

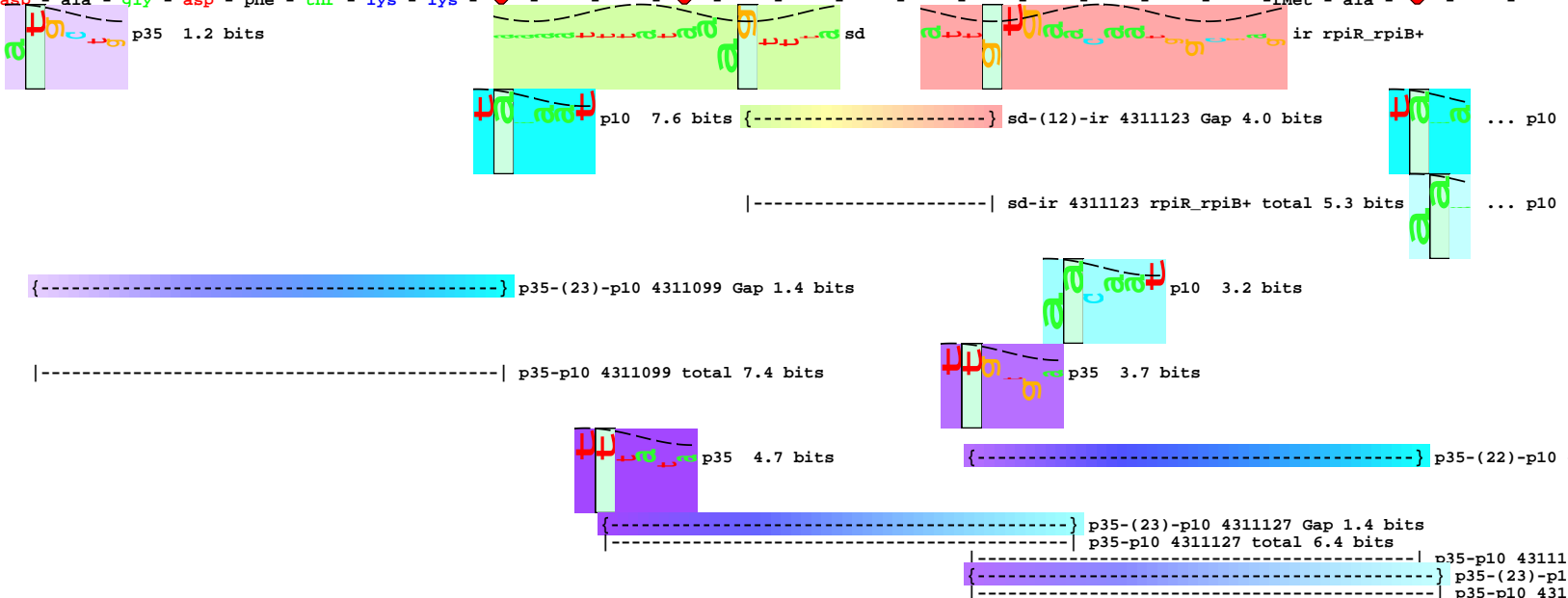
piece 1, NC_000913, rpiR_rpiB+, config: linear, direction: +, begin: 4310985, end: 4311392

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

-----] NC_000913.rpiR

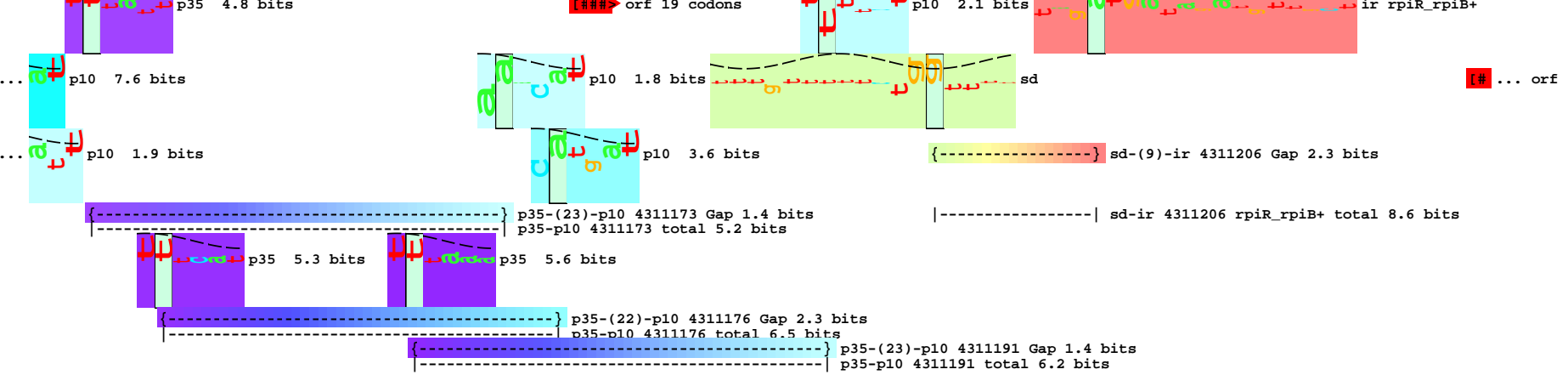
5' **a c a g a a a a g a t g c t g g c g a c t t c a c a a a a a a a t a a a a t t t a t a a a g t t t t a t t t t a t t g t g a a c a a t g g c g a g t g g c t t a a a** 3'
 - fMet - leu - ala - thr - ser - gln - lys - asn - lys - ile - tyr - lys - val - tyr - phe - ile - val - asn - asn - gly - glu - trp - leu - lys - ●
 - arg - lys - asp - ala - gly - asp - phe - thr - lys - lys - ● - fMet - ● - fMet - ala - ser - gly - leu - lys - ● - fMet - ala - ●

-----] NC_000913.rpiR



5' **a t t t t a t t t c a t t t a a t t a g t t t a a a a c a t g a t g t t a t t t t g t t t t t c t g g t t t t t a g a t g a t a g a t g t t g c t g g a t g g t** 3'
 - ile - leu - phe - his - leu - ile - ser - leu - lys - thr - ● - fMet - phe - phe - trp - phe - phe - arg - ● - fMet - leu - leu - asp - gly -
 - phe - tyr - phe - ile - ● - ● - fMet - met - leu - phe - val - phe - leu - val - phe - ● - fMet - ile - asp - val - ala - gly - trp - ● -

-----] NC_000913.rpiR

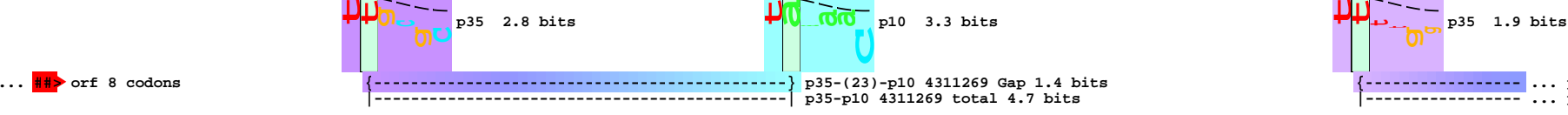


*4311230 * *4311240 * *4311250 * *4311260 * *4311270 * *4311280 * *4311290 * *4311300 *

5' g a g t g t c t t t a a c g c t a t t g c g c t g t c a g a t g t a a c t c t g t a a a a c a g a t c a g g a a g g c g t a a t t c a t c g a t t t t g g g t g t 3'

- glu - cys - leu - ser - val - phe - asn - ala - ile - ala - leu - ser - asp - val - thr - leu - - - - -fMet - gly - val -

-fMet - ser - leu - thr - leu - arg - cys - gln - met - - - - -fMet - phe -



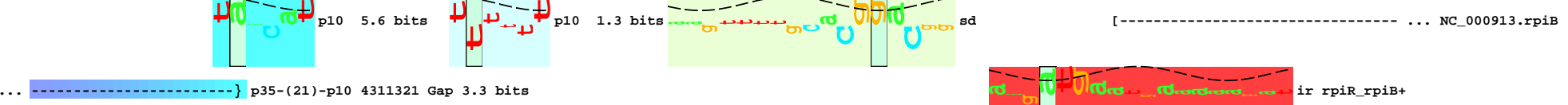
... ##> orf 8 codons

*4311310 * *4311320 * *4311330 * *4311340 * *4311350 * *4311360 * *4311370 * *4311380 *

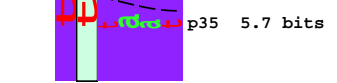
5' t t t t a a t t c a t t a a c a t c a c a a a t g t t t t t t g a t t g t g a a g t t t t g c a c g g a c g g g g a a g a t g a a t g a a a a a g a t t g c a t t 3'

- phe - asn - ser - leu - thr - ser - gln - met - phe - phe - asp - cys - glu - val - leu - his - gly - arg - gly - arg - -fMet - -fMet - gln - lys - -fMet - lys - lys - ile - ala - phe -

- leu - ile - his - -fMet - ile - val - lys - phe - cys - thr - asp - glv - glu - asp - glu - -fMet - his - leu -



... | p35-p10 4311321 total 4.2 bits



{-----} p35-(24)-p10 4311335 Gap 2.4 bits

|-----| p35-p10 4311335 total 4.5 bits

*4311390
5' t g g 3'
- trp -

... ----- ... NC_000913.rpiB