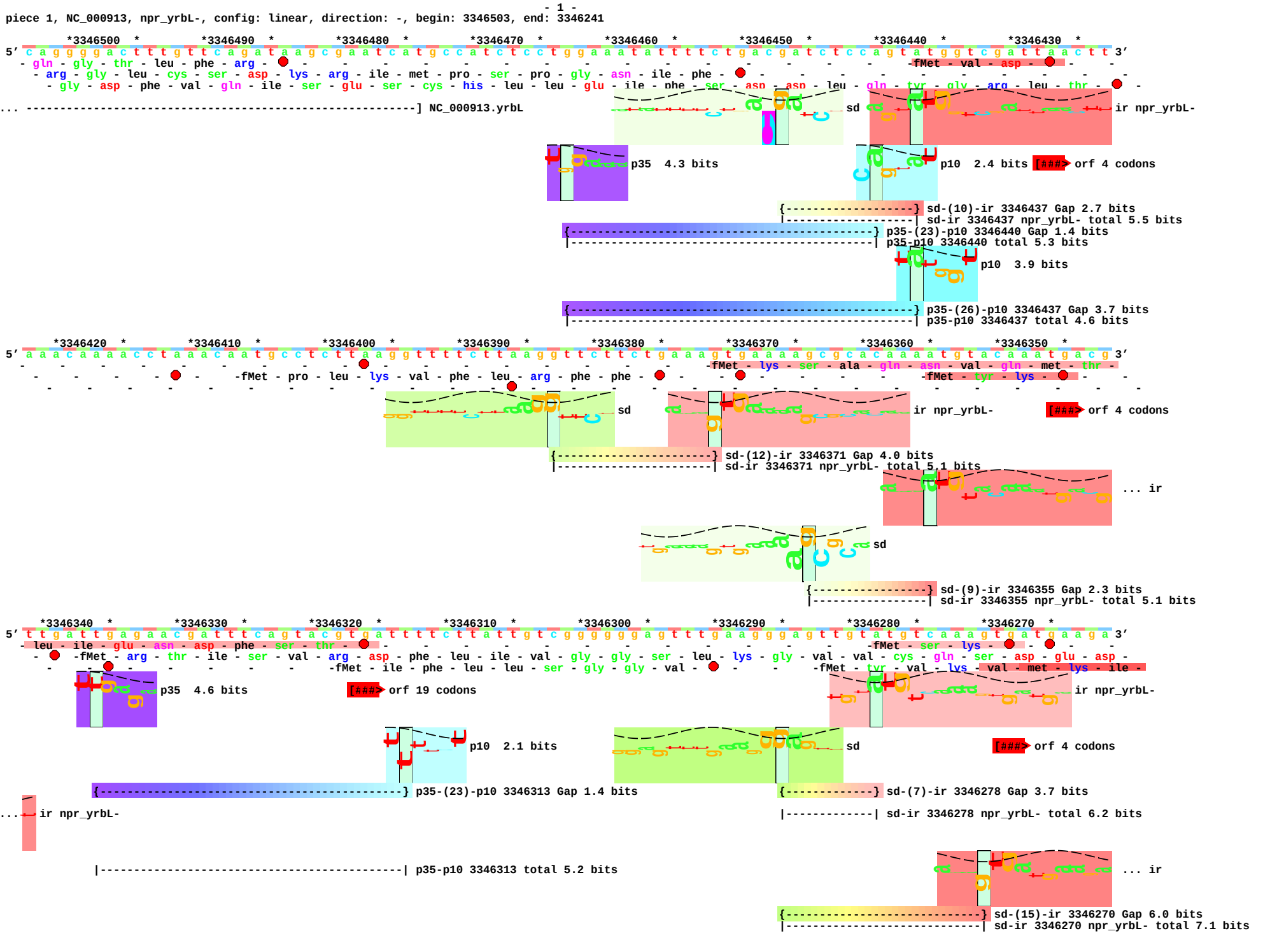
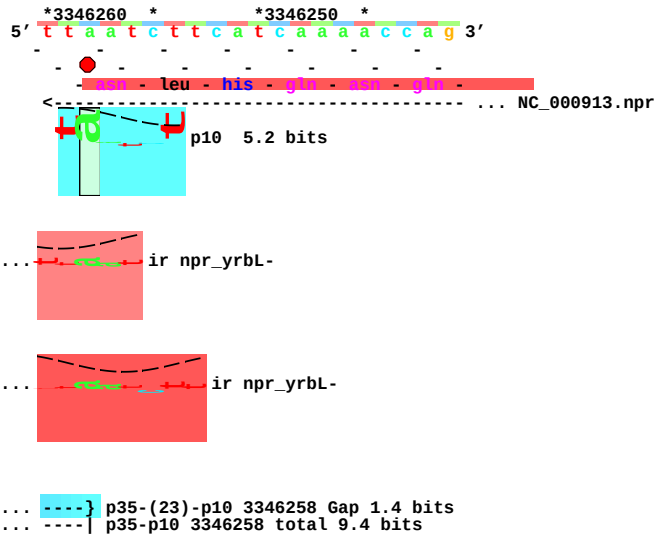
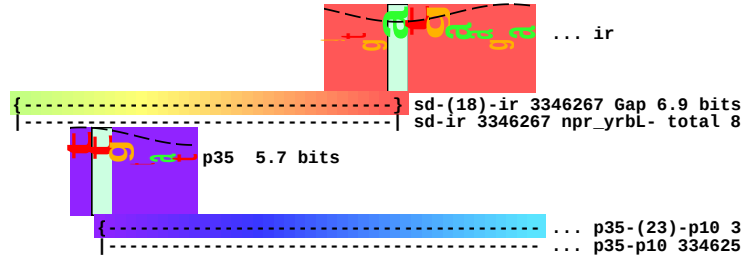

piece 1, NC_000913, npr_yrbL-, config: linear, direction: -, begin: 3346503, end: 3346241
*3346500 *3346490 *3346480 *3346470 *3346460 *3346450 *3346440 *3346430 *
5′ c a g g g g a c t t t g t t c a g a t a a g c g a a t c a t g c c a t c t c c t g g a a a t a t t t t c t g a c g a t c t c c a g t a t g g t c g a t t a a c t t 3′
- gln - gly - thr - leu - phe - arg -
- arg - gly - leu - cys - ser - asp - lys - arg - ile - met - pro - ser - pro - gly - asn - ile - phe -
- gly - asp - phe - val - gln - ile - ser - glu - ser - cys - his - leu - leu - glu - ile - phe - ser - asp - asp - leu - gln - tyr - gly - arg - leu - thr -
-fMet - val - asp -
... ----------] NC_000913.yrbL
sd
ir npr_yrbL-
p35 4.3 bits
p10 2.4 bits [###> orf 4 codons
{----------} sd-(10)-ir 3346437 Gap 2.7 bits
|----------| sd-ir 3346437 npr_yrbL- total 5.5 bits
{----------} p35-(23)-p10 3346440 Gap 1.4 bits
|----------| p35-p10 3346440 total 5.3 bits
p10 3.9 bits
{----------} p35-(26)-p10 3346437 Gap 3.7 bits
|----------| p35-p10 3346437 total 4.6 bits
*3346420 *3346410 *3346400 *3346390 *3346380 *3346370 *3346360 *3346350 *
5′ a a a c a a a a c c t a a a c a a t g c c t c t t a a g g t t t t c t t a a g g t t c t t c t g a a a g t g a a a a g c g c a c a a a a t g t a c a a a t g a c g 3′
-fMet - lys - ser - ala - gln - asn - val - gln - met - thr -
-fMet - pro - leu - lys - val - phe - leu - arg - phe - phe -
-fMet - tyr - lys -
sd
ir npr_yrbL-
[###> orf 4 codons
{----------} sd-(12)-ir 3346371 Gap 4.0 bits
|----------| sd-ir 3346371 npr_yrbL- total 5.1 bits
... ir
sd
{----------} sd-(9)-ir 3346355 Gap 2.3 bits
|----------| sd-ir 3346355 npr_yrbL- total 5.1 bits
*3346340 *3346330 *3346320 *3346310 *3346300 *3346290 *3346280 *3346270 *
5′ t t g a t t g a g a a c g a t t t c a g t a c g t g a t t t t c t t a t t g t c g g g g g g a g t t t g a a g g g a g t t g t a t g t c a a a g t g a t g a a g a 3′
- leu - ile - glu - asn - asp - phe - ser - thr -
-fMet - ser - lys -
-fMet - arg - thr - ile - ser - val - arg - asp - phe - leu - ile - val - gly - gly - ser - leu - lys - gly - val - val - cys - gln - ser - asp - glu - asp -
-fMet - ile - phe - leu - leu - ser - gly - gly - val -
-fMet - tyr - val - lys - val - met - lys - ile -
p35 4.6 bits
[###> orf 19 codons
ir npr_yrbL-
p10 2.1 bits
sd
[###> orf 4 codons
{----------} p35-(23)-p10 3346313 Gap 1.4 bits
{----------} sd-(7)-ir 3346278 Gap 3.7 bits
...← ir npr_yrbL-
|----------| sd-ir 3346278 npr_yrbL- total 6.2 bits
|----------| p35-p10 3346313 total 5.2 bits
... ir
{----------} sd-(15)-ir 3346270 Gap 6.0 bits
|----------| sd-ir 3346270 npr_yrbL- total 7.1 bits


*3346260 *
*3346250 *
5′ t t a a t c t t c a t c a a a a c c a g 3′
- asn - leu - his - gln - asn - gln -
<---------- ... NC_000913.npr
p10 5.2 bits
... ir npr_yrbL-
... ir npr_yrbL-
... ----} p35-(23)-p10 3346258 Gap 1.4 bits
... ----| p35-p10 3346258 total 9.4 bits


... ir
{----------} sd-(18)-ir 3346267 Gap 6.9 bits
|----------| sd-ir 3346267 npr_yrbL- total 8
p35 5.7 bits
{---------- ... p35-(23)-p10 3
|---------- ... p35-p10 334625