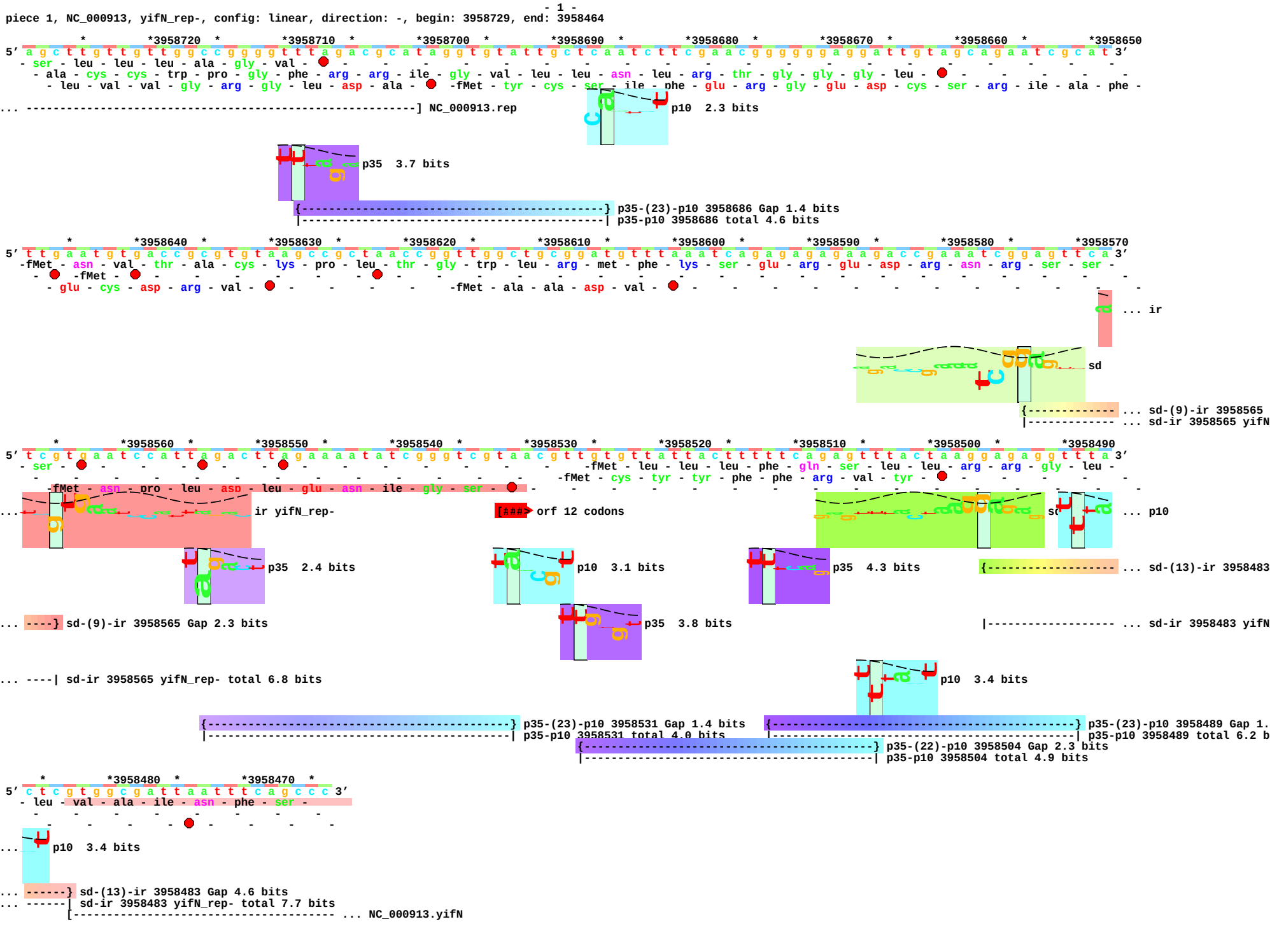
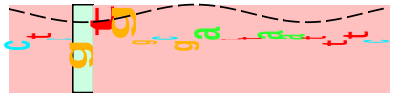

piece 1, NC_000913, yifN_rep-, config: linear, direction: -, begin: 3958729, end: 3958464
*3958720 *3958710 *3958700 *3958690 *3958680 *3958670 *3958660 *3958650
5′ a g c t t g t t g t t g g c c g g g g t t t a g a c g c a t a g g t g t a t t g c t c a a t c t t c g a a c g g g g g g a g g a t t g t a g c a g a a t c g c a t 3′
- ser - leu - leu - leu - ala - gly - val -
- ala - cys - cys - trp - pro - gly - phe - arg - arg - ile - gly - val - leu - leu - asn - leu - arg - thr - gly - gly - gly - leu -
- leu - val - val - gly - arg - gly - leu - asp - ala - -fMet - tyr - cys - ser - ile - phe - glu - arg - gly - glu - asp - cys - ser - arg - ile - ala - phe -
... ----------] NC_000913.rep
p10 2.3 bits
p35 3.7 bits
{----------} p35-(23)-p10 3958686 Gap 1.4 bits
|----------| p35-p10 3958686 total 4.6 bits
*3958640 *3958630 *3958620 *3958610 *3958600 *3958590 *3958580 *3958570
5′ t t g a a t g t g a c c g c g t g t a a g c c g c t a a c c g g t t g g c t g c g g a t g t t t a a a t c a g a g a g a g a a g a c c g a a a t c g g a g t t c a 3′
-fMet - asn - val - thr - ala - cys - lys - pro - leu - thr - gly - trp - leu - arg - met - phe - lys - ser - glu - arg - glu - asp - arg - asn - arg - ser - ser -
-fMet -
- glu - cys - asp - arg - val - -fMet - ala - ala - asp - val -
... ir
sd
{---------- ... sd-(9)-ir 3958565
|---------- ... sd-ir 3958565 yifN
*3958560 *3958550 *3958540 *3958530 *3958520 *3958510 *3958500 *3958490
5′ t c g t g a a t c c a t t a g a c t t a g a a a a t a t c g g g t c g t a a c g t t g t g t t a t t a c t t t t t c a g a g t t t a c t a a g g a g a g g t t t a 3′
- ser - leu - leu - leu - phe - gln - ser - leu - leu - arg - arg - gly - leu -
-fMet - cys - tyr - tyr - phe - phe - arg - val - tyr -
-fMet - asn - pro - leu - asp - leu - glu - asn - ile - gly - ser -
... ir yifN_rep- [###> orf 12 codons sd ... p10
p35 2.4 bits p10 3.1 bits p35 4.3 bits {---------- ... sd-(13)-ir 3958483
... ----} sd-(9)-ir 3958565 Gap 2.3 bits p35 3.8 bits |---------- ... sd-ir 3958483 yifN
... ----| sd-ir 3958565 yifN_rep- total 6.8 bits
p10 3.4 bits
{----------} p35-(23)-p10 3958531 Gap 1.4 bits
|----------| p35-p10 3958531 total 4.0 bits
{----------} p35-(23)-p10 3958489 Gap 1.
|----------| p35-p10 3958489 total 6.2 b
{----------} p35-(22)-p10 3958504 Gap 2.3 bits
|----------| p35-p10 3958504 total 4.9 bits
*3958480 *3958470
5′ c t c g t g g c g a t t a a t t t c a g c c c 3′
- leu - val - ala - ile - asn - phe - ser -
... p10 3.4 bits
... ------} sd-(13)-ir 3958483 Gap 4.6 bits
... ------| sd-ir 3958483 yifN_rep- total 7.7 bits
[---------- ... NC_000913.yifN



ir yifN_rep-