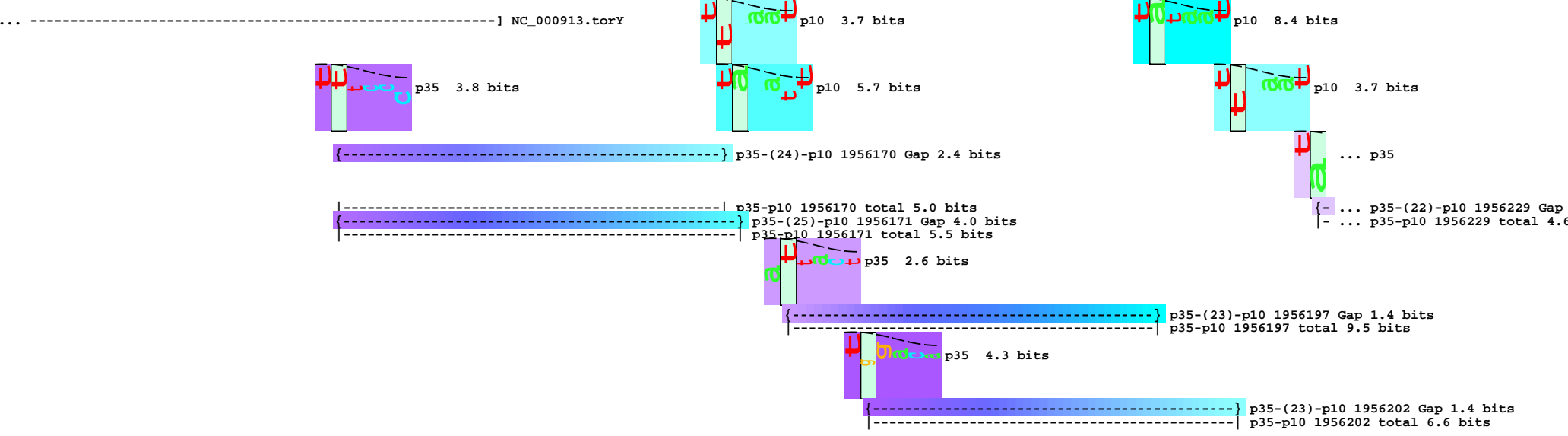


piece 1, NC_000913, torY_cutC+, config: linear, direction: +, begin: 1956127, end: 1956563

5' ^{*1956130 *} c a a t a a c c c a a t g c g t t t t t t c c c t c g c a t a g a t t c c t c t a a t t a a a t t a c t g g a c a c c g a a a t c a t t g t a t a a t t a a a t a 3'

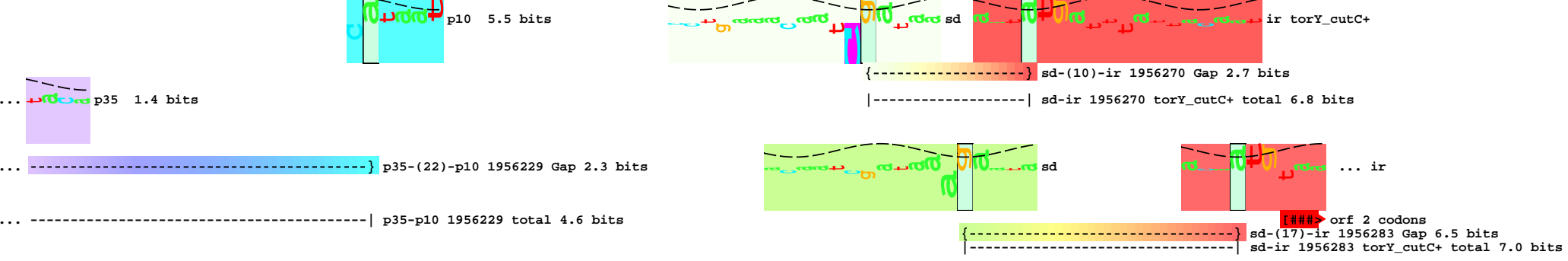
- gln - asn - asn - pro - met - arg - phe - phe - pro - arg - ile - asp - ser - ser - asn - fMet - tyr - asn -

- ile - thr - gln - cys - val - phe - ser - leu - ala -



5' ^{*1956210 *} t a c a a c g a a t t a a c c g c t t g c a t a a t t a g g c a c a a c a c t g c c t g a a a c a a t c g a t a a a g a a t a t g a t t t a t t a c a a t g t a a 3'

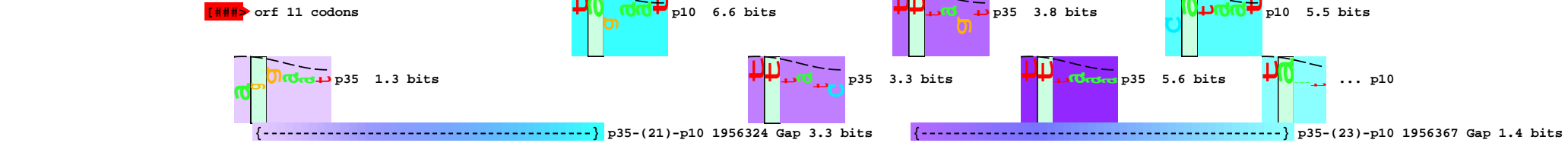
- fMet - his - asn - fMet - ile - tyr - tyr - val - ile -



5' ^{*1956290 *} t c a t t a a t t g c t a a g g a a t a a c c c a g t t g c t a t t t a g a a t a t a t a t t t a t c a g t t t t a g t a a t t t a a a t c c c a t a a t t a a t 3'

- fMet - leu - arg - asn - asn - pro - val - ala - ile - fMet - leu - phe - arg - ile - tyr - ile - tyr - gln - phe - fMet -

- ile - cys -



... ir torY_cutC+ {-----} p35-(26)-p10 1956361 Gap 3.7 bits

-----| p35-p10 1956324 total 4.6 bits |-----| p35-p10 1956367 total 6.2 bits

-----| p35-p10 1956361 total 5.1 bits

-----| p35-(21)-p10 1956373 Gap 4.5 bits

-----| p35-p10 1956373 total 4.5 bits

*1956370 * *1956380 * *1956390 * *1956400 * *1956410 * *1956420 * *1956430 * *1956440 * *1956450

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

-fMet - asn - ile - tyr - asn - ile - phe - ser - thr - thr - leu - cys - ala - leu - ser - pro - ala - gln - gln - ile - thr - val - ile - val - arg - phe - leu -

-fMet - arg - thr - val - thr - arg - ser - thr - asp - his - gly - tyr - arg - ser - phe - phe - ile -

p10 2.2 bits

... p10 3.8 bits

... {-----} p35-(21)-p10 1956373 Gap 3.3 bits

... -----| p35-p10 1956373 total 4.5 bits

*1956460 * *1956470 * *1956480 * *1956490 * *1956500 * *1956510 * *1956520 * *1956530

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

- tyr - cys - ser - gly - ile - lys - lys - gly - pro - cys - -fMet - gly - asp - met - met -

- leu - phe - arg - asp - lys - lys - arg - pro - leu - leu - lys - leu - gln - gly - pro - gly - thr - ser - lys - his - his - ile - gly - arg - his - asp - ala -

p35 5.2 bits p10 3.5 bits ... ir

sd

{-----} sd-(8)-ir 1956529 Gap 2.4 bits

{-----} sd-ir 1956529 torY_cutC+ total 6.0

{-----} p35-(24)-p10 1956511 Gap 2.4 bits

-----| p35-p10 1956511 total 6.2 bits

*1956540 * *1956550 * *1956560

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

-gln - arg - -fMet - ala -fMet - ala -

- thr - val - lys - ile - ile - trp - pro - asp - gly - val -

... ir torY_cutC+

... NC_000913.cutC

[###] orf 4 codons