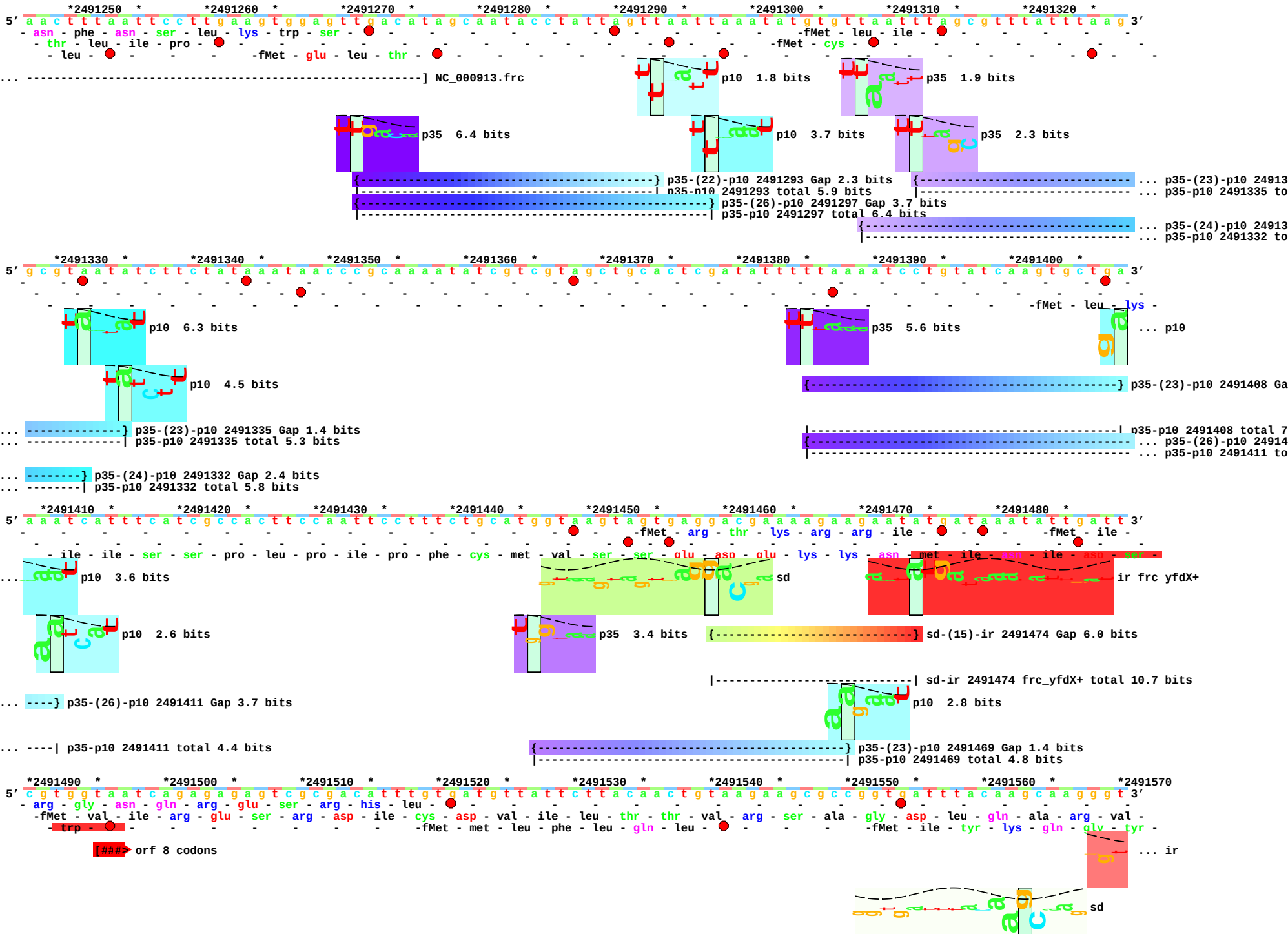
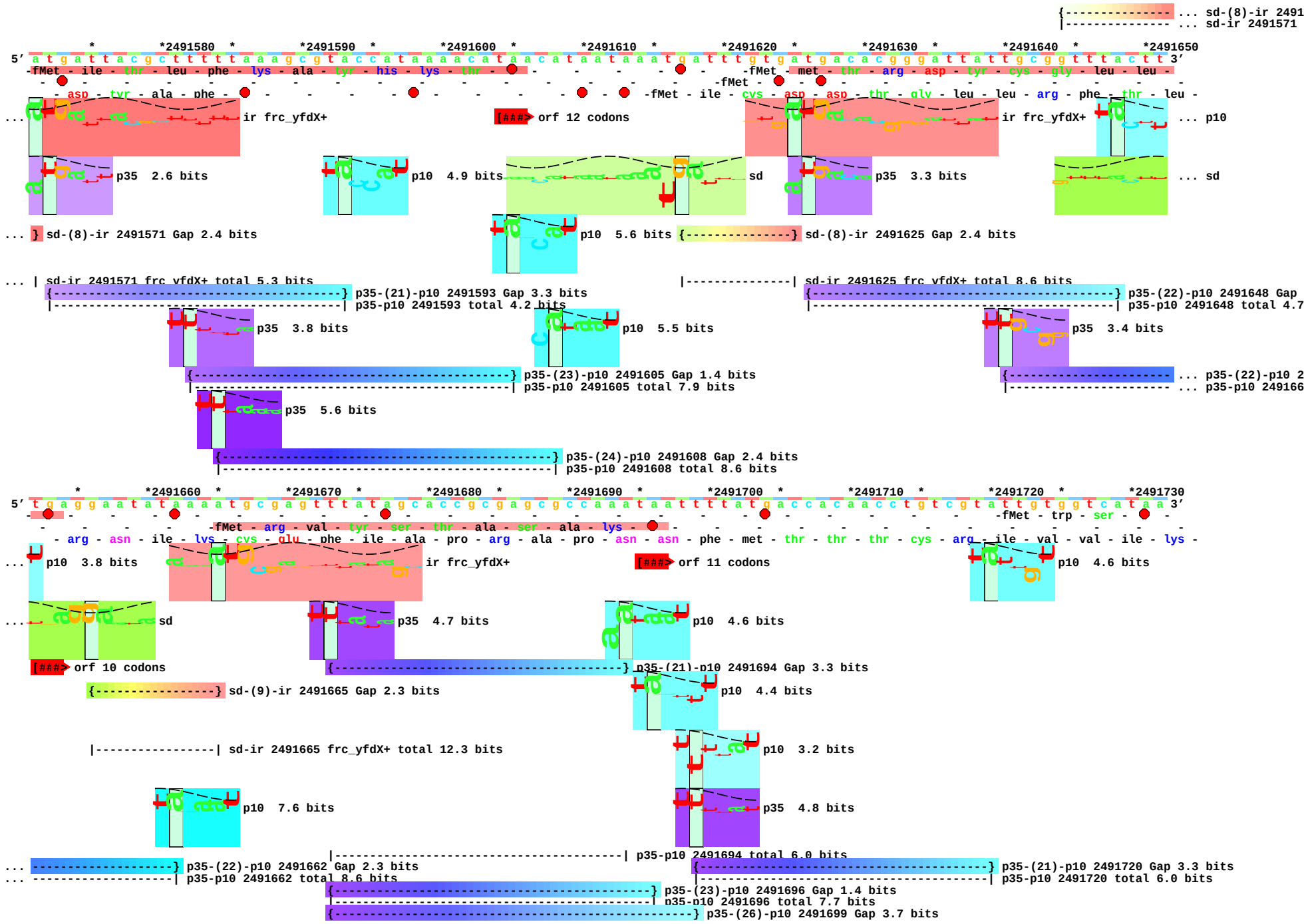
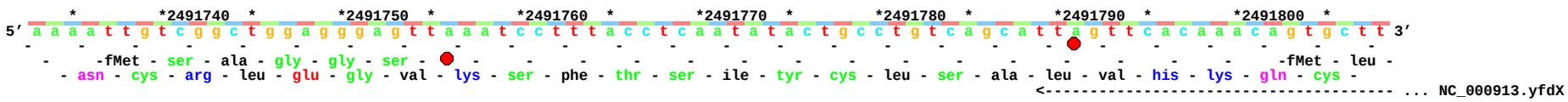
piece 1, NC_000913, frc_yfdX+, config: linear, direction: +, begin: 2491247, end: 2491808




sd-(8)-ir 2491
sd-ir 2491571
*2491580
*2491590
*2491600
*2491610
*2491620
*2491630
*2491640
*2491650
5′ a t g a t t a c g c t t t t t a a a g c g t a c c a t a a a a c a t a a c a t a a t a a a t g a t t t g t g a t g a c a c g g g a t t a t t g c g g t t t a c t t 3′
-fMet - ile - thr - leu - phe - lys - ala - tyr - his - lys - thr -
-fMet - met - thr - arg - asp - tyr - cys - gly - leu - leu -
- asp - tyr - ala - phe -
-fMet - ile - cys - asp - asp - thr - gly - leu - leu - arg - phe - thr - leu -
ir frc_yfdX+
[###> orf 12 codons
ir frc_yfdX+
... p10
p35 2.6 bits
p10 4.9 bits
sd
p35 3.3 bits
... sd
} sd-(8)-ir 2491571 Gap 2.4 bits
p10 5.6 bits
{ sd-(8)-ir 2491625 Gap 2.4 bits
... | sd-ir 2491571 frc_yfdX+ total 5.3 bits
| sd-ir 2491625 frc_yfdX+ total 8.6 bits
p35-(21)-p10 2491593 Gap 3.3 bits
p35-p10 2491593 total 4.2 bits
p35-(22)-p10 2491648 Gap
p35-p10 2491648 total 4.7
p35 3.8 bits
p10 5.5 bits
p35 3.4 bits
p35-(23)-p10 2491605 Gap 1.4 bits
p35-p10 2491605 total 7.9 bits
... p35-(22)-p10 2
... p35-p10 249166
p35 5.6 bits
p35-(24)-p10 2491608 Gap 2.4 bits
p35-p10 2491608 total 8.6 bits
*2491660
*2491670
*2491680
*2491690
*2491700
*2491710
*2491720
*2491730
5′ t g a g g a a t a t a a a a t g c g a g t t t a t a g c a c c g c g a g c g c c a a a t a a t t t t a t g a c c a c a a c c t g t c g t a t t g t g g t c a t a a 3′
-fMet - arg - val - tyr - ser - thr - ala - ser - ala - lys -
-fMet - trp - ser -
- arg - asn - ile - lys - cys - glu - phe - ile - ala - pro - arg - ala - pro - asn - asn - phe - met - thr - thr - thr - cys - arg - ile - val - val - ile - lys -
... p10 3.8 bits
ir frc_yfdX+
[###> orf 11 codons
p10 4.6 bits
... sd
p35 4.7 bits
p10 4.6 bits
[###> orf 10 codons
p35-(21)-p10 2491694 Gap 3.3 bits
{ sd-(9)-ir 2491665 Gap 2.3 bits
p10 4.4 bits
| sd-ir 2491665 frc_yfdX+ total 12.3 bits
p10 3.2 bits
p10 7.6 bits
p35 4.8 bits
| p35-p10 2491694 total 6.0 bits
... } p35-(22)-p10 2491662 Gap 2.3 bits
... | p35-p10 2491662 total 8.6 bits
{ p35-(21)-p10 2491720 Gap 3.3 bits
| p35-p10 2491720 total 6.0 bits
p35-(23)-p10 2491696 Gap 1.4 bits
p35-p10 2491696 total 7.7 bits
p35-(26)-p10 2491699 Gap 3.7 bits


|---| p35-p10 2491699 total 4.2 bits
*2491740
*2491750
*2491760
*2491770
*2491780
*2491790
*2491800
5’ a a a a t t g t c g g c t g g a g g g a g t t a a a t c c t t t a c c t c a a t a t a c t g c c t g t c a g c a t t a g t t c a c a a a c a g t g c t t 3’
-fMet - ser - ala - gly - gly - ser -
- asn - cys - arg - leu - glu - gly - val - lys - ser - phe - thr - ser - ile - tyr - cys - leu - ser - ala - leu - val - his - lys - gln - cys -
-fMet - leu -
<---------- ... NC_000913.yfdX