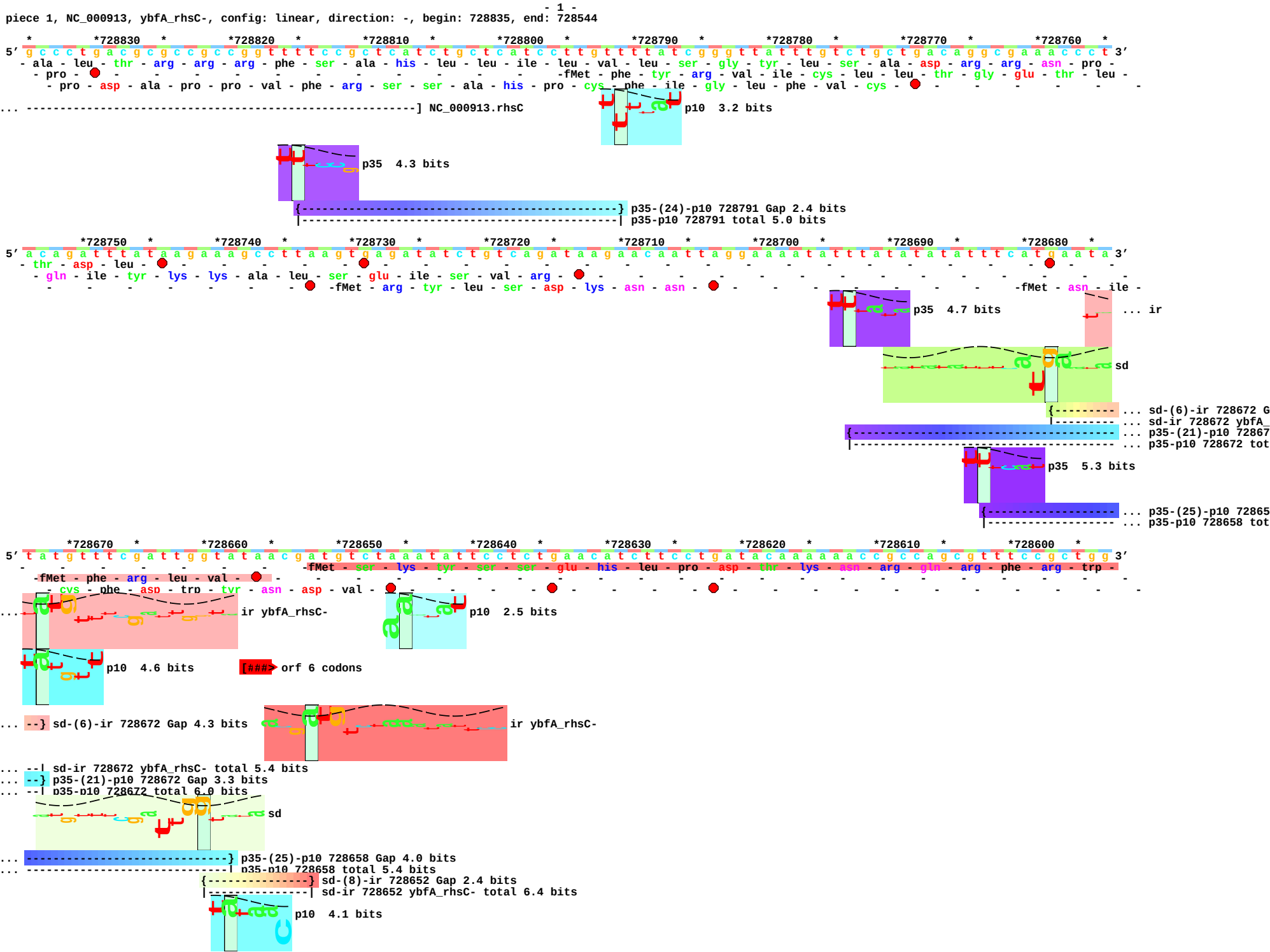
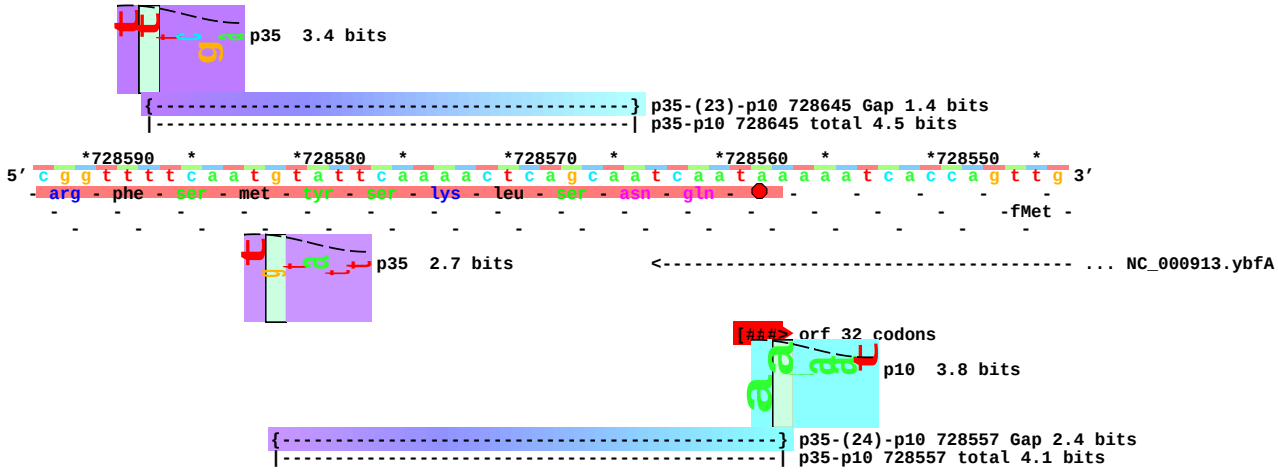

piece 1, NC_000913, ybfA_rhsC-, config: linear, direction: -, begin: 728835, end: 728544
*728830 *728820 *728810 *728800 *728790 *728780 *728770 *728760
5′ g c c c t g a c g c g c c g c c g g t t t t c c g c t c a t c t g c t c a t c c t t g t t t t a t c g g g t t a t t t g t c t g c t g a c a g g c g a a a c c c t 3′
- ala - leu - thr - arg - arg - arg - phe - ser - ala - his - leu - leu - ile - leu - val - leu - ser - gly - tyr - leu - ser - ala - asp - arg - arg - asn - pro -
- pro - -fMet - phe - tyr - arg - val - ile - cys - leu - leu - thr - gly - glu - thr - leu -
- pro - asp - ala - pro - pro - val - phe - arg - ser - ser - ala - his - pro - cys - phe - ile - gly - leu - phe - val - cys -
... ----------] NC_000913.rhsC
p10 3.2 bits
p35 4.3 bits
{----------} p35-(24)-p10 728791 Gap 2.4 bits
|----------| p35-p10 728791 total 5.0 bits
*728750 *728740 *728730 *728720 *728710 *728700 *728690 *728680
5′ a c a g a t t t a t a a g a a a g c c t t a a g t g a g a t a t c t g t c a g a t a a g a a c a a t t a g g a a a a t a t t t a t a t a t t t c a t g a a t a 3′
- thr - asp - leu -
- gln - ile - tyr - lys - lys - ala - leu - ser - glu - ile - ser - val - arg -
-fMet - arg - tyr - leu - ser - asp - lys - asn - asn -
-fMet - asn - ile -
p35 4.7 bits
... ir
sd
{---------- ... sd-(6)-ir 728672 G
|---------- ... sd-ir 728672 ybfA_
{---------- ... p35-(21)-p10 72867
|---------- ... p35-p10 728672 tot
p35 5.3 bits
{---------- ... p35-(25)-p10 72865
|---------- ... p35-p10 728658 tot
*728670 *728660 *728650 *728640 *728630 *728620 *728610 *728600
5′ t a t g t t t c g a t t g g t a t a a c g a t g t c t a a a t a t t c c t c t g a a c a t c t t c c t g a t a c a a a a a a a c c g c c a g c g t t t c c g c t g g 3′
-fMet - ser - lys - tyr - ser - ser - glu - his - leu - pro - asp - thr - lys - asn - arg - gln - arg - phe - arg - trp -
-fMet - phe - arg - leu - val -
- cys - phe - asp - trp - tyr - asn - asp - val -
... ir ybfA_rhsC-
p10 2.5 bits
p10 4.6 bits
[###> orf 6 codons
... --} sd-(6)-ir 728672 Gap 4.3 bits
ir ybfA_rhsC-
... --| sd-ir 728672 ybfA_rhsC- total 5.4 bits
... --} p35-(21)-p10 728672 Gap 3.3 bits
... --| p35-p10 728672 total 6.0 bits
sd
... ----------} p35-(25)-p10 728658 Gap 4.0 bits
... ----------| p35-p10 728658 total 5.4 bits
{----------} sd-(8)-ir 728652 Gap 2.4 bits
|----------| sd-ir 728652 ybfA_rhsC- total 6.4 bits
p10 4.1 bits


p35 3.4 bits
p35-(23)-p10 728645 Gap 1.4 bits
p35-p10 728645 total 4.5 bits
*728590
*728580
*728570
*728560
*728550
5' c g g t t t t c a a t g t a t t c a a a a a c t c a g c a a t c a a t a a a a a t c a c c a g t t g 3'
- arg - phe - ser - met - tyr - ser - lys - leu - ser - asn - gln -
-fMet -
p35 2.7 bits
<---------- ... NC_000913.ybfA
orf 32 codons
p10 3.8 bits
p35-(24)-p10 728557 Gap 2.4 bits
p35-p10 728557 total 4.1 bits