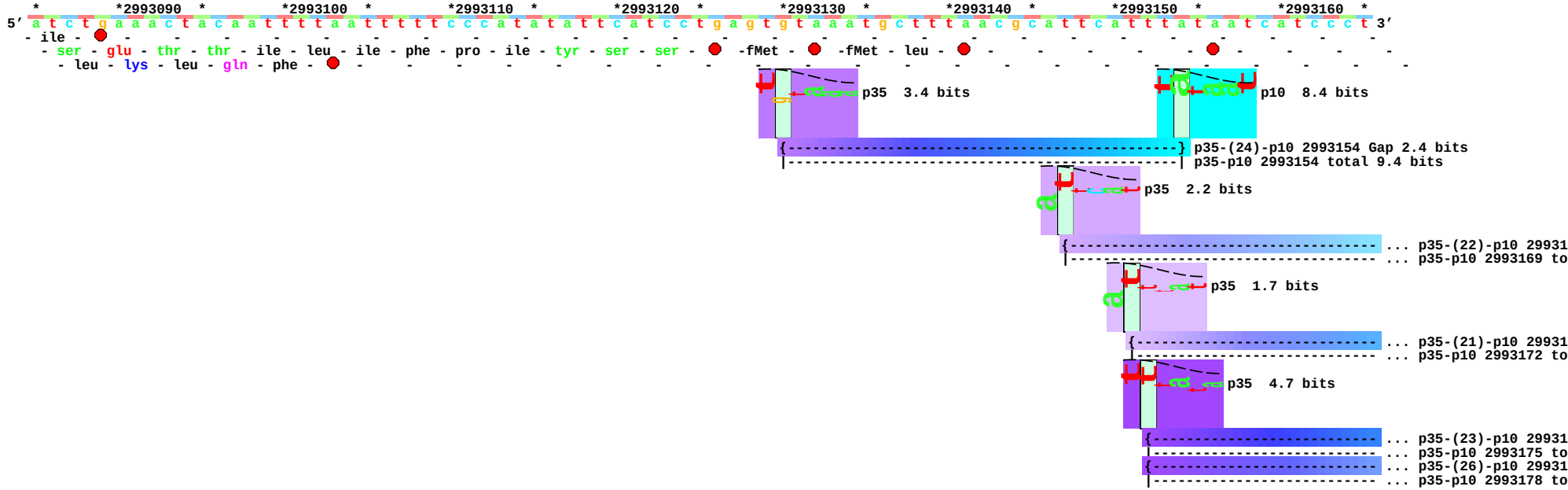
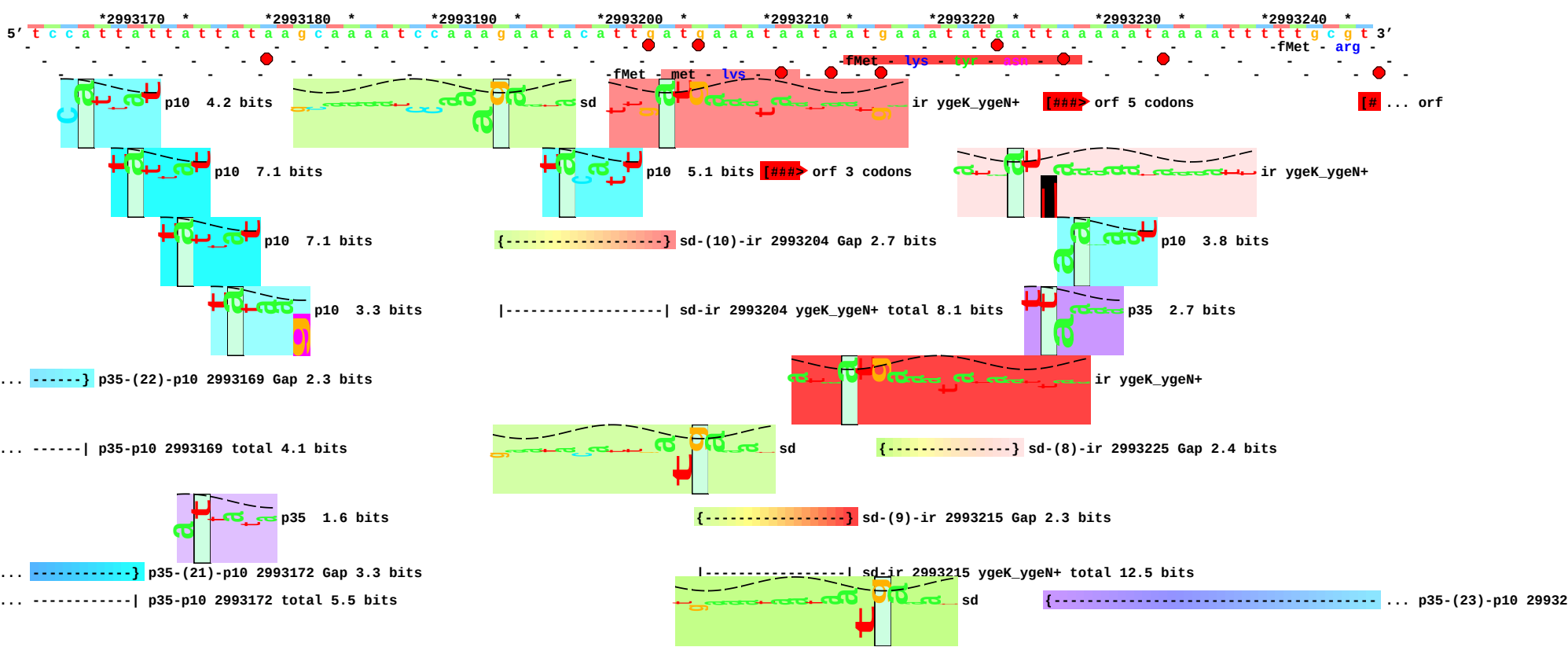
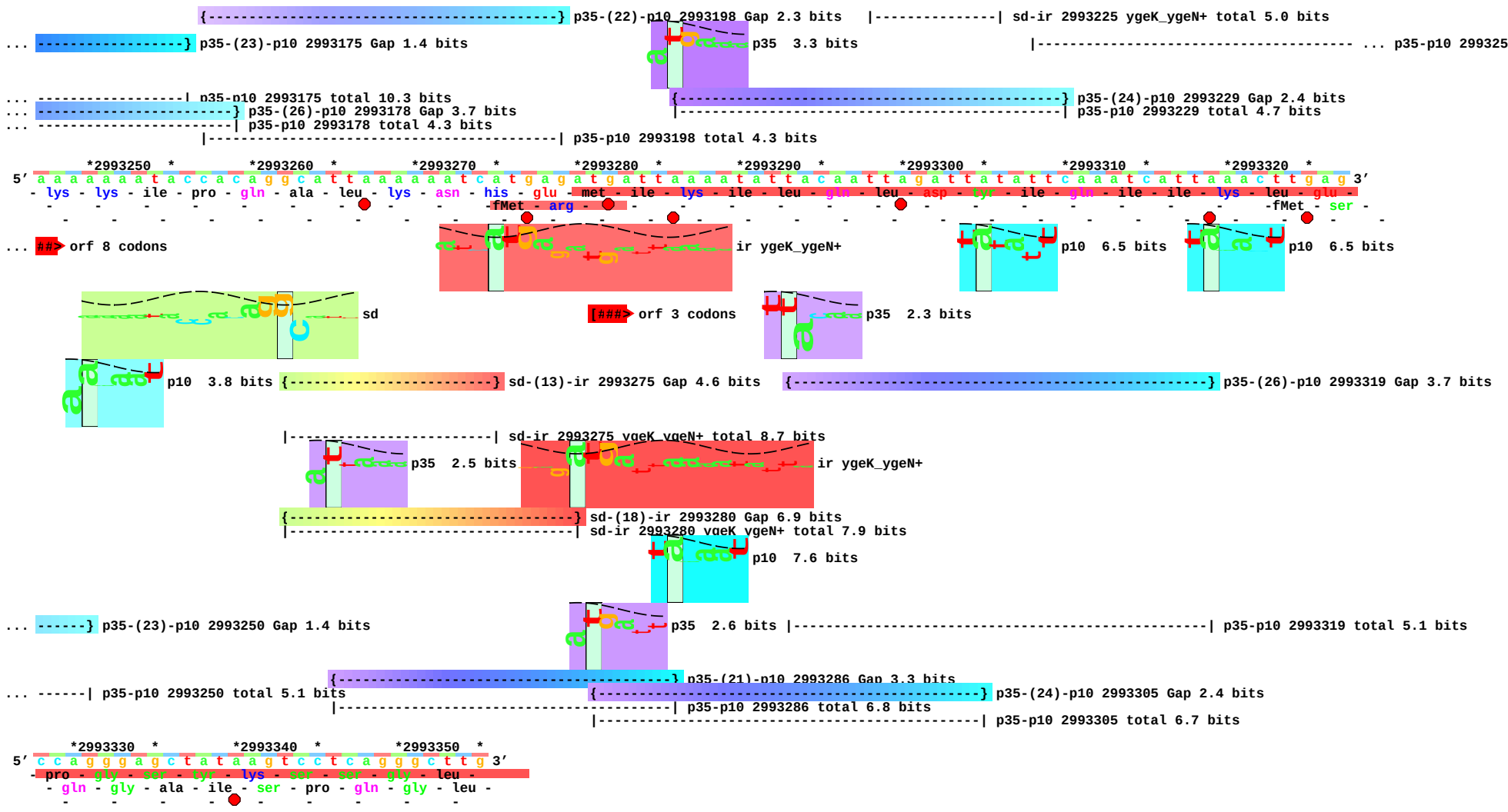
piece 1, NC_000913, ygeK_ygeN+, config: linear, direction: +, begin: 2993085, end: 2993355






{---------- p35-(22)-p10 2993198 Gap 2.3 bits
|---------- sd-ir 2993225 ygeK_ygeN+ total 5.0 bits
... ----------} p35-(23)-p10 2993175 Gap 1.4 bits
p35 3.3 bits
|---------- ... p35-p10 299325
... ----------| p35-p10 2993175 total 10.3 bits
{---------- p35-(24)-p10 2993229 Gap 2.4 bits
... ----------} p35-(26)-p10 2993178 Gap 3.7 bits
|---------- p35-p10 2993229 total 4.7 bits
... ----------| p35-p10 2993178 total 4.3 bits
|---------- p35-p10 2993198 total 4.3 bits
*2993250 *2993260 *2993270 *2993280 *2993290 *2993300 *2993310 *2993320 *
5′ a a a a a a a t a c c a c a g g c a t t a a a a a a t c a t g a g a t g a t t a a a a t a t t a c a a t t a g a t t a t a t t c a a a t c a t t a a a c t t g a g 3′
- lys - lys - ile - pro - gln - ala - leu - lys - asn - his - glu - met - ile - lys - ile - leu - gln - leu - asp - tyr - ile - gln - ile - ile - lys - leu - glu -
-fMet - arg - -fMet - ser -
... ##> orf 8 codons
ir ygeK_ygeN+
p10 6.5 bits
p10 6.5 bits
sd
[###> orf 3 codons
p35 2.3 bits
p10 3.8 bits {---------- sd-(13)-ir 2993275 Gap 4.6 bits
{---------- p35-(26)-p10 2993319 Gap 3.7 bits
|---------- sd-ir 2993275 ygeK_ygeN+ total 8.7 bits
p35 2.5 bits
ir ygeK_ygeN+
{---------- sd-(18)-ir 2993280 Gap 6.9 bits
|---------- sd-ir 2993280 ygeK_ygeN+ total 7.9 bits
p10 7.6 bits
... ------} p35-(23)-p10 2993250 Gap 1.4 bits
p35 2.6 bits |---------- p35-p10 2993319 total 5.1 bits
{---------- p35-(21)-p10 2993286 Gap 3.3 bits
... ------| p35-p10 2993250 total 5.1 bits
{---------- p35-(24)-p10 2993305 Gap 2.4 bits
|---------- p35-p10 2993286 total 6.8 bits
|---------- p35-p10 2993305 total 6.7 bits
*2993330 *2993340 *2993350 *
5′ c c a g g g a g c t a t a a g t c c t c a g g g c t t g 3′
- pro - gly - ser - tyr - lys - ser - ser - gly - leu -
- gln - gly - ala - ile - ser - pro - gln - gly - leu -