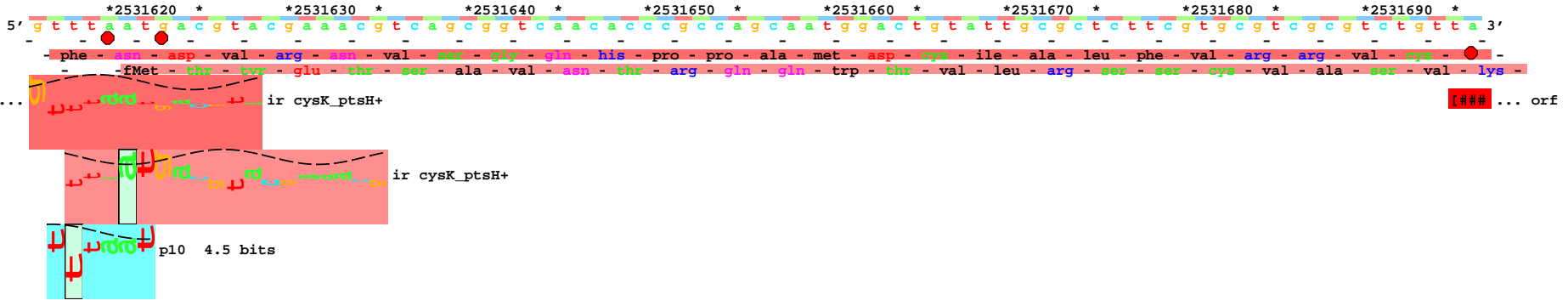
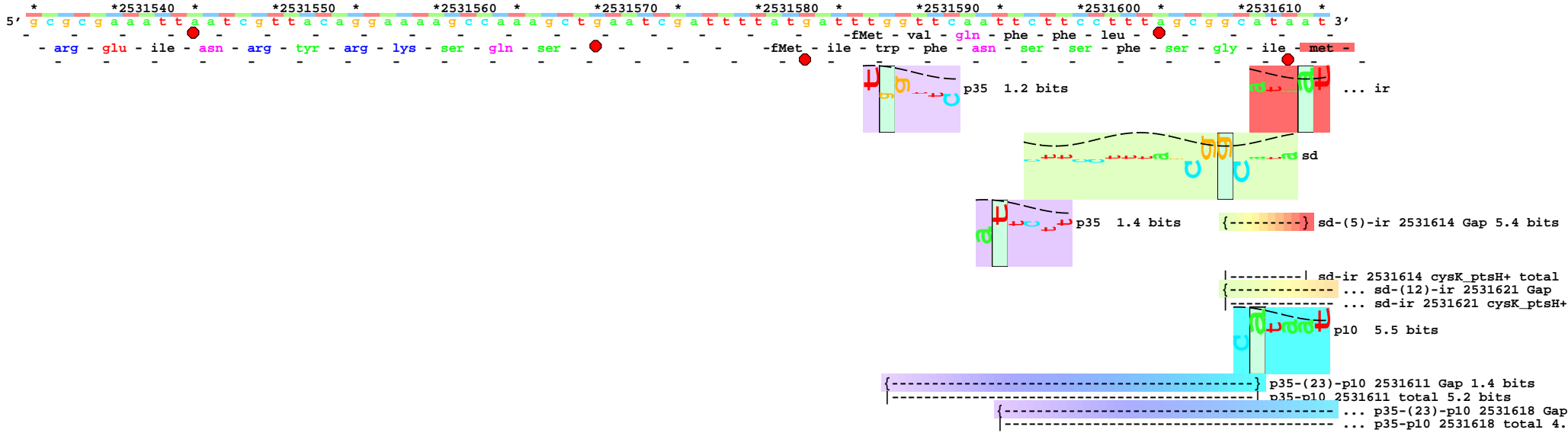
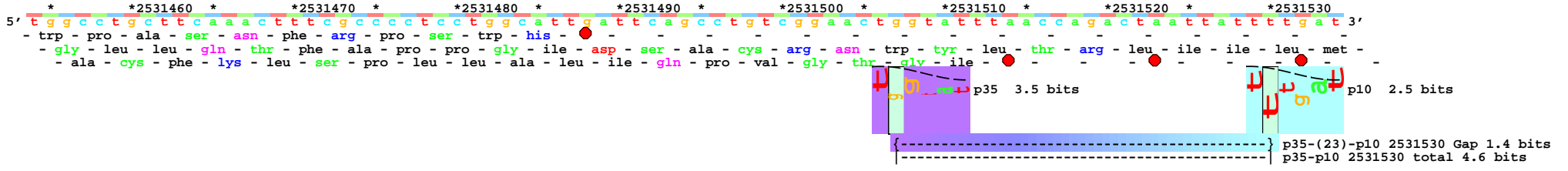
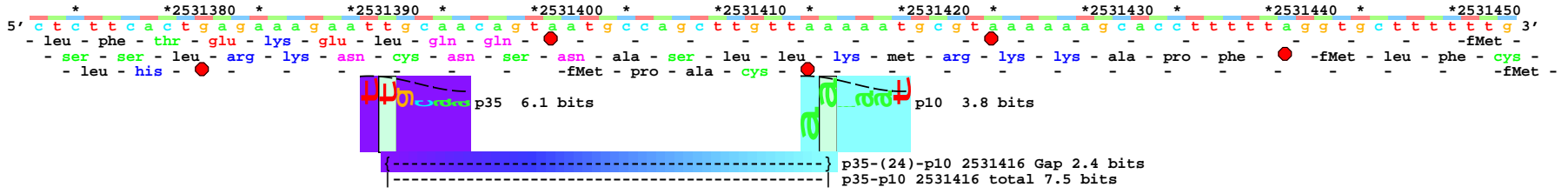


piece 1, NC_000913, cysK_ptsH+, config: linear, direction: +, begin: 2531373, end: 2531805

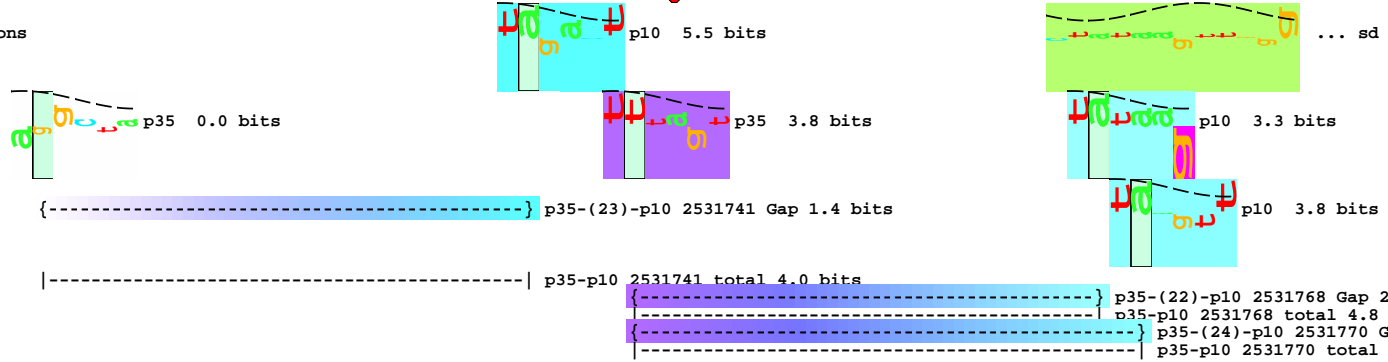


... -----} sd-(12)-ir 2531621 Gap 4.0 bits
... -----| sd-ir 2531621 cysK_ptsH+ total 5.2 bits

... -----} p35-(23)-p10 2531618 Gap 1.4 bits
... -----| p35-p10 2531618 total 4.4 bits

5' *2531700 * *2531710 * *2531720 * *2531730 * *2531740 * *2531750 * *2531760 * *2531770 *
a a a a c t g g c g c t a a c a a t a c a g g c t a a a g t c g a a c c g c c a g g c t a g a c t t t a g t t c c a c a a c a c t a a a c c t a t a a g t t g g g 3'
- asn - trp - arg - -fMet - gly -

... > orf 28 codons [###] > orf 30 codons



5' *2531780 * *2531790 * *2531800 *
g a a a t a c a a t g t t c c a g c a a g a a g t t a c 3'
- lys - tyr - asn - val - pro - ala - arg - ser - tyr -
-fMet - phe - gln - gln - glu - val -

... sd [-----] ... NC_000913.ptsh

