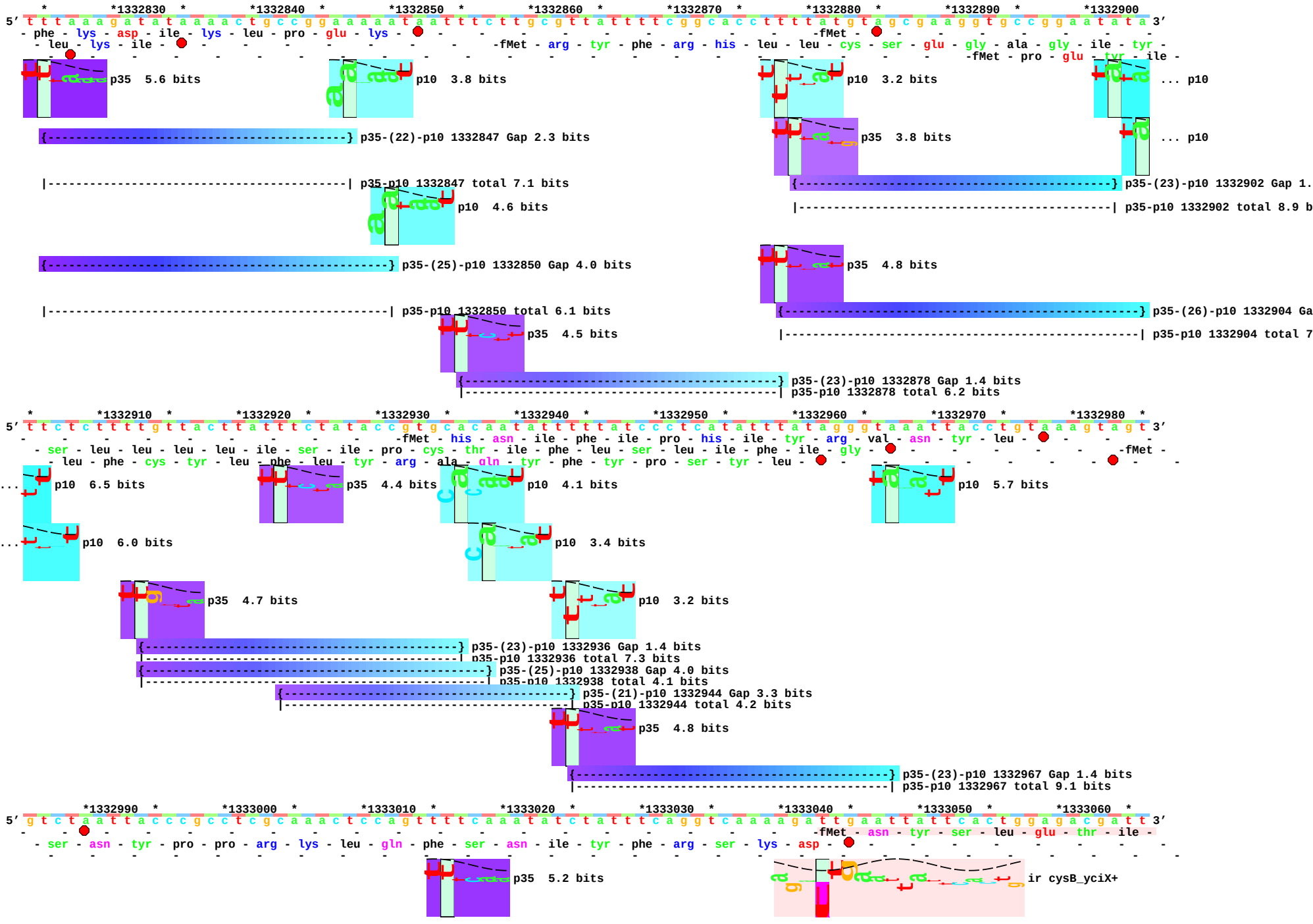
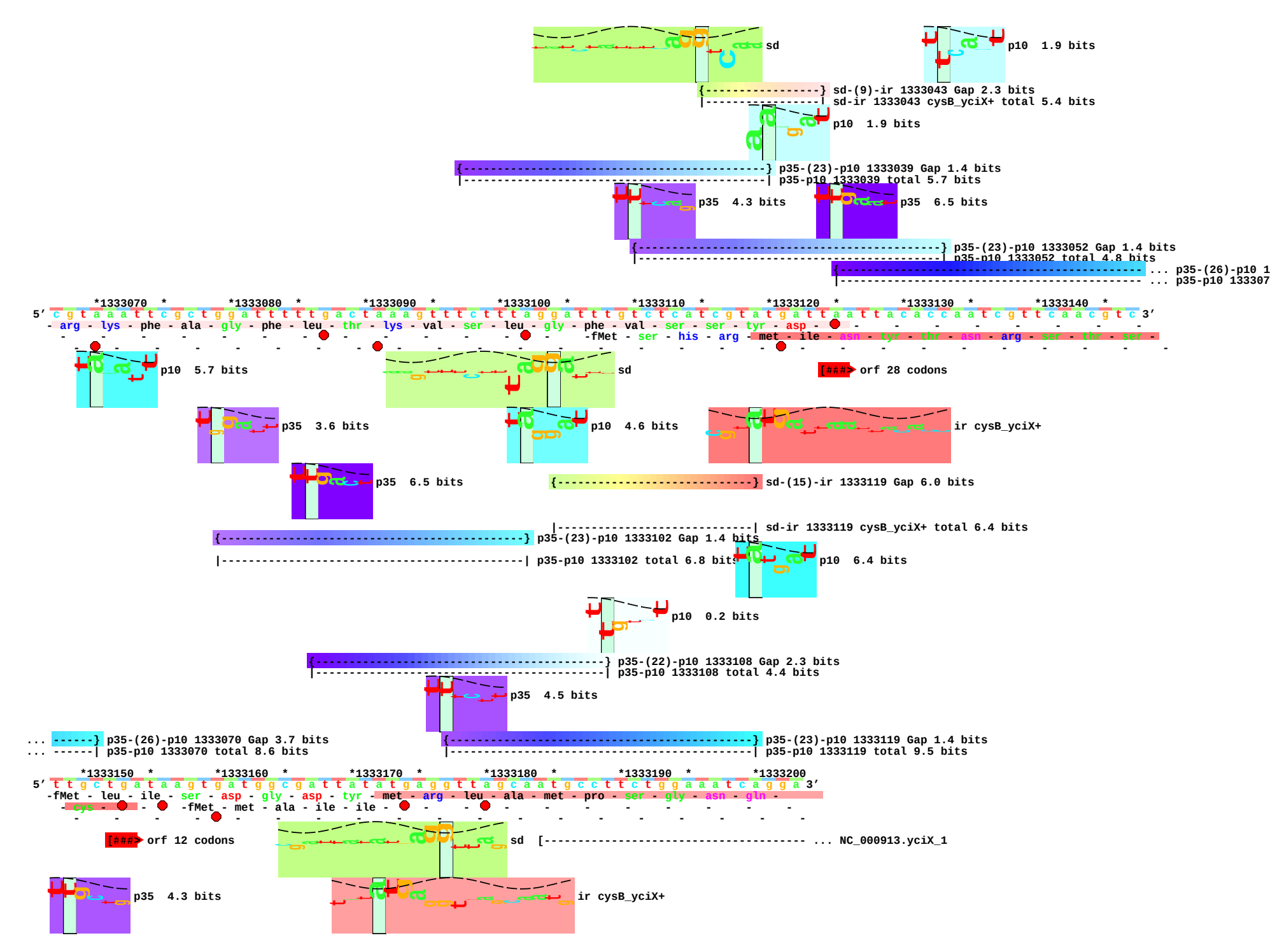
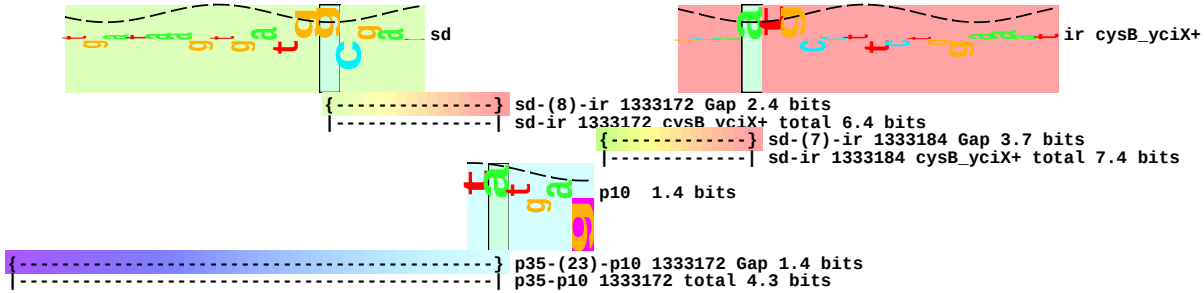
piece 1, NC_000913, cysB_yciX+, config: linear, direction: +, begin: 1332824, end: 1333203




sd
p10 1.9 bits
sd-(9)-ir 1333043 Gap 2.3 bits
sd-ir 1333043 cysB_yciX+ total 5.4 bits
p10 1.9 bits
p35-(23)-p10 1333039 Gap 1.4 bits
p35-p10 1333039 total 5.7 bits
p35 4.3 bits
p35 6.5 bits
p35-(23)-p10 1333052 Gap 1.4 bits
p35-p10 1333052 total 4.8 bits
... p35-(26)-p10 1
... p35-p10 133307
*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 - asn - tyr - thr - asn - arg - ser - thr - ser -
p10 5.7 bits
sd
[###> orf 28 codons
p35 3.6 bits
p10 4.6 bits
ir cysB_yciX+
p35 6.5 bits
sd-(15)-ir 1333119 Gap 6.0 bits
sd-ir 1333119 cysB_yciX+ total 6.4 bits
p35-(23)-p10 1333102 Gap 1.4 bits
p35-p10 1333102 total 6.8 bits
p10 6.4 bits
p10 0.2 bits
p35-(22)-p10 1333108 Gap 2.3 bits
p35-p10 1333108 total 4.4 bits
p35 4.5 bits
... ------} p35-(26)-p10 1333070 Gap 3.7 bits
... ------| p35-p10 1333070 total 8.6 bits
p35-(23)-p10 1333119 Gap 1.4 bits
p35-p10 1333119 total 9.5 bits
*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 -
[###> orf 12 codons
sd [------------------------------------ ... NC_000913.yciX_1
p35 4.3 bits
ir cysB_yciX+


sd
ir cysB_yciX+
{---------------} 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
p10 1.4 bits
{---} p35-(23)-p10 1333172 Gap 1.4 bits
|---| p35-p10 1333172 total 4.3 bits