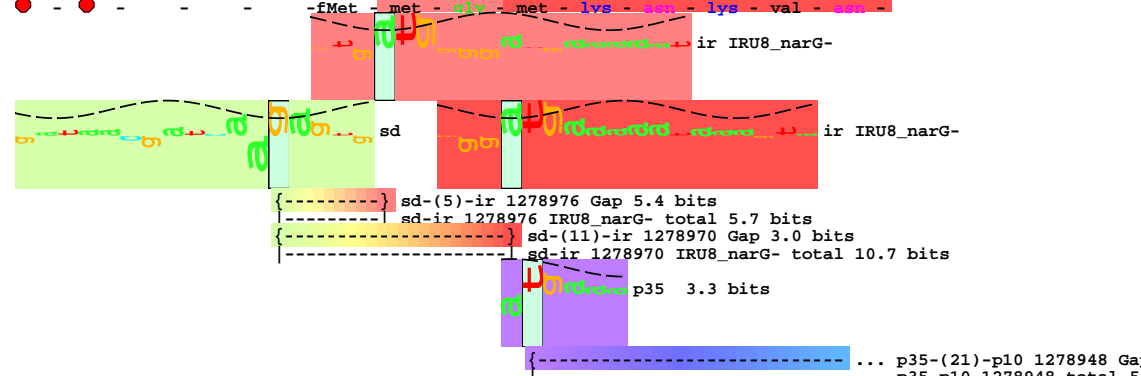


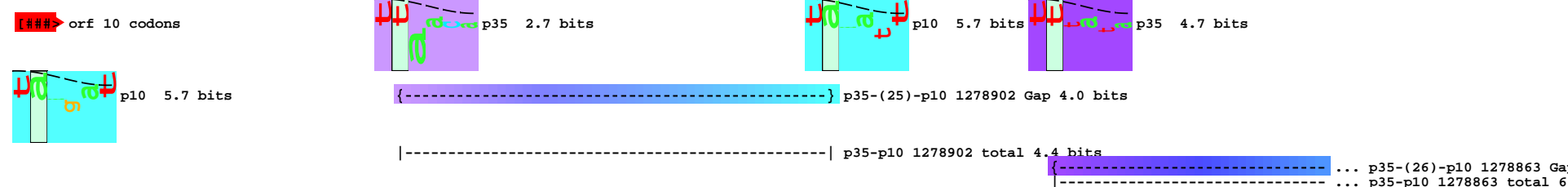
piece 1, NC_000913, IRU8_narG-, config: linear, direction: -, begin: 1279116, end: 1278683

*1279110 *1279100 *1279090 *1279080 *1279070 *1279060 *1279050 *1279040
 5' g t a g c g a a a c c g g t c c a g g a a t t t a c t c a t c g g t t t t c t c c t g t g g g a g c c t g t c g g c c c t g a t a a a t c g a c a t t g c t a 3'
 - val - ala - lys - pro - val - gln - glu - phe - thr - his - arg - phe - ser - pro - val - gly - ala - cys - arg - pro - ser - asp - lys - ser - thr - leu - leu -
 - ser - glu - thr - gly - pro - gly - ile - tyr - ser - ser - val - phe - ser - cys - gly - ser - leu - ser - ala - leu -

*1279030 *1279020 *1279010 *1279000 *128890 *128880 *128870 *128860
 5' a t g t t t a a g g g c a a g g t a a c g c t c t g a a a c a g c g t g g g a a t t g a t a a c g a t c a a g a g t g a t g g g g a t g a a a a a t a a a g t a a 3'
 - met - phe - lys - gly - lys - val - thr - leu - fMet - gly - ile - asp - asn - asp - gln - glu - fMet - met - gly - met - lys - val -
 - fMet - ile - thr - ile - lys - ser - asp - gly - asp - glu - lys -

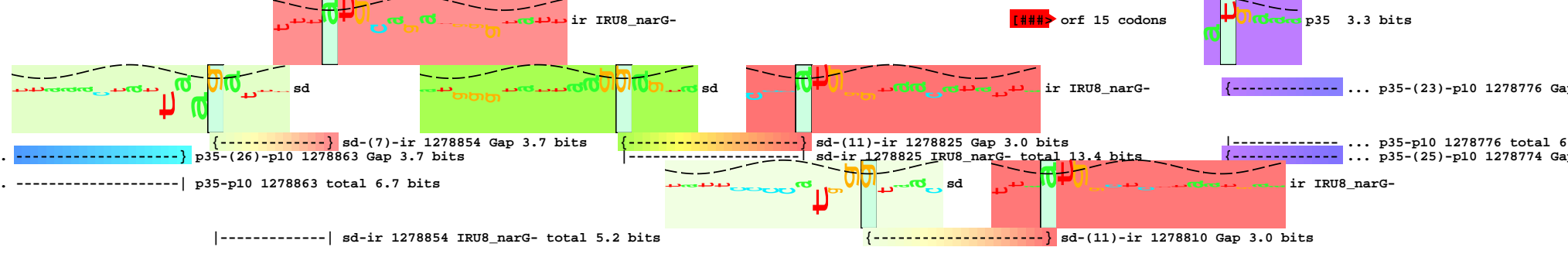


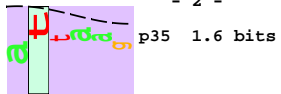
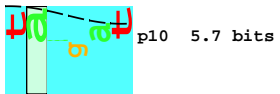
*1278950 *1278940 *1278930 *1278920 *1278910 *1278900 *1278890 *1278880
 5' a t t c c t a a g a t a c c c c t t t a g g a t a a t t a a c a g c c a c c a c a t a a c a g a c t g t a a a t t a a g a c g t t t t a t a c c t g t a g t t a t 3'
 - ser -
 [###] orf 10 codons



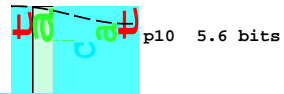
... p35-(21)-p10 1278948 Gap 3.3 bits
 ... p35-p10 1278948 total 5.7 bits

*1278870 *1278860 *1278850 *1278840 *1278830 *1278820 *1278810 *1278800
 5' t t a a a c t a t t a a g a t t t t t a t g c a g a t g g g t a t t a a g g a g t a t t c c c c a t g g g t a a c a t a t t a a t g g c t c t t a a t g a a a t c 3'
 - fMet - gln - met - gly - ile - lys - glu - tyr - ser - pro - trp - val - thr - tyr - fMet - lys - ser -





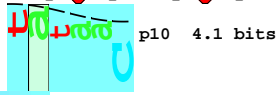
|-----| sd-ir 1278810 IRU8_narG- total 5.8 bits



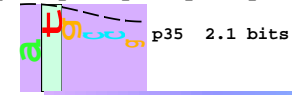
|----- ... p35-p10 1278774 total 4.9

{-----} p35-(22)-p10 1278819 Gap 2.3 bits
 {-----} p35-p10 1278819 total 4.8 bits

*1278790 * *1278780 * *1278770 * *1278760 * *1278750 * *1278740 * *1278730 * *1278720 *
 5' c g g c g a a a t a a a c c a t a t a a c a t t a g t a t g t t g t a a c t a a a t g a c g c a t a a a a a a g c g c g a c a t c a t g c c g c g c a a a g g a 3'
 - arg - arg - lys - pro - tyr - ile - ser - met - leu - - - fMet - pro - arg - lys - gly -
 - gly - glu - ile - asn - his - ile - thr - leu - val - cys - cys - asn - - -Met - thr - his - lys - lys - ser - ala - thr - ser - cys - arg - ala - lys - asp -



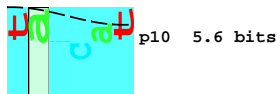
[###> orf 23 codons



... {-----} p35-(23)-p10 1278776 Gap 1.4 bits
 ... {-----} p35-p10 1278776 total 6.0 bits

{-----} ... p35-(23)-p10 1278702 Gap
 {-----} ... p35-p10 1278702 total 5.8

... {-----} p35-(25)-p10 1278774 Gap 4.0 bits

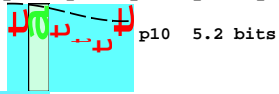


{-----} ... p35-(24)-p10 1278690 Gap

|----- ... p35-p10 1278690 total 6.3

... {-----} p35-p10 1278774 total 4.9 bits

*1278710 * *1278700 * *1278690 *
 5' t a a t c a a a t a t t t t a c t c t a t a t a a a t t c g 3'
 - asn - gln - ile - phe - tyr - ser - ile - - -



... {-----} p35-(23)-p10 1278702 Gap 1.4 bits
 ... {-----} p35-p10 1278702 total 5.8 bits

... p35 0.4 bits p10 8.4 bits

... {-----} p35-(24)-p10 1278690 Gap 2.4 bits
 ... {-----} p35-p10 1278690 total 6.3 bits