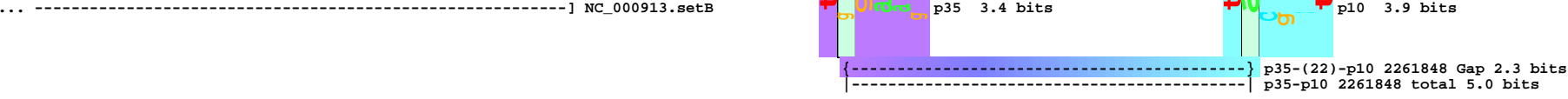


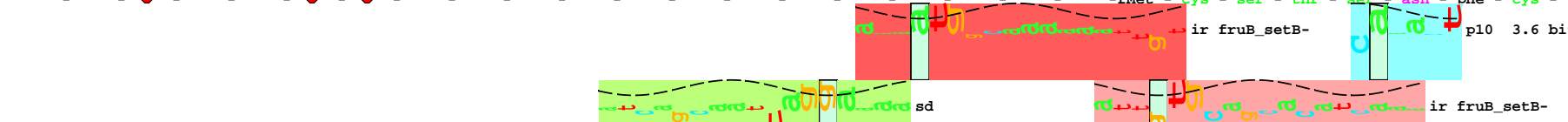
piece 1, NC_000913, fruB_setB-, config: linear, direction: -, begin: 2261914, end: 2261498

*2261910 * *2261900 * *2261890 * *2261880 * *2261870 * *2261860 * *2261850 * *2261840 *
 5' c g c g c t g g a g a c t g c g g g g a g t t a t g c a t g c t g g t c g a t c a c t g g a a g a g a a g a c g c g g a g t t t a c g c t g c t t g t c a g a 3'
 - arg - ala - gly - asp - cys - gly - gly - val - met - his - ala - gly - arg - ser - leu - glu - glu - glu - asp - ala - glu - phe - thr - leu - leu - val - arg -
 - ala - leu - glu - thr - ala - gly - glu - leu - cys - met - leu - val - asp - his - trp - lys - arg - lys - thr - arg - ser - leu - arg - cys - leu - ser - glu -
 - arg - trp - arg - leu - arg - gly - ser - tyr - ala - cys - trp - ser - ile - thr - gly - arg - gly - arg - gly - val - tyr - ala - ala - cys - gln - lys -



*2261830 * *2261820 * *2261810 * *2261800 * *2261790 * *2261780 * *2261770 * *2261760 *
 5' a a a t a a a c a g a c a g c g a a a t c a a a a g c g c c a c g a a t a g t c a a a a t g c c a t t t c a c t g t t g c t g a t t g g c t g c t g a c g c t g c 3'
 - lys - asn - lys - gln - thr - ala - lys - ser - lys - ala - pro - arg - ile - val - lys - met - pro - phe - his - cys - cys - -fMet - leu - ile - gly - cys -
 - ile - asn - arg - gln - arg - asn - gln - lys - arg - his - glu - -fMet - ala - ala - asp - ala - ala -

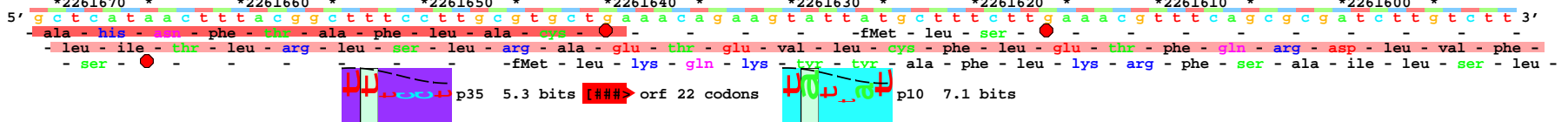
*2261750 * *2261740 * *2261730 * *2261720 * *2261710 * *2261700 * *2261690 * *2261680 *
 5' t g a a a t g a a a t t g c t g a t a a c g g a t t t t c c c a t c a g c a a t t a g g a a a a a t g g c a a a a a t t g t g c a g c a c a t c a a a c t t t t 3'
 - glu - met - lys - leu - leu - ile - thr - asp - phe - pro - ile - ser - asn - -fMet - ala - lys - asn - cys - ala - ala - his - glu - thr - phe -
 - -fMet - gln - his - ile - lys - leu - leu - -fMet - cys - ser - thr - ser - asn - phe - cys -



{-----} sd-(10)-ir 2261691 Gap 2.7 bits
 {-----} sd-ir 2261691 fruB_setB- total 6.9 bits
 p35 4.0 bits

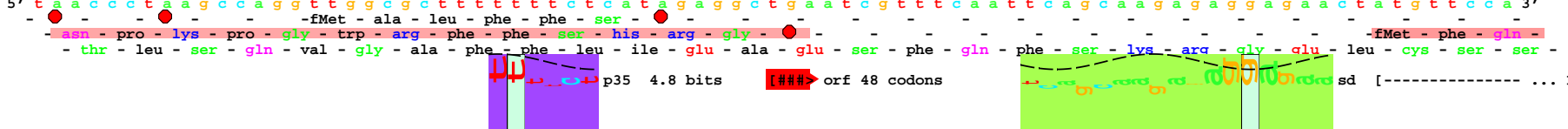
{-----} p35-(23)-p10 2261679 Gap 1.4 bits
 {-----} p35-p10 2261679 total 6.1 bits

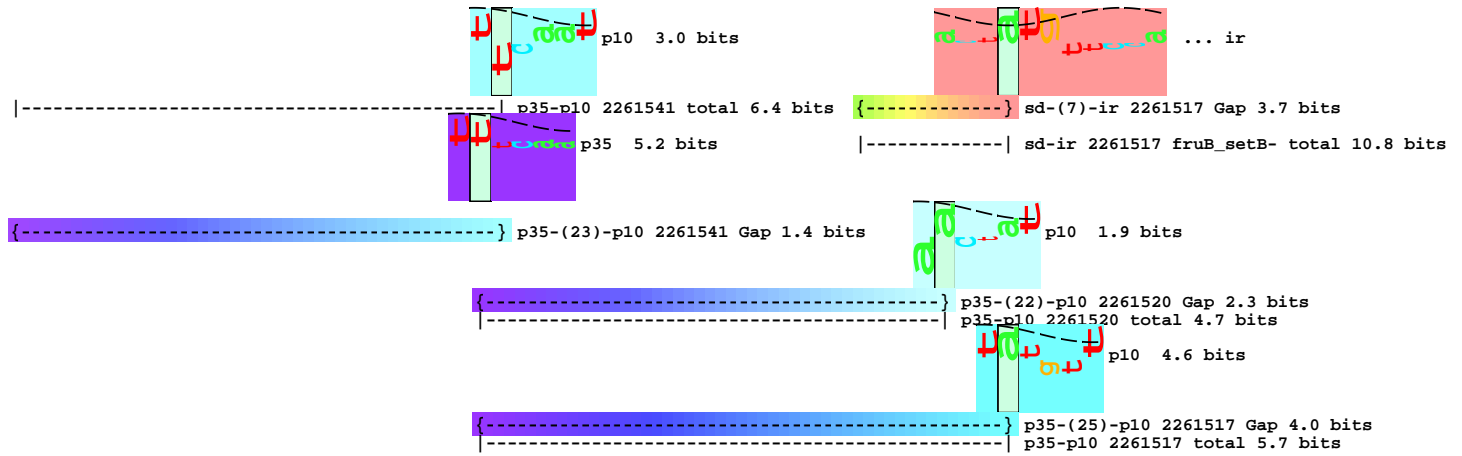
*2261670 * *2261660 * *2261650 * *2261640 * *2261630 * *2261620 * *2261610 * *2261600 *
 5' g c t c a t a a c t t t a c g g c t t t t c c t t g c g t g c t g a a a c a g a a g t a t t a t g c t t t c t t g a a a c g t t t c a g c g c g a t c t t t g t c t t 3'
 - ala - his - phe - thr - ala - phe - leu - ala - cys - -fMet - leu - ser -
 - leu - ile - thr - leu - arg - leu - ser - leu - arg - ala - glu - thr - glu - val - leu - cys - phe - leu - glu - thr - phe - gln - arg - asp - leu - val - phe -
 - ser - -fMet - leu - lys - gln - lys - tyr - tyr - ala - phe - leu - lys - arg - phe - ser - ala - ile - leu - ser - leu -



p35 4.4 bits p10 5.3 bits
 {-----} p35-(22)-p10 2261626 Gap 2.3 bits
 {-----} p35-p10 2261626 total 7.4 bits

*2261590 * *2261580 * *2261570 * *2261560 * *2261550 * *2261540 * *2261530 * *2261520 * *2261510 *
 5' t a a c c c t a a g c c a g g t t g c g c t t t t t c t c a t a g a g g c t g a a t c g t t t c a a t t c a g c a a g a g a g a g a a c t a t g t t c c a 3'
 - -fMet - ala - leu - phe - phe - ser -
 - asn - pro - lys - pro - gly - trp - arg - phe - phe - ser - his - arg - gly - -fMet - phe - gln -
 - thr - leu - ser - gln - val - gly - ala - phe - phe - leu - ile - glu - ala - glu - ser - phe - gln - phe - ser - lys - arg - gly - glu - leu - cys - ser - ser -





*2261500
 5' g t t a t c c g t a c a 3'
 - leu - ser - val -
 - tyr - pro - tyr -
 ... NC_000913.fruB
 ... ir fruB_setB-