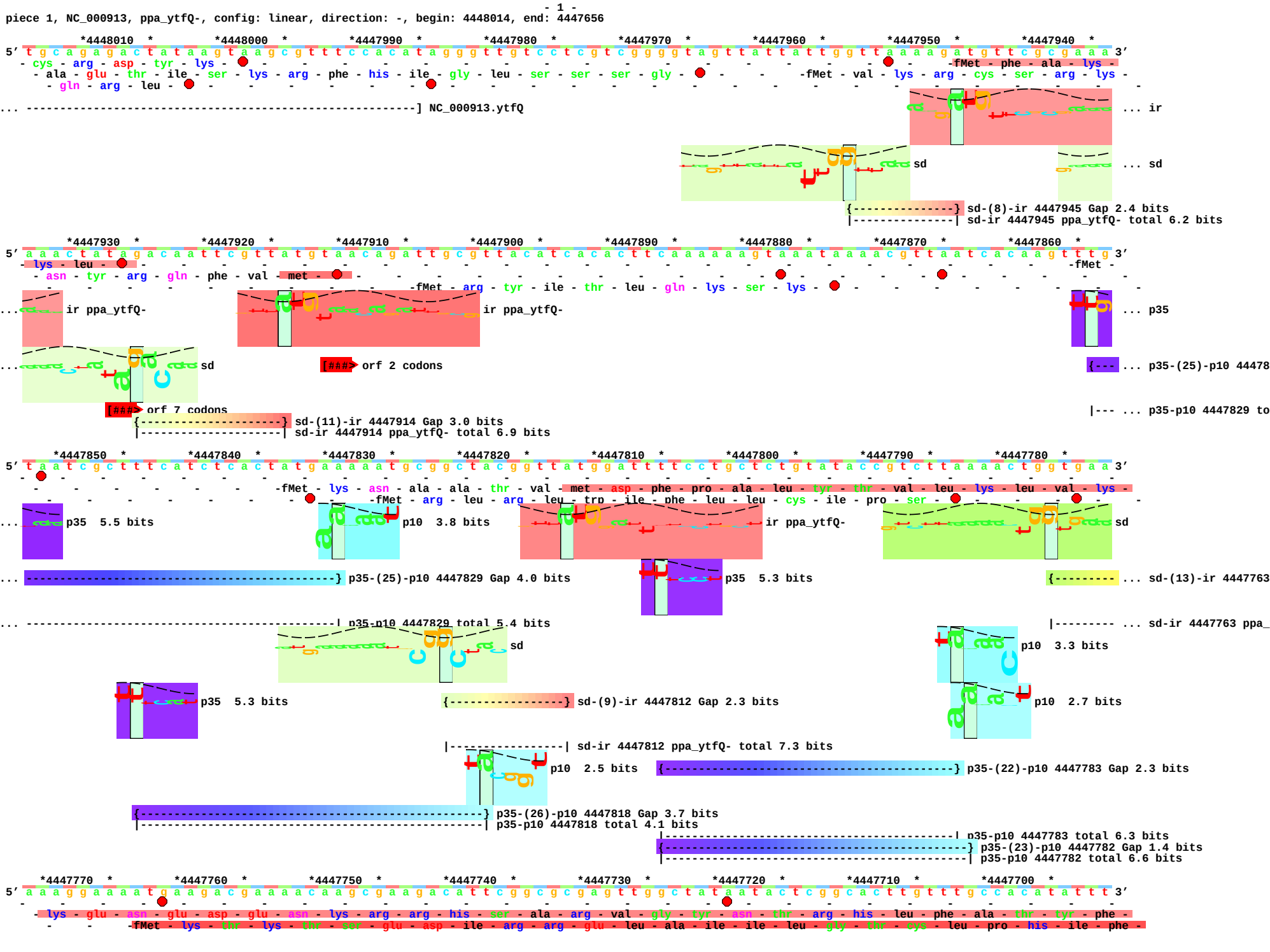
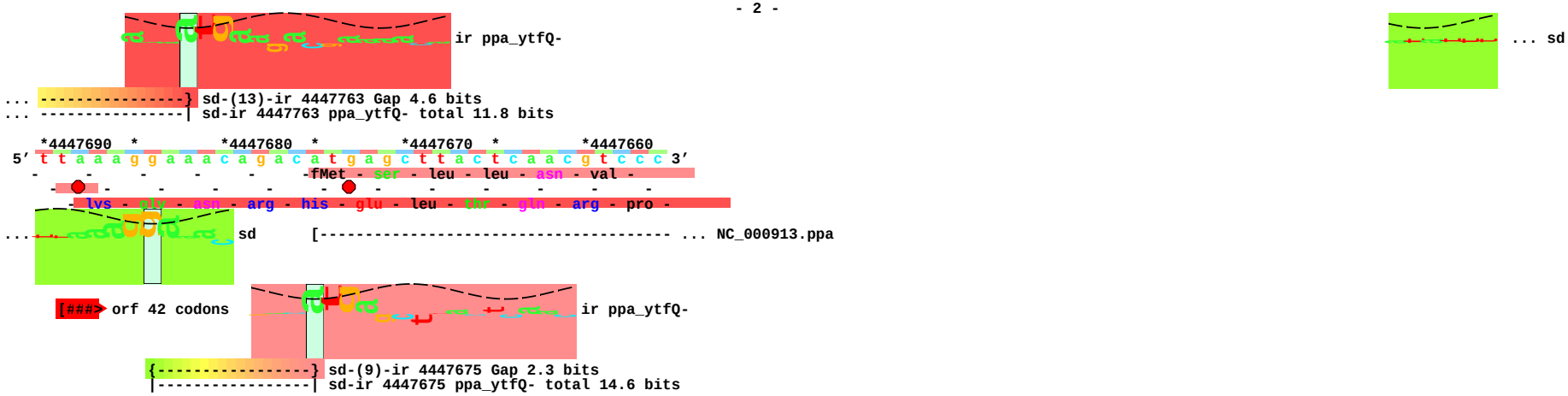
piece 1, NC_000913, ppa_ytfQ-, config: linear, direction: -, begin: 4448014, end: 4447656




ir ppa_ytfQ-
... sd
... ----------} sd-(13)-ir 4447763 Gap 4.6 bits
... ----------| sd-ir 4447763 ppa_ytfQ- total 11.8 bits
*4447690 * *4447680 * *4447670 * *4447660
5′ t t a a a g g a a a c a g a c a t g a g c t t a c t c a a c g t c c c 3′
-fMet - ser - leu - leu - asn - val -
- lys - glu - asn - arg - his - glu - leu - thr - gln - arg - pro -
... sd [---------- ... NC_000913.ppa
[###> orf 42 codons
ir ppa_ytfQ-
{----------} sd-(9)-ir 4447675 Gap 2.3 bits
|----------| sd-ir 4447675 ppa_ytfQ- total 14.6 bits