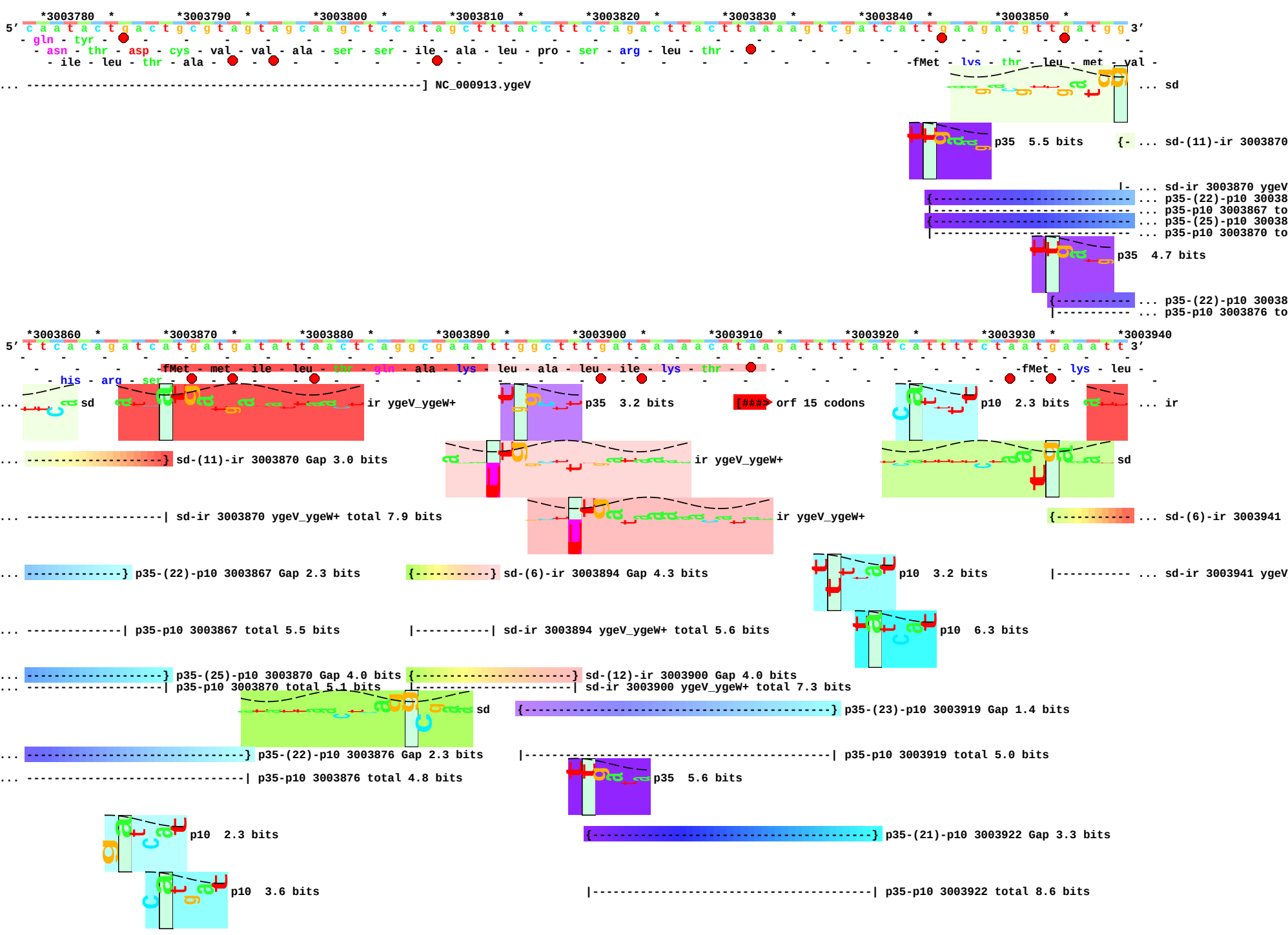
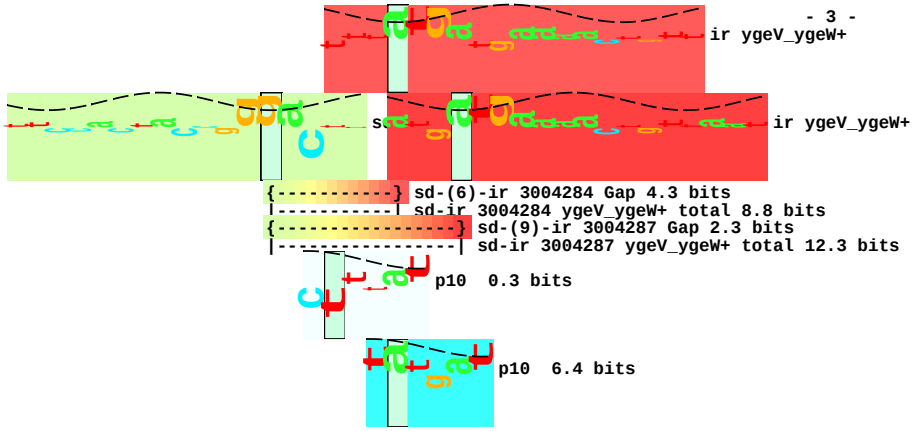
piece 1, NC_000913, ygeV_ygeW+, config: linear, direction: +, begin: 3003779, end: 3004303



p10 2.4 bits
p35-(24)-p10 3003925 Gap 2.4 bits
p35-p10 3003925 total 5.5 bits
*3003950 *3003960 *3003970 *3003980 *3003990 *3004000 *3004010 *3004020
5′ atggaagagatatcacatttctatatcaatatgagaattacggcggtgagttatcaaactgaagagagatagcctgcccc 3′
-fMet - glu - glu - ile - ser - his - phe - tyr - ile - asn - met - arg - ile - thr - ala - val - ser - leu - ser - asn -
- trp - lys - arg - tyr - his - ile - ser - ile - ser - ile -
ir ygeV_ygeW+
orf 21 codons
sd-(6)-ir 3003941 Gap 4.3 bits
sd-ir 3003941 ygeV_ygeW+ total 10.1 bits
*3004030 *3004040 *3004050 *3004060 *3004070 *3004080 *3004090 *3004100
5′ tttatcttatttctgatacttagcagcaaataaataacgcgataaaaaaagccaaacgttttcgtatttacaaacaaccca 3′
*3004110 *3004120 *3004130 *3004140 *3004150 *3004160 *3004170 *3004180
5′ gaagctggcatcaatttgtgatcaacccccacacattatccgtcaaatttagtcttttgcagccgcgcggataattctggcac 3′
-fMet -
-fMet - gln - pro - arg - gly -
-fMet - ile - asn - pro - thr - his - tyr - pro - ser - asn -
p35 5.2 bits
... p10
p35-(24)-p10 3004182
p35-p10 3004182 total
*3004190 *3004200 *3004210 *3004220 *3004230 *3004240 *3004250 *3004260
5′ acttattgttagtcccaggtatagctgtgaaaacaccaatcacttttggcaagtcacagtgaaataaaccactttgcctgtc 3′
-fMet - lys -
-fMet - pro - val -
-fMet - leu - val - pro - gly - ile - ala - val - lys - thr - pro - ile - thr - leu - ala - ser - his - ser - glu - ile - asn - his - phe - ala - cys - his -
p10 2.9 bits
ir ygeV_ygeW+
p35 6.2 bits
sd
... p35-(24)-p10 3
sd-(8)-ir 3004210 Gap 2.4 bits
sd-ir 3004210 ygeV_ygeW+ total 8.9 bits
... p35-p10 300428
... p35
... p35-(22)-p10 3
... p35-p10 300428
*3004270 *3004280 *3004290 *3004300
5′ attccactaccgggacttttatgatgaaaaactgttaatga 3′
- ile - pro - leu - pro - gly - leu - tyr - asp - glu - asn - cys -
-fMet - met - lys - thr - val - asn -
- ser - thr - thr - gly - thr - leu -
-fMet -
... NC_000913.ygeW
p35-(24)-p10 3004281 Gap 2.4 bits
p35-p10 3004281 total 4.0 bits
p35 3.2 bits
orf 26 codons
p35-(22)-p10 3004284 Gap 2.3 bits
p35-p10 3004284 total 7.3 bits


ir ygeV_ygeW+
ir ygeV_ygeW+
{----------} sd-(6)-ir 3004284 Gap 4.3 bits
|----------| sd-ir 3004284 ygeV_ygeW+ total 8.8 bits
{----------} sd-(9)-ir 3004287 Gap 2.3 bits
|----------| sd-ir 3004287 ygeV_ygeW+ total 12.3 bits
p10 0.3 bits
p10 6.4 bits