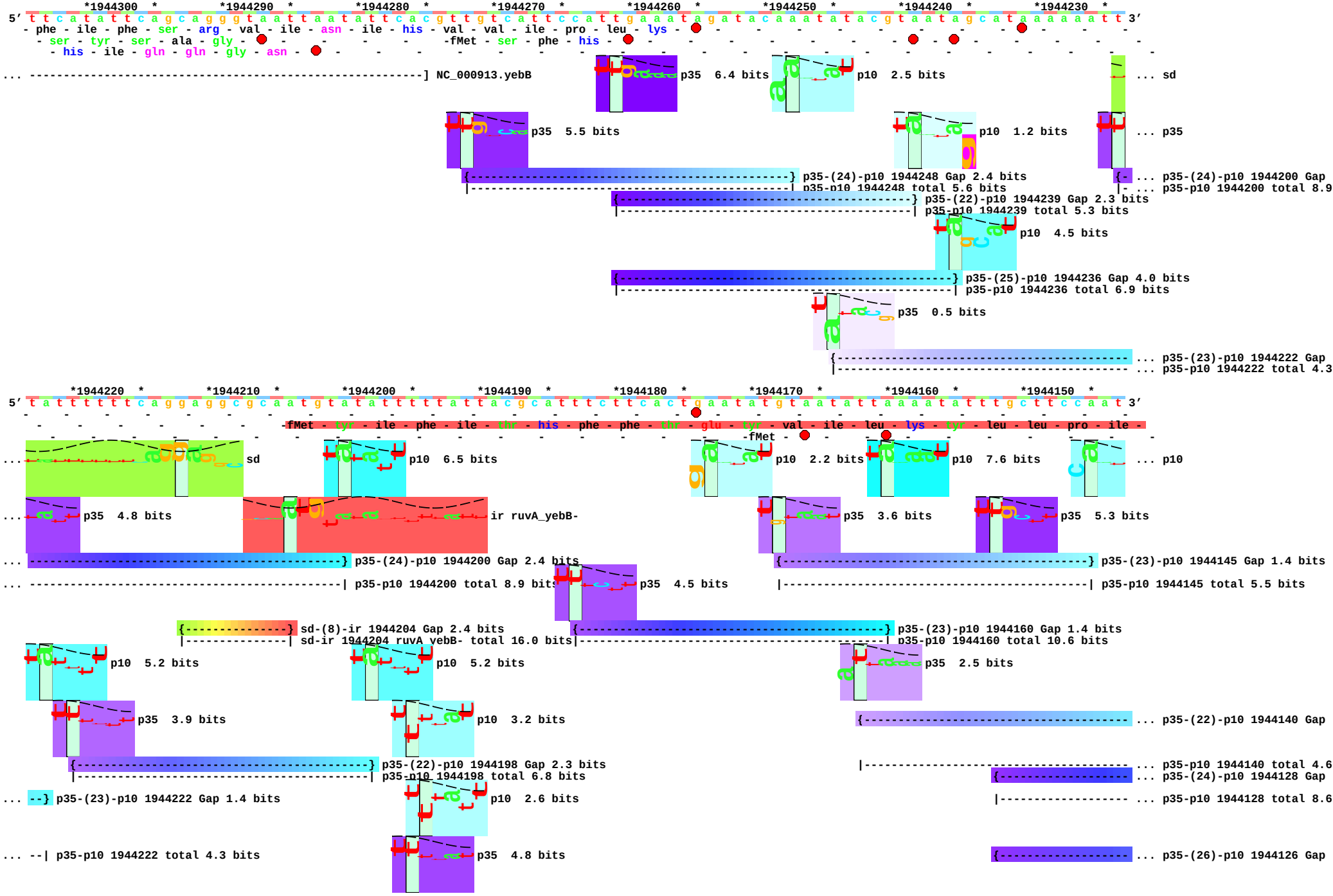
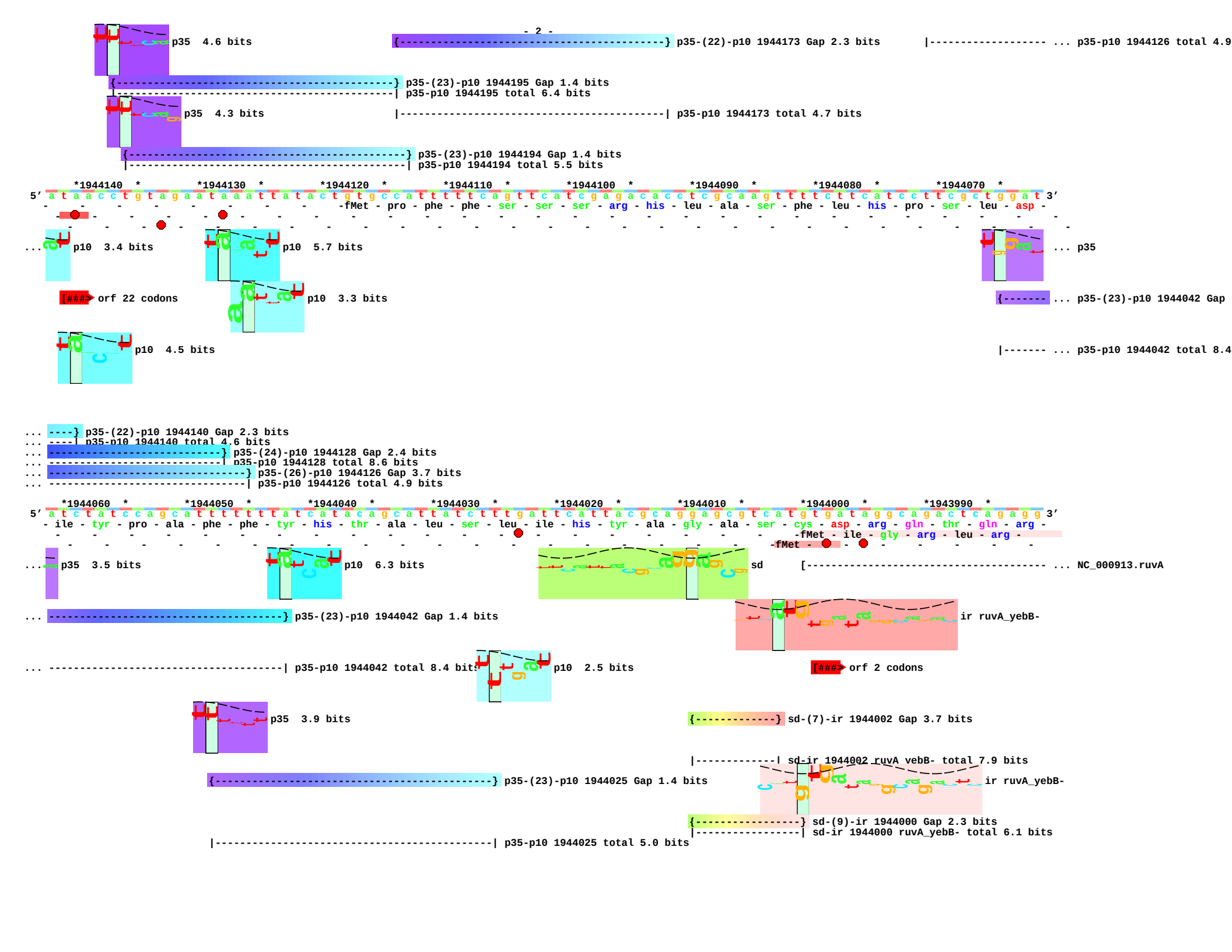
piece 1, NC_000913, ruvA_yebB-, config: linear, direction: -, begin: 1944304, end: 1943981




- 2 -
p35 4.6 bits
{----------} p35-(22)-p10 1944173 Gap 2.3 bits
|---------- ... p35-p10 1944126 total 4.9
{----------} p35-(23)-p10 1944195 Gap 1.4 bits
|----------| p35-p10 1944195 total 6.4 bits
p35 4.3 bits
|----------| p35-p10 1944173 total 4.7 bits
{----------} p35-(23)-p10 1944194 Gap 1.4 bits
|----------| p35-p10 1944194 total 5.5 bits
*1944140 *1944130 *1944120 *1944110 *1944100 *1944090 *1944080 *1944070 *
5′ a t a a c c t g t a g a a t a a a t t a t a c t g t g c c a t t t t t c a g t t c a t c g a g a c a c c t c g c a a g t t t t c t t c a t c c t t c g c t g g a t 3′
- - - - - - - - -fMet - pro - phe - phe - ser - ser - ser - arg - his - leu - ala - ser - phe - leu - his - pro - ser - leu - asp -
... p10 3.4 bits
p10 5.7 bits
... p35
[###> orf 22 codons
p10 3.3 bits
{------- ... p35-(23)-p10 1944042 Gap
p10 4.5 bits
|------- ... p35-p10 1944042 total 8.4
... ----} p35-(22)-p10 1944140 Gap 2.3 bits
... ----| p35-p10 1944140 total 4.6 bits
... ----------} p35-(24)-p10 1944128 Gap 2.4 bits
... ----------| p35-p10 1944128 total 8.6 bits
... ----------} p35-(26)-p10 1944126 Gap 3.7 bits
... ----------| p35-p10 1944126 total 4.9 bits
*1944060 *1944050 *1944040 *1944030 *1944020 *1944010 *1944000 *1943990 *
5′ a t c t a t c c a g c a t t t t t t t a t c a t a c a g c a t t a t c t t t g a t t c a t t a c g c a g g a g c g t c a t g t g a t a g g c a g a c t c a g a g g 3′
- ile - tyr - pro - ala - phe - phe - tyr - his - thr - ala - leu - ser - leu - ile - his - tyr - ala - gly - ala - ser - cys - asp - arg - gln - thr - gln - arg -
-fMet - ile - gly - arg - leu - arg -
-fMet -
... p35 3.5 bits
p10 6.3 bits
sd [---------- ... NC_000913.ruvA
... ----------} p35-(23)-p10 1944042 Gap 1.4 bits
ir ruvA_yebB-
... ----------| p35-p10 1944042 total 8.4 bits
p10 2.5 bits
[###> orf 2 codons
p35 3.9 bits
{----------} sd-(7)-ir 1944002 Gap 3.7 bits
|----------| sd-ir 1944002 ruvA_yebB- total 7.9 bits
{----------} p35-(23)-p10 1944025 Gap 1.4 bits
ir ruvA_yebB-
{----------} sd-(9)-ir 1944000 Gap 2.3 bits
|----------| sd-ir 1944000 ruvA_yebB- total 6.1 bits
|----------| p35-p10 1944025 total 5.0 bits