

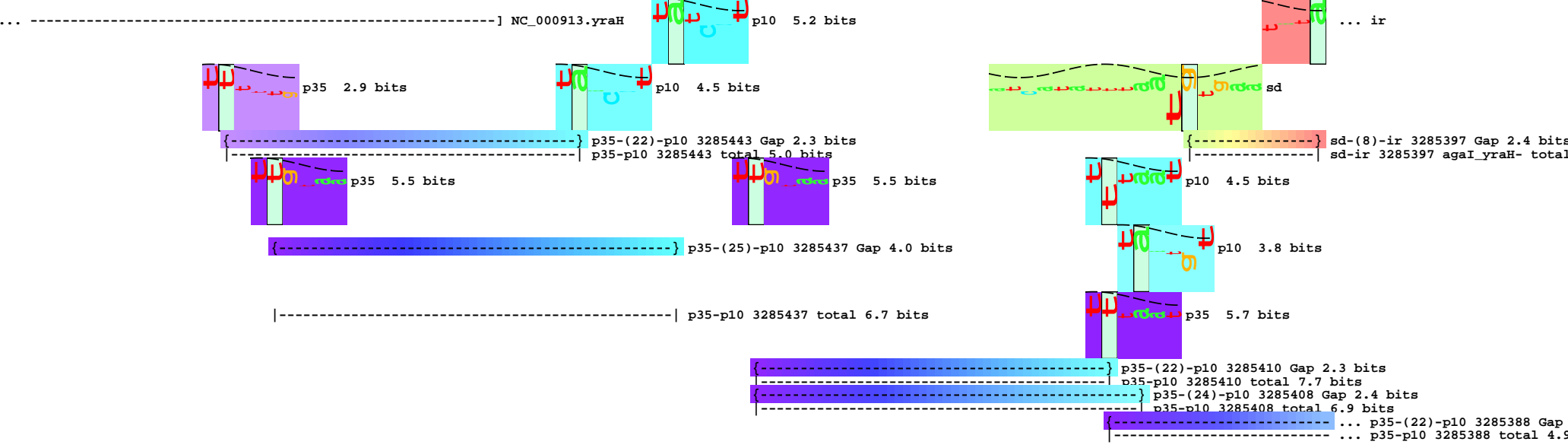
piece 1, NC_000913, agaI_yraH-, config: linear, direction: -, begin: 3285477, end: 3285028

5' ^{*}c g c a a t a g c t g t t t t g t a a c t t t a t t c a t a t a t a a c c t t a t c c t t g t a a c a g t a c a t a a t c a t a t t t a a t g t g a a t a t a 3'

- arg - asn - ser - cys - phe - cys - asn - phe - ile - his - ile - ● - fMet - asn - ile -

- ala - ile - ala - val - phe - val - thr - leu - phe - ile - tyr - asn - leu - ile - leu - val - thr - ser - thr - ● - fMet - ● - fMet - ● - fMet - ●

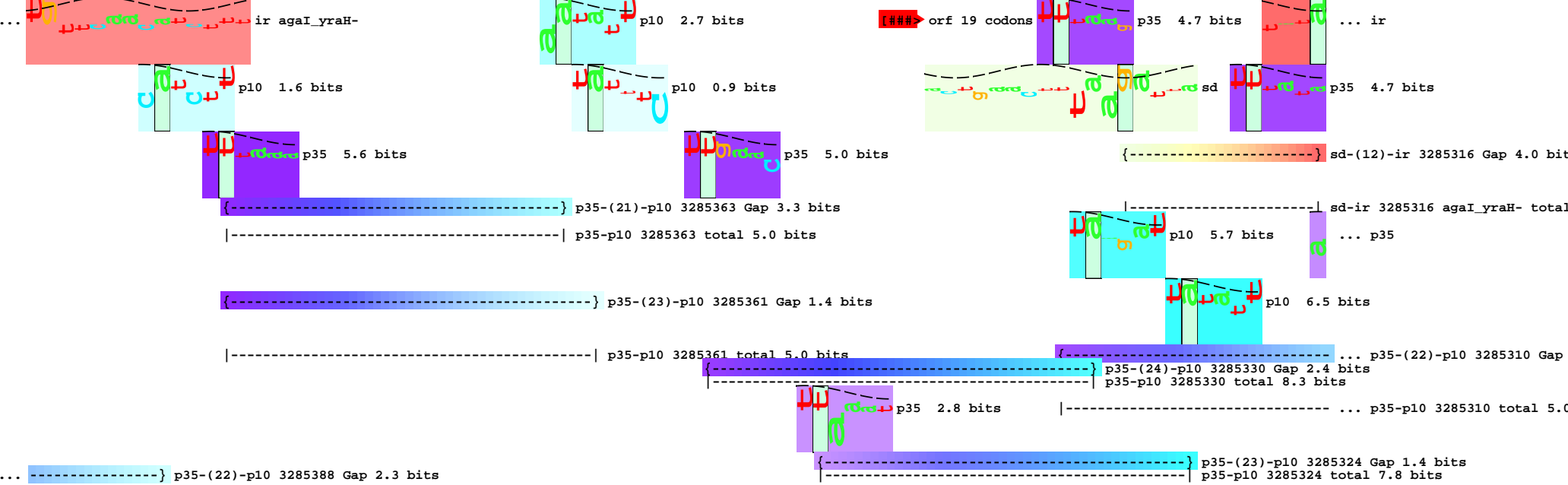
- gln - ● - fMet - ● - fMet - ● - fMet - ●



5' ^{*}t g t t c a a c a t c t t t a a a g a t t a t a c a g g c a g a a a t a t t t c a t t g a a c a t t a a a t a g a c t g a a c t t t a a g a t t a t a t t t a t a 3'

- cys - ser - thr - ser - leu - lys - ile - ile - gln - ala - glu - ile - phe - his - ● - fMet - ● - fMet - ● - fMet - ●

- phe - ● - ile - phe - lys - asp - tyr - thr - gly - arg - ● - ile - ser - leu - asn - ile - lys - ● - fMet - ●



... p35-(22)-p10 3285388 Gap 2.3 bits

... -----| p35-p10 3285388 total 4.9 bits

p35 1.9 bits

{-----} ... p35-(24)-p10 3285301 Gap
 {-----} ... p35-p10 3285301 total 4.7
 {-----} ... p35-(22)-p10 3285298 Gap
 {-----} ... p35-p10 3285298 total 4.8
 {-----} ... p35-(23)-p10 3285297 Gap
 {-----} ... p35-p10 3285297 total 4.4
 {-----} ... p35-(25)-p10 3285295 Gap
 {-----} ... p35-p10 3285295 total 4.9

*3285310 * *3285300 * *3285290 * *3285280 * *3285270 * *3285260 * *3285250 * *3285240 *
 5' t g c a a a t a t t t g a t a t t t t c a t t a t a t t g a t a t c a a t t t t c t a t g t a t t c a a a g a g t a t a a a t g c c t g a c t t t g c t g c g c 3'
 -fMet - ile - phe - asp - ile - phe - ser - leu - tyr - - - - -fMet - tyr - ser - lys - glu - tyr - lys - cys - leu - thr - leu - leu - arg -

... ir agaI_yraH- p10 6.5 bits p10 1.7 bits [###] orf 21 codons p35 4.3 bits
 ile - phe - asp - ile - phe - ile - ile - leu - ile - ser - ile - phe - tyr - val - phe - lys - arg - val - -fMet - pro - asp - phe - ala - ala - pro -

p10 2.7 bits p10 1.2 bits p10 1.5 bits p35 4.3 bits
 p10 5.2 bits sd ... p35-(21)-p10 3285221 Gap
 p10 2.4 bits {-----} sd-(8)-ir 3285253 Gap 2.4 bits

p35 3.0 bits p10 4.2 bits |-----| sd-ir 3285253 agaI_yraH- total 10.1 bits

{-----} p35-(23)-p10 3285292 Gap 1.4 bits |-----| ... p35-p10 3285221 total 4.7
 {-----} p35-(22)-p10 3285310 Gap 2.3 bits |-----| p35-p10 3285292 total 8.0 bits

p35 5.6 bits
 p35-p10 3285310 total 5.0 bits
 {-----} p35-(24)-p10 3285281 Gap 2.4 bits
 {-----} p35-p10 3285281 total 4.7 bits

p35 4.6 bits
 {-----} p35-(24)-p10 3285301 Gap 2.4 bits
 {-----} p35-p10 3285301 total 4.7 bits
 {-----} p35-(22)-p10 3285298 Gap 2.3 bits
 {-----} p35-p10 3285298 total 4.8 bits
 {-----} p35-(23)-p10 3285297 Gap 1.4 bits
 {-----} p35-p10 3285297 total 4.4 bits
 {-----} p35-(25)-p10 3285295 Gap 4.0 bits
 {-----} p35-p10 3285295 total 4.9 bits

{-----} p35-(23)-p10 3285276 Gap 1.4 bits
 {-----} p35-p10 3285276 total 4.9 bits

*3285230 * *3285220 * *3285210 * *3285200 * *3285190 * *3285180 * *3285170 * *3285160 *
 5' c a g g g g g c g a g t c a g a a t a c g a g g t g a t t a t t a a t a g a a c a a g t t a t a t g t a t a t c t a a a a t t a a a t t g t t g a a c a t a a c 3'
 -gln - gly - ala - ser - gln - asn - thr - arg - - - -fMet - tyr - ile - - - -fMet - leu - asn - ile - thr -

gly - gly - glu - ser - glu - tyr - glu - val - ile - tyr - - - - ir agaI_yraH-
 p10 3.7 bits [###] orf 18 codons

