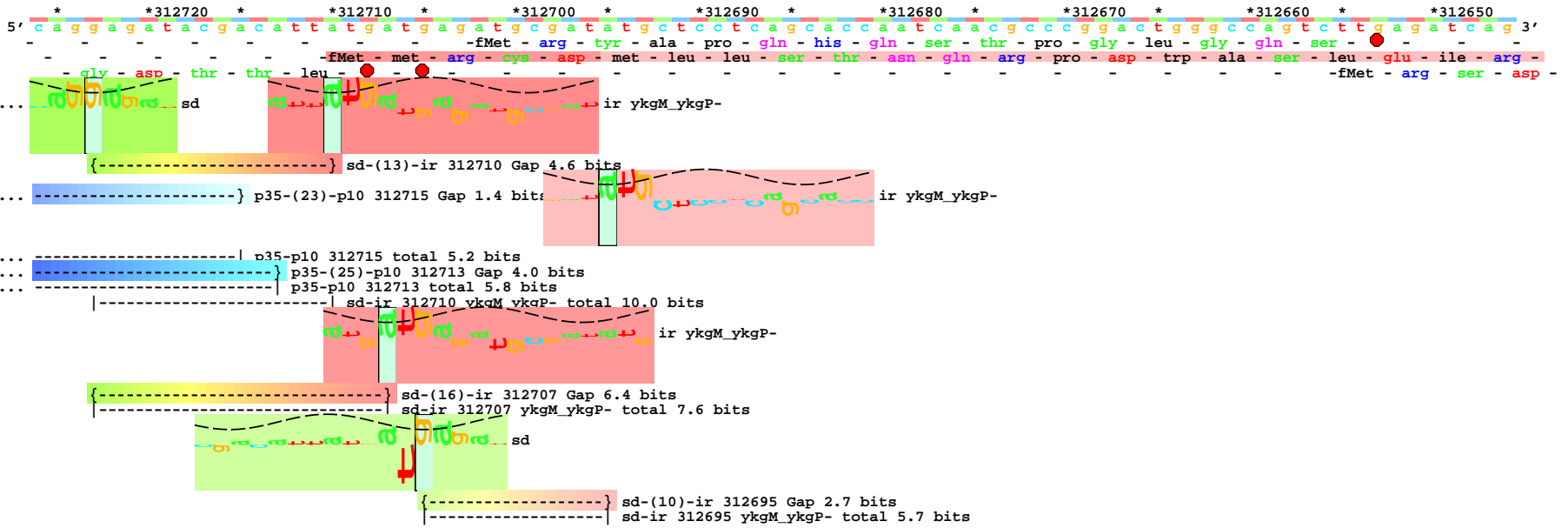
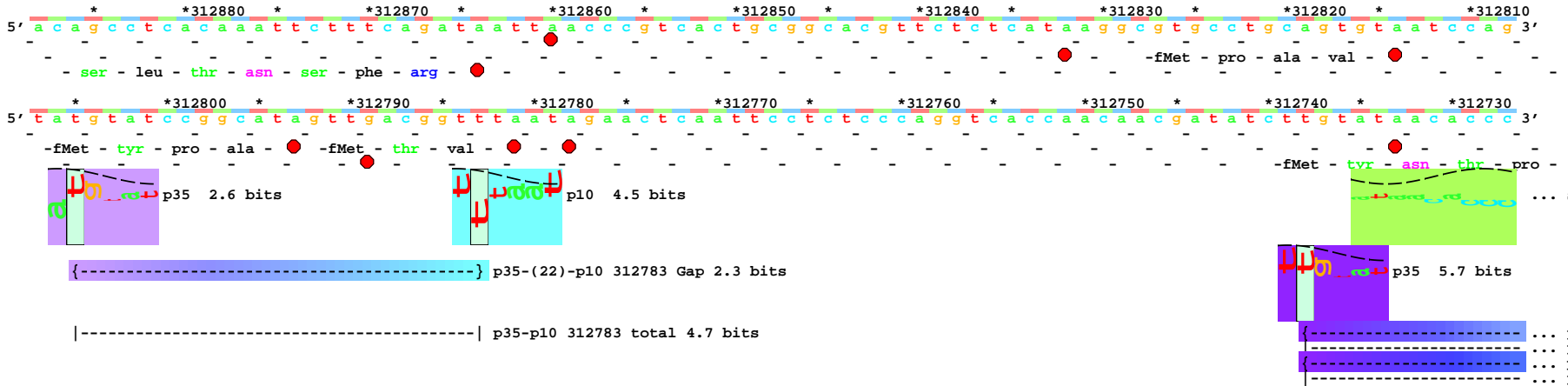
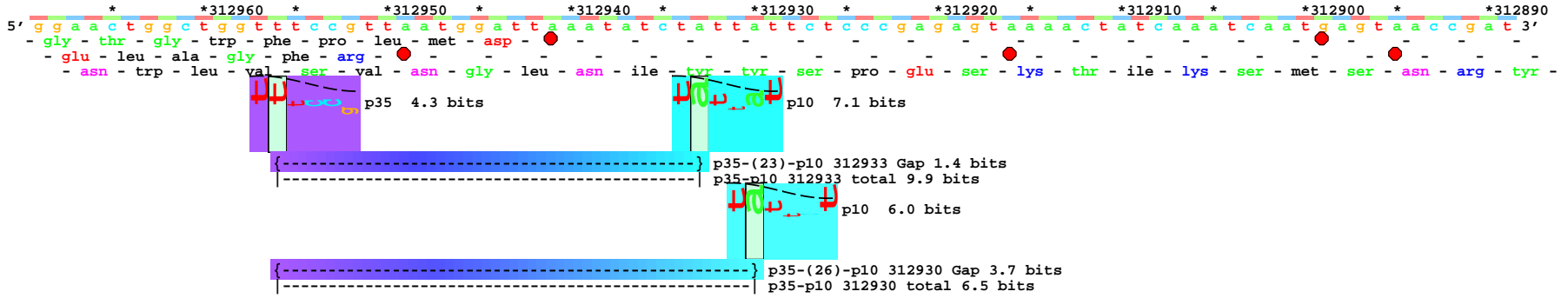
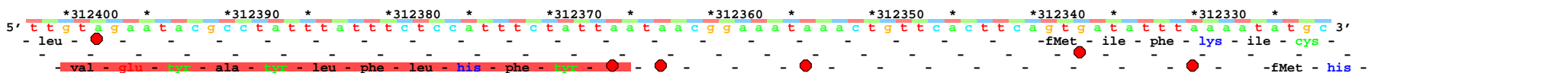
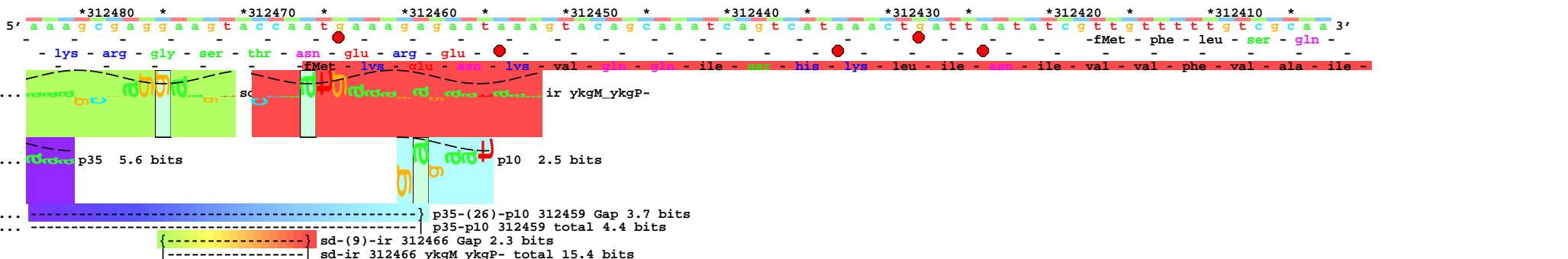
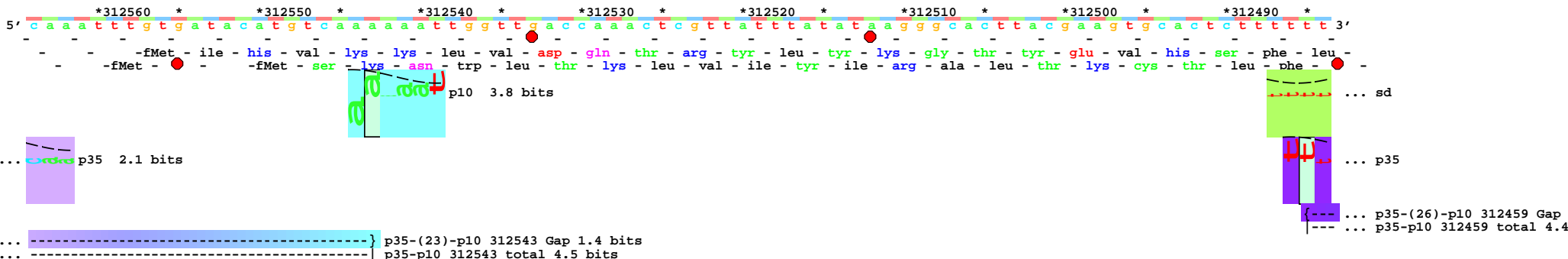
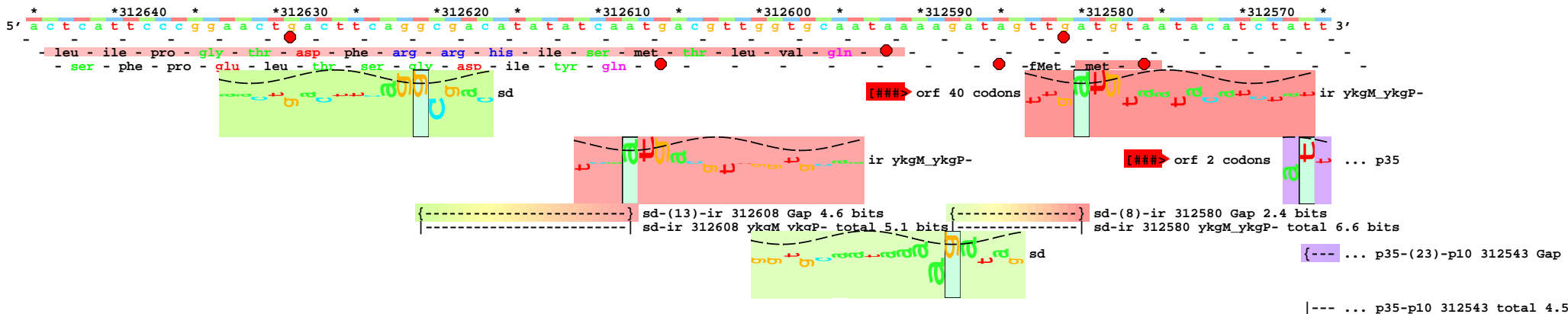
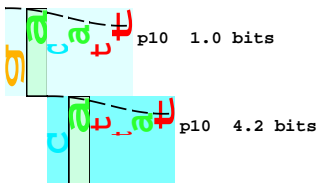


piece 1, NC_000913, ykgM_ykgP-, config: linear, direction: -, begin: 312969, end: 311982





p35 5.6 bits

*312320 * *312310 * *312300 * *312290 * *312280 * *312270 * *312260 * *312250 *
5' a t c c t c t c c t t t t t g t a a g t a a t t a t a t a t c c g t g g g a g a g g a a t a c a c c g c t g t c a g g t a a t c a a t c a t a c t g c g a t a 3'
- ile - leu - ser - leu - phe - cys - lys - - - - - fMet - gly - glu - glu - tyr - thr - leu - ser - gly - asn - gln - ser - tyr - cys - asp - lys -

p10 1.3 bits

p35-(22)-p10 312310 Gap 2.3 bits
p35-p10 312310 total 4.5 bits

*312240 * *312230 * *312220 * *312210 * *312200 * *312190 * *312180 * *312170 * *312160
5' a a t t a t c g g c c a g t a a a g t g g a g a t a a c c t c c a t t c t c g a a a a a t c c a t a c t c t c a g c a a a a c c a t c a t c a a t c a c t c a t c 3'
- leu - ser - ala - ser - lys - val - glu - ile - thr - ser - ile - leu - glu - lys - ser - ile - leu - ser - ala - lys - pro - ser - ser - ile - thr - his - pro -

... sd

*312150 * *312140 * *312130 * *312120 * *312110 * *312100 * *312090 * *312080
5' c a g g c g t t t a t g g g a g c g t c a c c a a t g g c t g c t a a c a a t g c c a g a g t t c c c c g t t g c g a a a a t t c c a c a t c c a c a a a g a g t 3'
- fMet - gly - ala - ser - pro - met - ala - ala - asn - asn - ala - arg - val - pro - arg - cys - glu - asn - ser - thr - ser - thr - lys - ser -
- gly - val - tyr - gly - ser - val - thr - asn - gly - cys - - - - - fMet - pro - glu - phe - pro - val - ala - lys - ile - pro - his - pro - gln - arg - val -
- fMet - arg - lys - phe - his - ile - his - lys - glu - ser -

sd ir ykgM_ykgP-

ir ykgM_ykgP-

sd-(6)-ir 312150 Gap 4.3 bits
sd-ir 312150 ykgM_ykgP- total 5.2 bits

sd-(11)-ir 312135 Gap 3.0 bits
sd-ir 312135 ykgM_ykgP- total 6.0 bits

*312070 * *312060 * *312050 * *312040 * *312030 * *312020 * *312010 * *312000
5' c a c a g g g a t t g a g t g t t g a a a t g a t c c g g a t g a g c a t g t a t c t t t a t g g t t a t g t t a t a a c a t a a c a g g t a a a a a t g a t g a 3'
- his - arg - asp - - - - - fMet - leu - lys - - - - - fMet - val - met - leu - - - - - fMet - met - lys -

[###] orf 28 codons

[###] orf 10 codons

[-----] ... NC_000913.ykgM

sd

ir ykgM_ykgP-

... ir

p35 6.4 bits

sd-(7)-ir 312043 Gap 3.7 bits

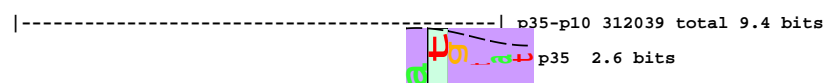
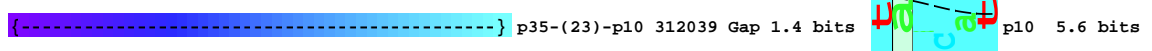
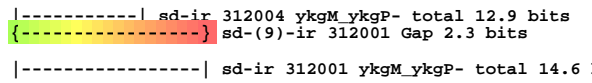
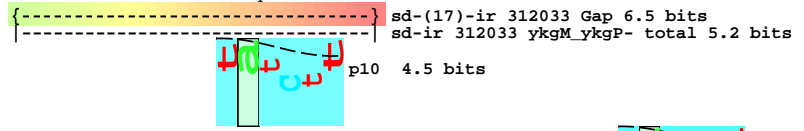
[###] orf 5 codons

sd-(6)-ir 312004 Gap 4.3 bits

sd-ir 312043 ykgM_ykgP- total 6.7 bits

sd

... ir



5' ^{*}agccccaatattccatcc^{*} 3'

pro - *pro* - ile - his -

... NC_000913.ykgM

