

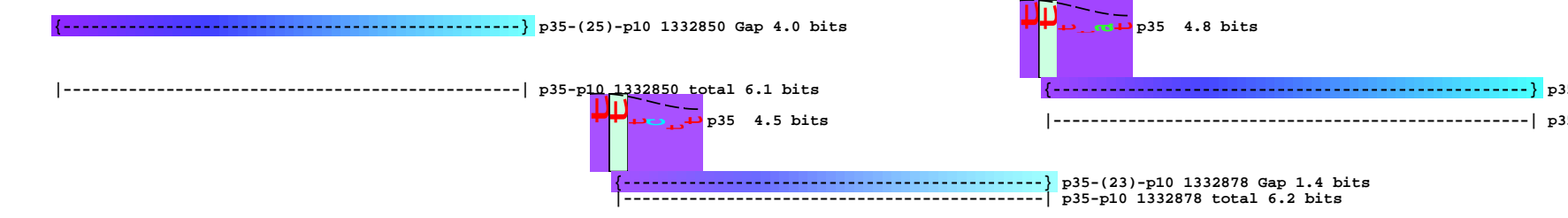
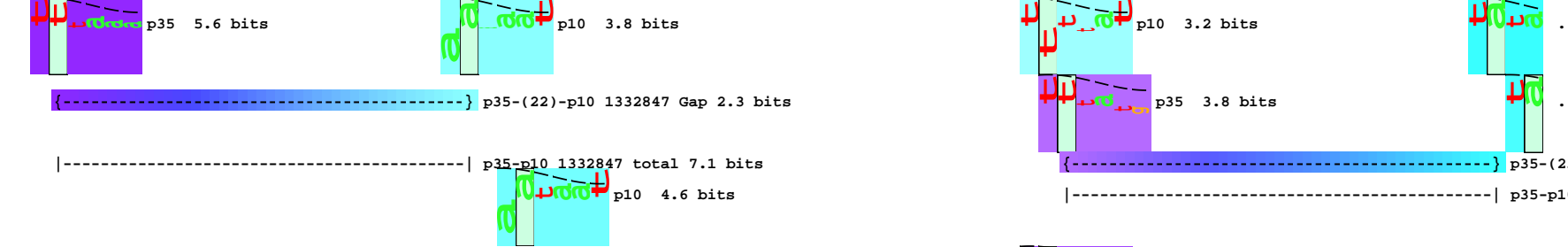
piece 1, NC_000913, cysB_yciX+, config: linear, direction: +, begin: 1332824, end: 1333203

*1332830 *1332840 *1332850 *1332860 *1332870 *1332880 *1332890 *1332900

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

- phe - lys - asp - ile - lys - leu - pro - glu - lys - fMet - arg - tyr - phe - arg - his - leu - leu - cys - ser - glu - gly - ala - gly - ile - tyr -

- leu - lys - ile - fMet - pro - glu - tyr - ile -

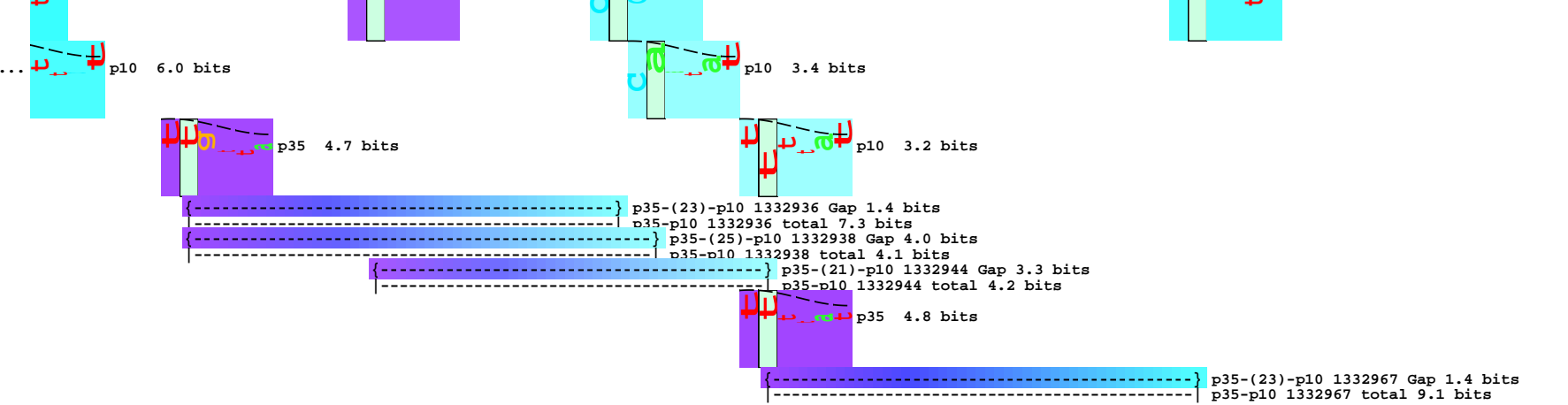


*1332910 *1332920 *1332930 *1332940 *1332950 *1332960 *1332970 *1332980

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

- ser - leu - leu - leu - leu - ile - ser - ile - pro - cys - thr - ile - phe - leu - ser - leu - ile - phe - ile - gly - val - asn - tyr - leu - fMet -

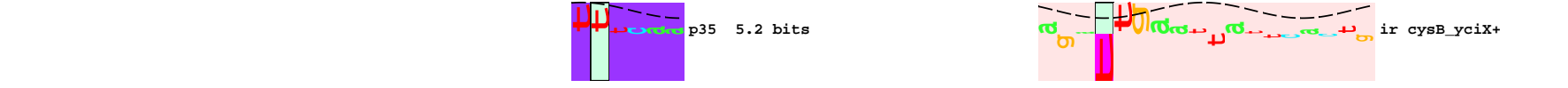
- leu - phe - cys - tyr - leu - phe - leu - tyr - arg - ala - gln - tyr - phe - tyr - pro - ser - tyr - leu -

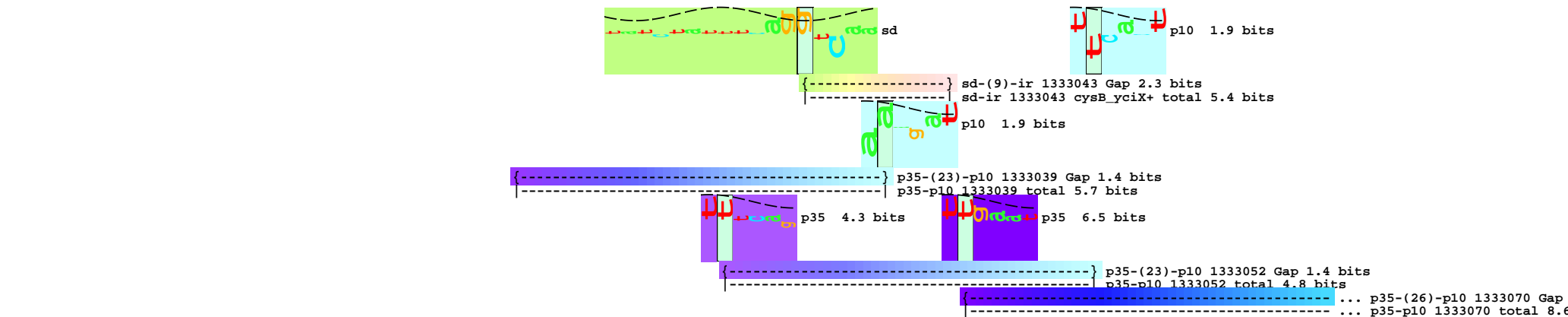


*1332990 *1333000 *1333010 *1333020 *1333030 *1333040 *1333050 *1333060

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

- ser - asn - tyr - pro - pro - arg - lys - leu - gln - phe - ser - asn - ile - tyr - phe - arg - ser - lys - asp - fMet - asn - tyr - ser - leu - glu - thr - ile -

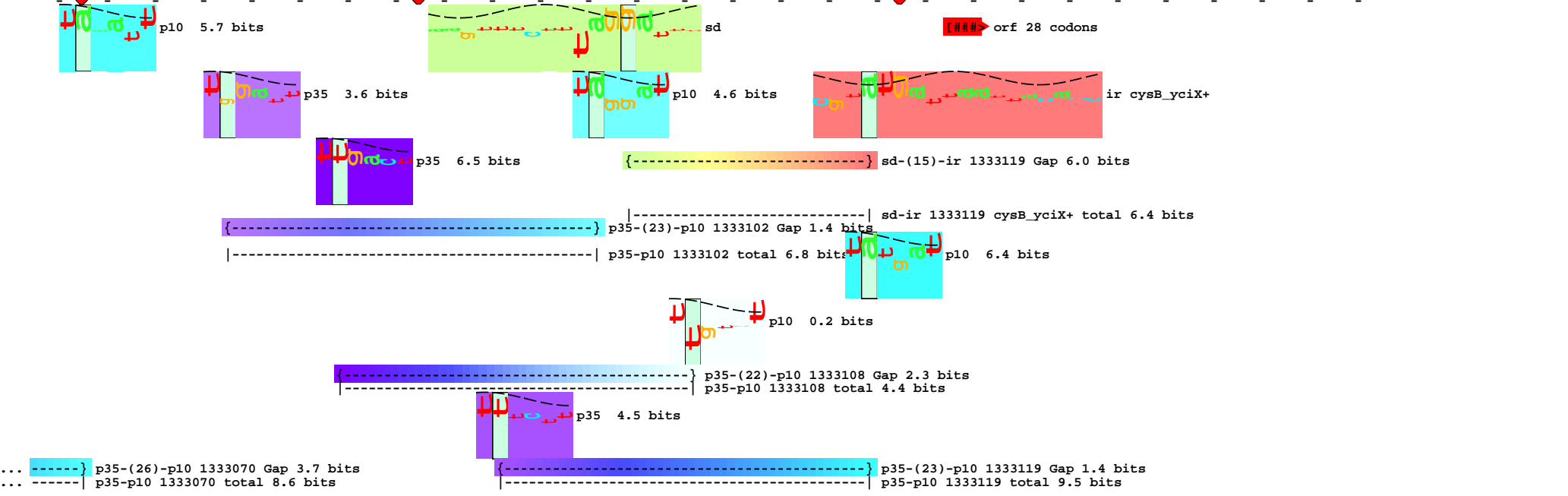




*1333070 * *1333080 * *1333090 * *1333100 * *1333110 * *1333120 * *1333130 * *1333140 *

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

- arg - lys - phe - ala - gly - phe - leu - thr - lys - val - ser - leu - gly - phe - val - ser - ser - tyr - asp - fMet - ser - his - arg - met - ile - tyr - thr - arg - ser - thr - ser -

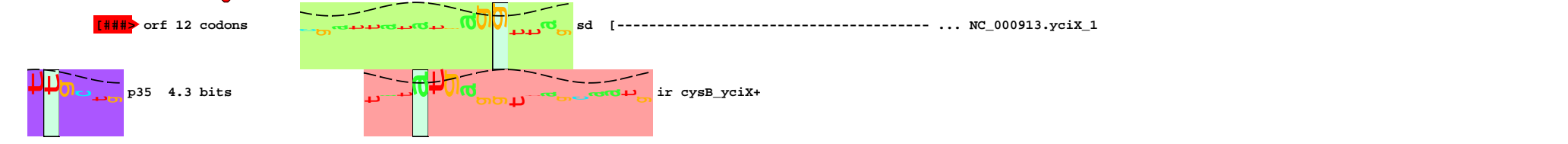


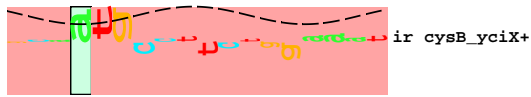
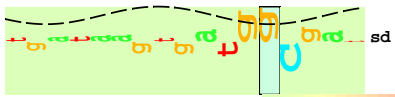
*1333150 * *1333160 * *1333170 * *1333180 * *1333190 * *1333200 *

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

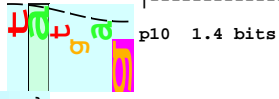
- fMet - leu - ile - ser - asp - gly - asp - tyr - met - arg - leu - ala - met - pro - ser - gly - asn - gln -

- cys - fMet - met - ala - ile - ile -





sd-(8)-ir 1333172 Gap 2.4 bits
 sd-ir 1333172 cysB_yciX+ total 6.4 bits
 sd-(7)-ir 1333184 Gap 3.7 bits
 sd-ir 1333184 cysB_yciX+ total 7.4 bits



p35-(23)-p10 1333172 Gap 1.4 bits
 p35-p10 1333172 total 4.3 bits