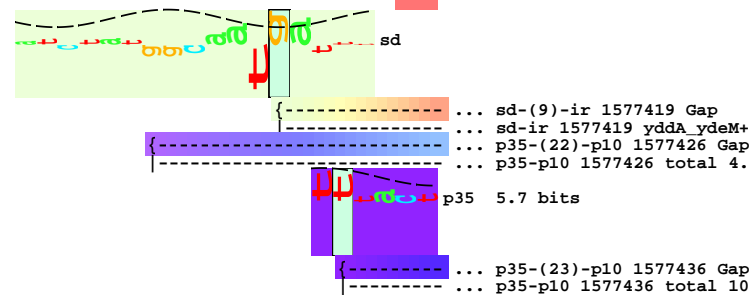
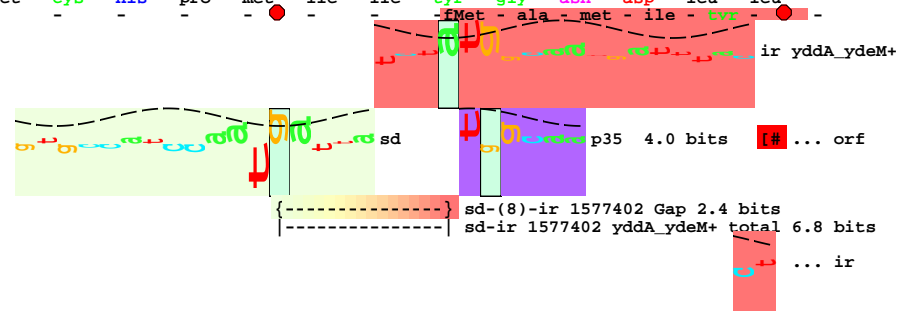


piece 1, NC_000913, yddA_ydeM+, config: linear, direction: +, begin: 1577337, end: 1577676

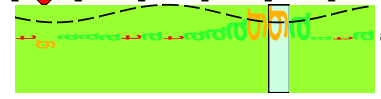
*1577340 * *1577350 * *1577360 * *1577370 * *1577380 * *1577390 * *1577400 * *1577410 *
 5' c a t a c g a a g c g t a a t g g g a a t g g t t a t c a t t a g c g a a a a t t g a t t g t g c c a t c c a a t g a t t a t c t a t g g c a a t g a t t t a c t 3'
 - his - thr - lys - arg - asn - gly - asn - gly - tyr - his - fMet - ile - val - pro - ser - asn - asp - tyr - leu - trp - gln - leu - leu -
 - ile - arg - ser - val - met - gly - met - val - ile - ile - ser - glu - asn - fMet - cys - his - pro - met - ile - ile - tyr - gly - asn - asp - leu - leu -
 - tyr - glu - ala -

...-----] NC_000913.yddA



*1577420 * *1577430 * *1577440 * *1577450 * *1577460 * *1577470 * *1577480 * *1577490 *
 5' g a t g a a a t t t a t t t a a g t a t c a t t t a a c a a t a t g a a a t a t a a a g g a a t a t t t c a t t t t c a g t g g t t a t g g t t a t g c t a t t g 3'
 - met - lys - phe - ile - fMet - lys - tyr - lys - gly - ile - phe - his - phe - gln - trp - leu - trp - leu - cys - tyr -

orf 5 codons



... ## orf 6 codons

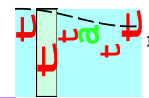


p10 6.3 bits

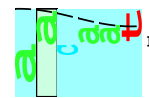
sd-(16)-ir 1577478 Gap 6.4 bits



sd

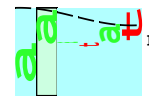


p10 2.6 bits

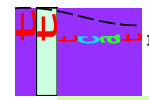


p10 3.2 bits

sd-ir 1577478 yddA_ydeM+ total 7.1 bits



p10 2.5 bits



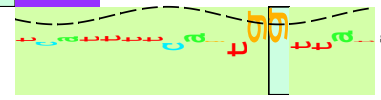
p35 5.3 bits



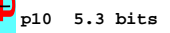
ir



ir yddA_ydeM+

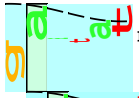


sd



p10 5.3 bits

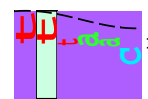
p35-(24)-p10 1577444 Gap 2.4 bits



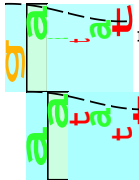
p10 2.2 bits

sd-(9)-ir 1577490 Gap 2.3 bits

sd-(9)-ir 1577419 Gap 2.3 bits

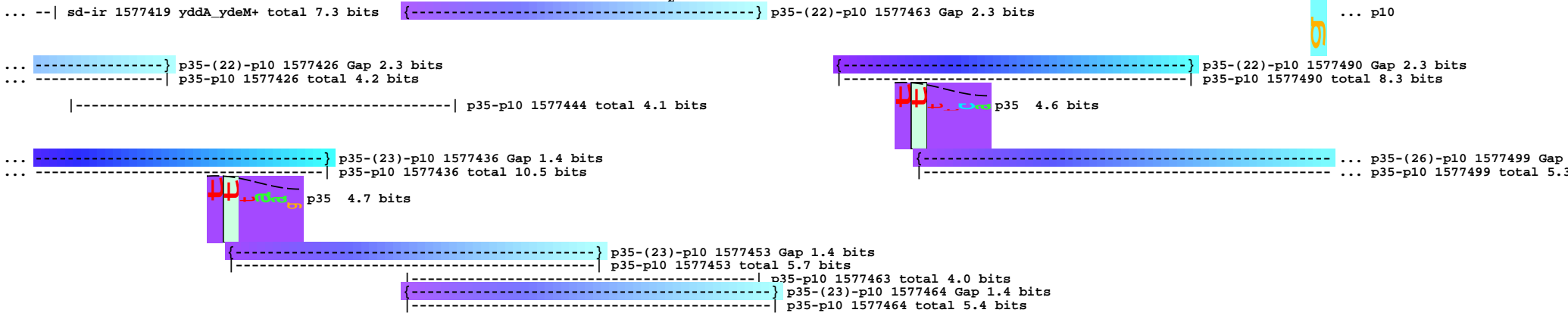


p35 4.1 bits



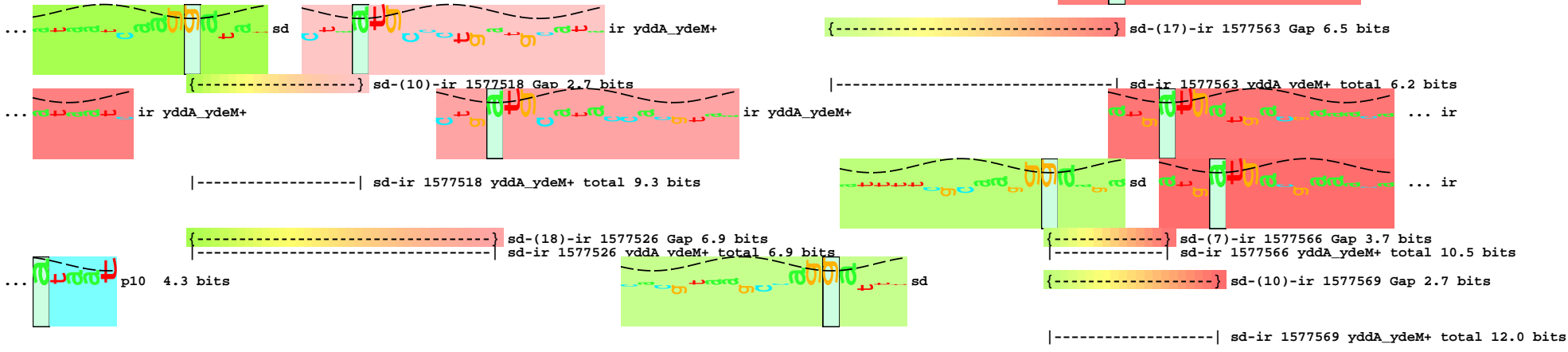
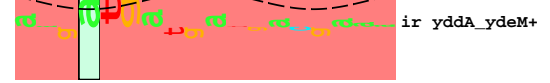
p10 2.7 bits

sd-ir 1577490 yddA_ydeM+ total 9.0 bits

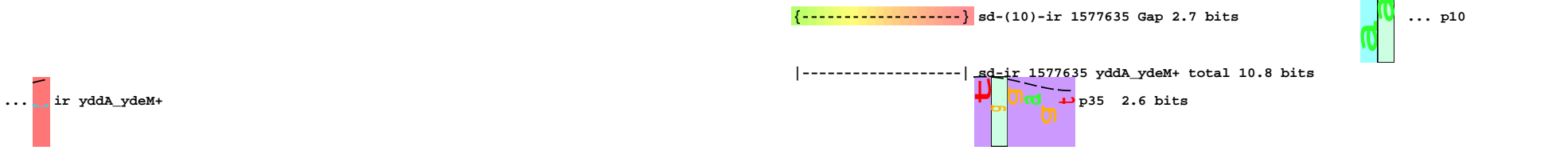
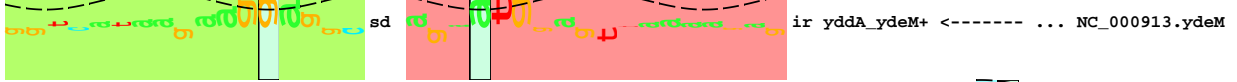


5' *1577500 * *1577510 * *1577520 * *1577530 * *1577540 * *1577550 * *1577560 * *1577570 *
 - a t a a t c a a g g a t a t t g c t a a t g c c e t g a t g c a t a c c a c g t a a g c c a g g a t t t t c g c a a g g g a a g a t g a t g a t g a c g a a a c a 3'
 - ile ile lys asp ile ala ala leu met his thr thr fMet met met thr lys his

###> orf 3 codons ###> orf 21 codons



5' *1577580 * *1577590 * *1577600 * *1577610 * *1577620 * *1577630 * *1577640 * *1577650 * *1577660 *
 - c c c g a c a g g a a t t t a t g t c g g g t g c t t g t t a a g g t c a t a a g a a g g a g g c t a a g a a t g g a g t t a a a a g a g a g c g t t a t t a a 3'
 - pro thr gly ile tyr val gly cys leu val lys val ile arg arg arg leu arg met glu leu lys glu ser val ile asn
 - fMet ser gly ala leu leu arg ser



... ir yddA_ydeM+

5' ^{*} t t a t t c t c c a t t t g t t ^{*} 3'
- tyr - ser - pro - phe - val -
-fMet -

... NC_000913.ydeM

... p10 3.3 bits

... p10 6.0 bits

... p35-(21)-p10 1577663 Gap 3.3 bits
... p35-p10 1577663 total 5.3 bits

{-----} p35-(23)-p10 1577660 Gap 1.4 b

-----| p35-p10 1577660 total 4.5 bits

p10 p35 2.7 bits

{-----} ... p35-(21)-p10 1577663 Gap
-----| ... p35-p10 1577663 total 5.3