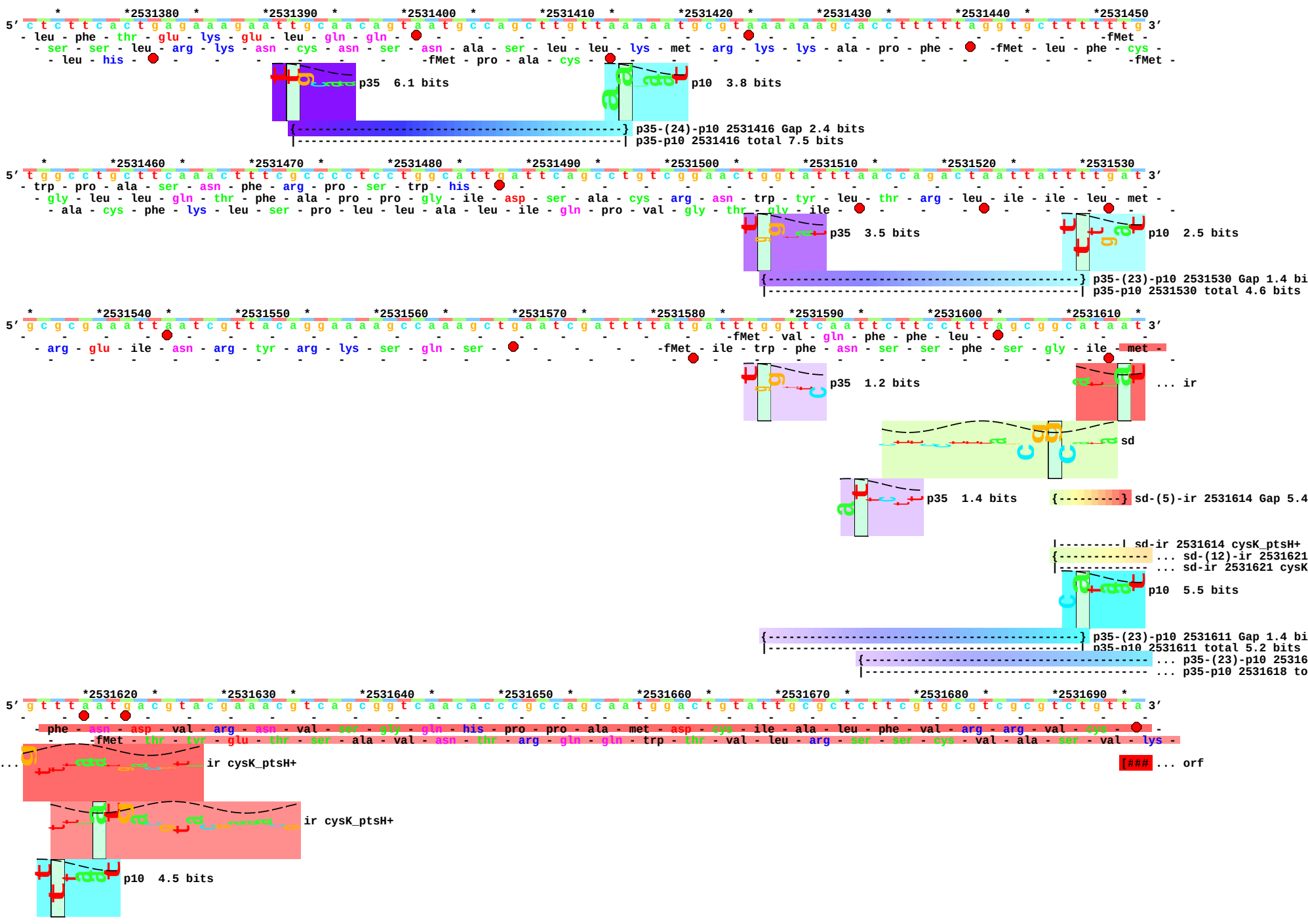
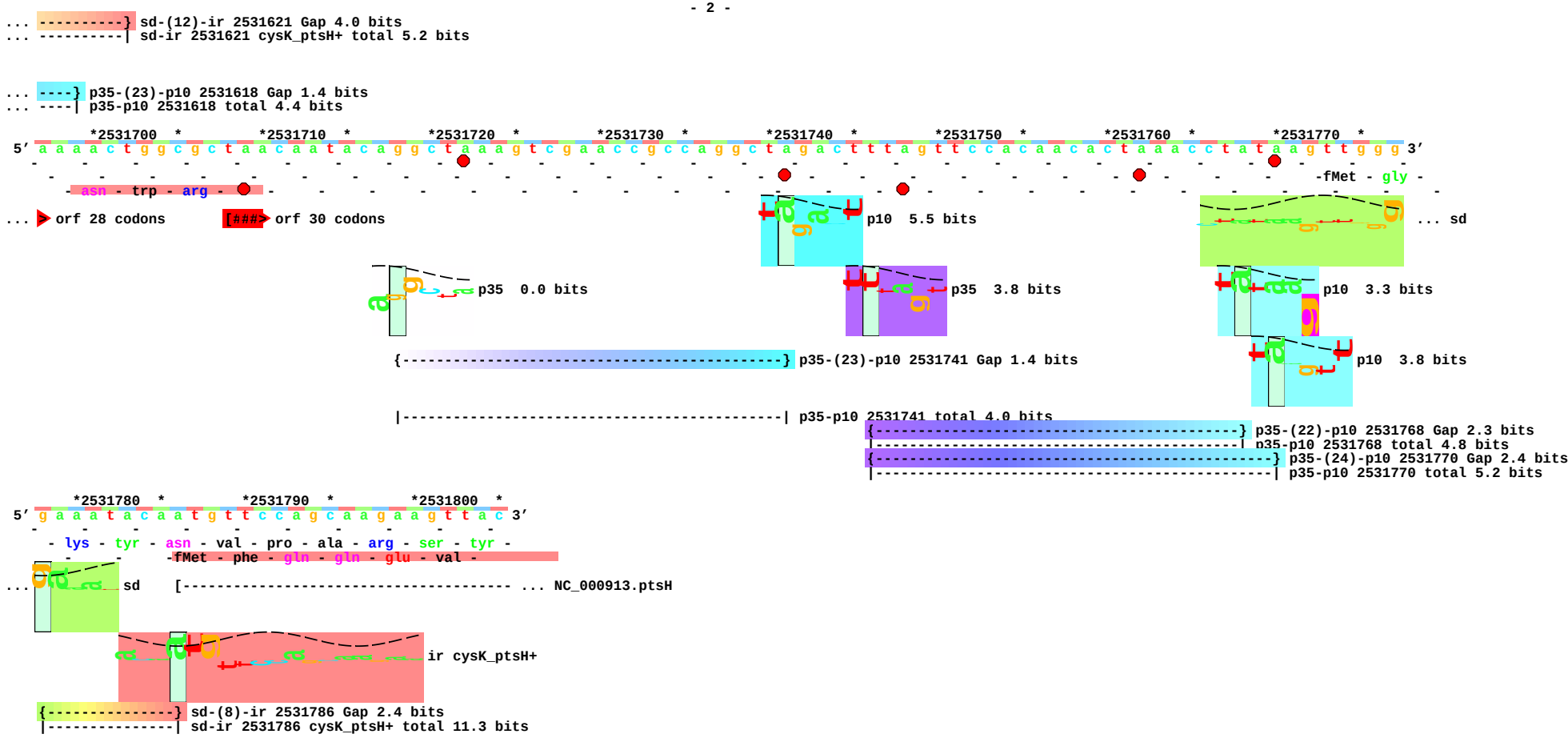
piece 1, NC_000913, cysK_ptsH+, config: linear, direction: +, begin: 2531373, end: 2531805




... ----------} 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
*2531700 * *2531710 * *2531720 * *2531730 * *2531740 * *2531750 * *2531760 * *2531770 *
5′ 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
p10 5.5 bits
... sd
p35 0.0 bits
p35 3.8 bits
p10 3.3 bits
{----------} p35-(23)-p10 2531741 Gap 1.4 bits
p10 3.8 bits
|----------| p35-p10 2531741 total 4.0 bits
{----------} p35-(22)-p10 2531768 Gap 2.3 bits
|----------| p35-p10 2531768 total 4.8 bits
{----------} p35-(24)-p10 2531770 Gap 2.4 bits
|----------| p35-p10 2531770 total 5.2 bits
*2531780 * *2531790 * *2531800 *
5′ 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
ir cysK_ptsH+
{----------} sd-(8)-ir 2531786 Gap 2.4 bits
|----------| sd-ir 2531786 cysK_ptsH+ total 11.3 bits