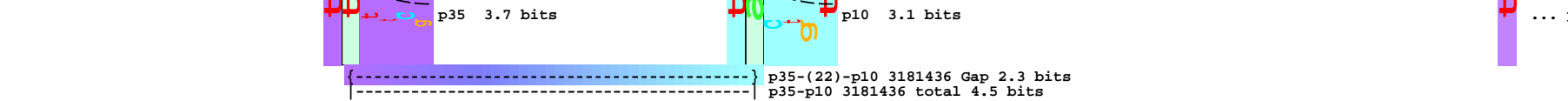


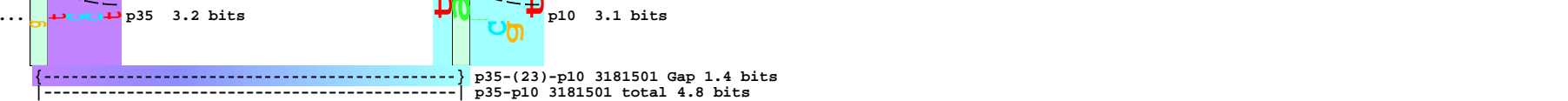
piece 1, NC_000913, zupT_ribB+, config: linear, direction: +, begin: 3181316, end: 3181854

5' ^{*3181320 *} g t g c t g c t a c a a a c g g c g g g a a t t g g t t a a a a c a a c a t c a g a a g t t g t c c a g c g c a t g g a c a a c t t c t g c c a g c t t c a c g 3'
 -fMet - leu - leu - gln - thr - ala - gly - ile - gly - ● - - - -fMet - ser - ser - ala - trp - thr - thr - ser - ala - ser - phe - thr -
 - cys - cys - tyr - lys - arg - arg - glu - leu - val - lys - asn - asn - ile - arg - ser - cys - pro - ala - his - gly - gln - leu - leu - pro - ala - ser - arg -
 - ala - ala - thr - asn - gly - gly - asn - trp - leu - lys - thr - thr - ser - glu - val - val - gln - arg - met - asp - asn - phe - cys - gln - leu - his - glu -

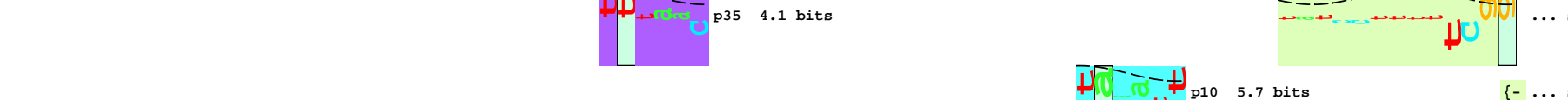
5' ^{*3181400 *} a a a g c c t t a t t c t a c c t t t t c g g c t g t c t c t c t c t c g t a c t g t t t a a g t a t t t g t t c c g c g c t t c a a g c a g t g c g t c t c t 3'
 - lys - ala - leu - phe - tyr - leu - phe - gly - cys - leu - phe - ser - arg - thr - val - ● - - - -
 - lys - pro - tyr - ser - thr - phe - ser - ala - val - ser - ser - leu - val - leu - phe - lys - tyr - leu - phe - arg - ala - ser - ser - ser - ala - ser - leu -
 - ser - leu - ile - leu - pro - phe - arg - leu - ser - leu - leu - ser - tyr - cys - leu - ser - ile - cys - ser - ala - leu - gln - ala - val - arg - leu - cys -



5' ^{*3181480 *} g t c c t g g c g a a a c g c c c g a c a a t a a c g t t t c a a a t g c a g g a a a t a a c c c a c c a c c a c c a g a g c a a t c a a t a c a a t c c a g t a 3'
 - ser - trp - arg - asn - ala - arg - gln - ● - - - -fMet - gln - glu - ile - thr - his - his - asn - gln - ser - asn - gln - tyr - asn - pro - val -
 - pro - gly - glu - thr - pro - asp - asn - asn - val - ser - asn - ala - gly - asn - asn - pro - pro - gln - pro - glu - gln - ser - ile - gln - ser - ser - thr -



5' ^{*3181560 *} c c a g g c g a t a a a c a t c c t t t t a c c c t t a a t a t t t a a c a a t a c t a a a c a t t t a g c g t a t a a a t t t c a c a t a t c c t t t t t c g g 3'
 - pro - gly - asp - lys - his - pro - phe - thr - leu - asn - ile - ● - - - -
 - arg - arg - ● - - - -

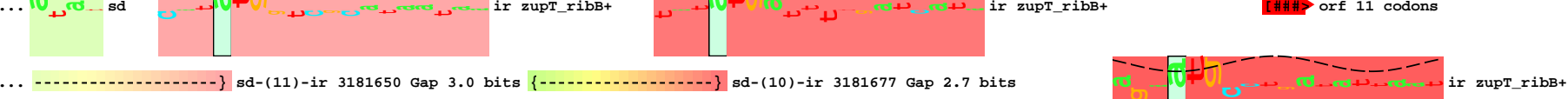


... {-----} p35-(26)-p10 3181617 Gap 3.7 bits | - ... sd-ir 3181650 zupT_ribB+
 |-----| p35-p10 3181617 total 6.2 bits p35 3.7 bits



... p35-(21)-p10 3181642 Gap
 ... p35-p10 3181642 total 7.0
 |-----| p35-p10 3181658 total 6.8

5' ^{*3181640 *} a t a t a t t c a t a t g g t c g c a t a a t a a c g g a a c a a t t a t a t g a t t t t g a t c a t a a t g a a a a g a a t g c c t g a t a t t a a t g a a a 3'
 -fMet - val - ala - ● - ● - - - -fMet - ile - leu - ile - ile - met - lys - lys - asn - ala - ● - ● - ● -
 -fMet - pro - asp - ile - asn - glu - ile -



... |-----| sd-ir 3181650 zupT_ribB+ total 5.2 bits p10 6.4 bits ir zupT_ribB+



