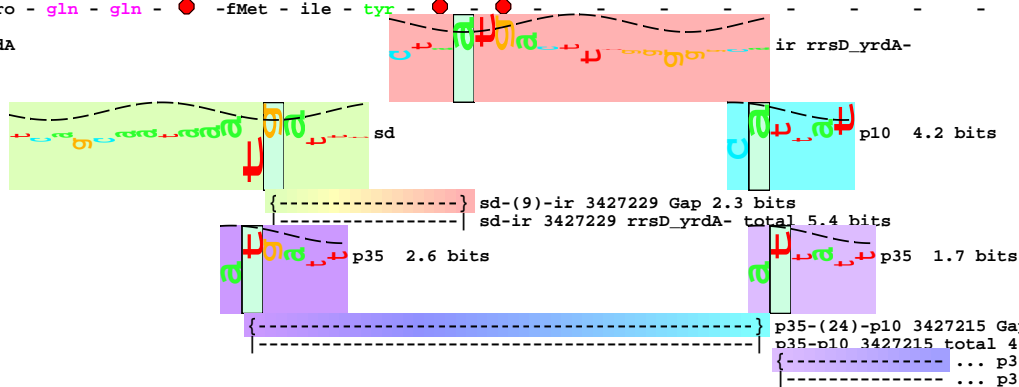


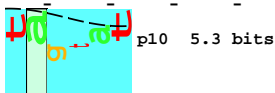
piece 1, NC_000913, rrsD_yrdA-, config: linear, direction: -, begin: 3427287, end: 3426765

5' ^{*}atcggcgggtatgggctgtaaaacatcagacataccttaccctcagcacaataaattgatttacttaaatgactttggggcattattggc3'
 - ile - ala - val - trp - ala - **●**
 - ser - arg - tyr - gly - arg - lys - thr - ser - asp - ile - leu - thr - ser - ala - ile - **asn** - asp - leu - leu - met - thr - leu - gly - ala - leu - leu - ala -
 - arg - gly - met - gly - val - lys - his - gln - thr - tyr - leu - pro - gln - gln - **●** -fMet - ile - tyr - **●**

...-----] NC_000913.yrdA

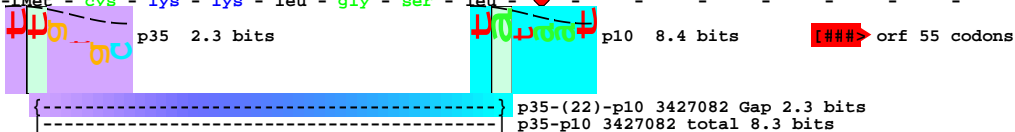


5' ^{*}cttgtgcaagtccttttagtatgcaaaaaaacacccgttttgggtgctgcgatttgcagcacaataaagggtgaaaaaacacaacagaga3'
 -fMet - gln - val - phe - **●**
 - leu - cys - lys - ser - phe - ser - met - gln - lys - ser - thr - val - leu - cys - ala - ile - ala - ala - lys - arg - val - lys - lys - gln - gln - thr - glu -
 -fMet - arg - leu - gln - gln - lys - gly - **●**

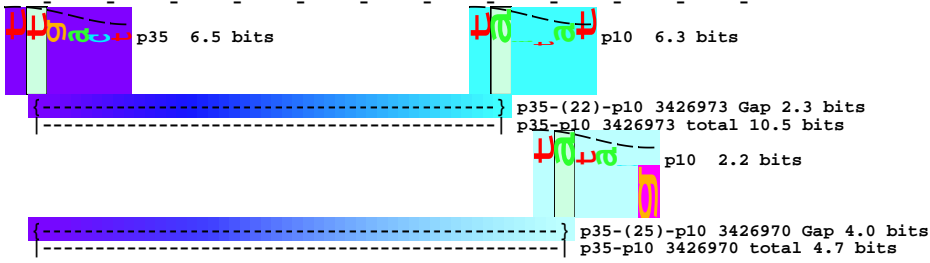


p35-(24)-p10 3427190 Gap 2.4 bits
 p35-p10 3427190 total 4.6 bits

5' ^{*}aaaaaagatcaaaaaaaatacttgtgcacaaaaaatggggtaccctataaatggcgcctccgttgagacgacaaacggtgaaacactt3'
 - lys - lys - asp - gln - lys - **asn** - thr - cys - ala - lys - **asn** - trp - asp - pro - tyr - **asn** - ala - pro - pro - leu - arg - arg - gln - arg - glu - thr - leu -
 - lys - lys - ile - lys - lys - ile - leu - val - gln - lys - ile - gly - ile - pro - ile - met - arg - leu - arg - **●** -fMet - lys - his - phe -
 -fMet - cvs - lys - lys - leu - gly - ser - leu - **●**



5' ^{*}cacaggatggctcggaacaacgaaagagagaaaaaaccttgaataatcagggttggactctgaaagagggaagcgttaataatagcc3'
 - his - arg - met - val - gly - thr - lys - arg - lys - lys - ser - **●** -fMet - thr - leu - lys - glu - glu - ser - val - ile - tyr - ala -
 - thr - gly - trp - ser - glu - gln - arg - arg - glu - lys - **asn** - pro - glu - ile - gln - gly - **●**



*3426960 * *3426950 * *3426940 * *3426930 * *3426920 * *3426910 * *3426900 * *3426890 *

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

- thr - ser - arg - gln - fMet - ser - fMet - trp - ala - leu - glu - asp -

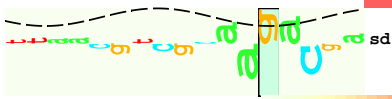
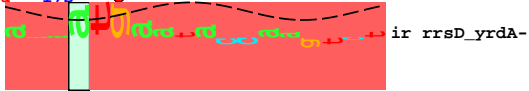
- fMet - gly - thr - arg - arg - tyr -

*3426880 * *3426870 * *3426860 * *3426850 * *3426840 * *3426830 * *3426820 * *3426810 *

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

- thr - asp - ser - fMet - asp - thr - lys - ser - gln - glu - fMet - asn - thr -

- gly - phe - leu - thr - ser - gln - asp - glu - lys -



[###] orf 8 codons

{-----} ... p35-(24)-p10 3426785 Gap

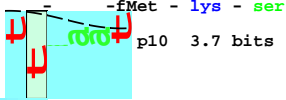
{-----} sd-(8)-ir 3426854 Gap 2.4 bits
 {-----} sd-ir 3426854 rrsD_yrdA- total 7.1 bits

{-----} ... p35-p10 3426785 total 7.0
 {-----} ... p35-(25)-p10 3426784 Gap
 {-----} ... p35-p10 3426784 total 7.4

*3426800 * *3426790 * *3426780 * *3426770 *

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

- fMet - ser - ile - lys - leu - leu - asn - fMet - lys - ser - leu - ile -



... {-----} p35-(24)-p10 3426785 Gap 2.4 bits
 ... {-----} p35-p10 3426785 total 7.0 bits
 ... {-----} p35-(25)-p10 3426784 Gap 4.0 bits
 ... {-----} p35-p10 3426784 total 7.4 bits

