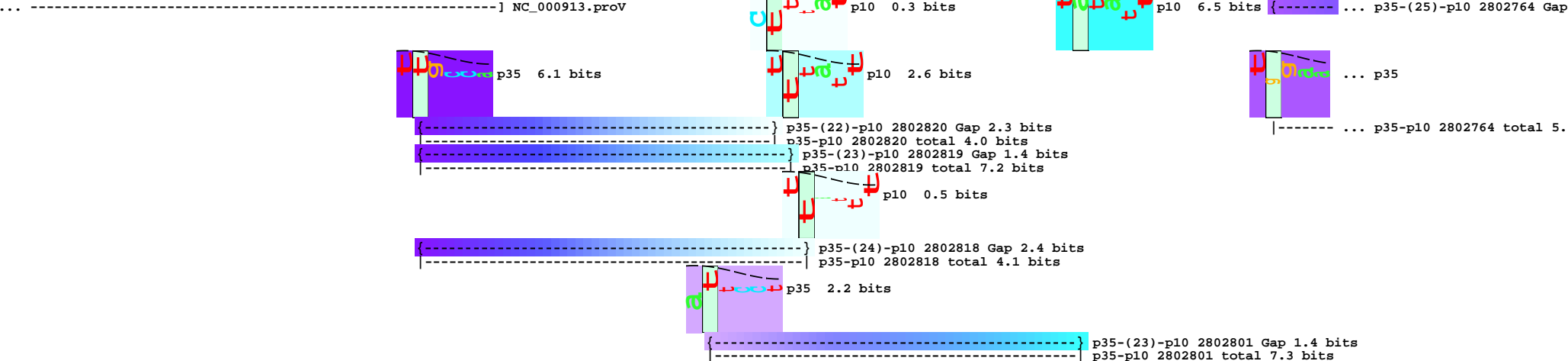
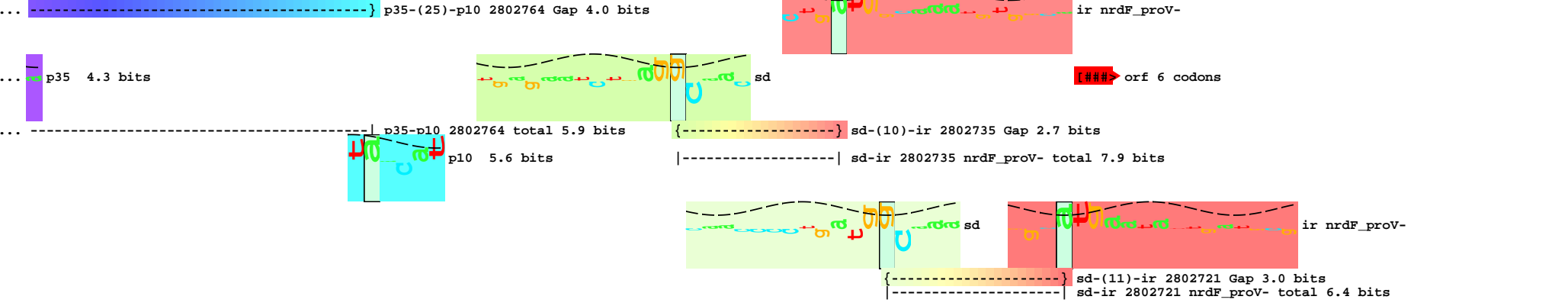


piece 1, NC_000913, nrdF_proV-, config: linear, direction: -, begin: 2802866, end: 2802464

*2802860 *2802850 *2802840 *2802830 *2802820 *2802810 *2802800 *2802790
 5' a a g a t t t t a a t t t c t a a t t t a a t t g c c a t g c a a t a g a a a g a t t c c t t t a t t t g t c t a t g t c g a t a t a t t a c c c a a t g g a a 3'
 - lys - ile - phe - asn - phe - fMet - ser - met - ser - ile - tyr - tyr - pro - met - glu -
 - arg - phe - leu - ile - ser - asn - leu - ile - ala - met - gln - - - - -
 - asp - phe - - - - - fMet - pro - cys - asn - arg - lys - ile - pro - leu - phe - val - tyr - val - asp - ile - leu - pro - asn - gly - asn -



*2802780 *2802770 *2802760 *2802750 *2802740 *2802730 *2802720 *2802710
 5' a t a g t c a c t t t t t t c t a c c c t a a c a t a c t g a g a a t c t g a g g c a a c c c c t g a t g g c a a a t g t g g c a t g a a t a t t g a t g c g a g 3'
 - ile - val - thr - phe - phe - tyr - pro - asn - ile - leu - arg - ile - fMet - trp - his - glu - tyr -
 - ser - his - phe - phe - leu - pro - - - - - fMet - ala - asn - val - ala - - - - - fMet - met - arg - ala -



*2802700 *2802690 *2802680 *2802670 *2802660 *2802650 *2802640 *2802630
 5' c a a a t c g c c g g a a t t t c c c g t g a t a t a a g g g c t g a g a g c a a a t c g a g a a a g t t g a t a t t t t t t g t c a a a g a t a g c g a a a a 3'
 - lys - ser - pro - glu - phe - pro - val - ile - - - - - fMet - ile - phe - phe - val - lys - asp - ser - glu - lys -
 - asn - arg - arg - asn - phe - pro - - - - - fMet - ser - lys - ile - ala - lys - lys -



*2802620 *2802610 *2802600 *2802590 *2802580 *2802570 *2802560 *2802550
 5' a c g c c t g a a t a t t g t g g t t t c a g g c g a a t a a t g c a a c a g a g t a t c a g t g t a g a t c a c c c a a a a t t a t t t g c g t g a t a a a a a 3'
 - thr - pro - glu - tyr - cys - gly - phe - arg - arg - ile - met - gln - gln - ser - ile - ser - val - asp - his - his - lys - leu - phe - ala - - - - -
 - arg - leu - asn - ile - val - val - ser - gly - glu - - - - - fMet - - - - - fMet - arg - asp - lys - lys -



-fMet - trp - phe - gln - ala - asn - asn - ala - thr - glu - tyr - gln - cys - arg - ser - pro - gln - ile - ile - cys - val - ile - lys - ser -

p10 2.2 bits

ir nrdF_proV-

###> orf 15 codons

p35-(26)-p10 2802616 Gap 3.7 bits

p35-p10 2802616 total 4.1 bits

sd-(7)-ir 2802593 Gap 3.7 bits

sd

sd-ir 2802593 nrdF_proV- total 10.0 bits

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

- leu - phe - gly - gly - asn - tyr - phe - pro - ala - ala - gly - ser - asp - ile - phe - glu - asn - asn - thr - leu - arg - asn - ser - ser - leu - his -
- tyr - leu - ala - gly - ile - ile - ser - leu - leu - arg - val - val - ile - phe - leu - lys - ile - thr - pro - ser - glu - ile - pro - val - phe -

p35 3.8 bits

p10 5.2 bits

<----- ... NC_000913.nrdF

p35-(21)-p10 2802502 Gap 3.3 bits

p35-p10 2802502 total 5.6 bits