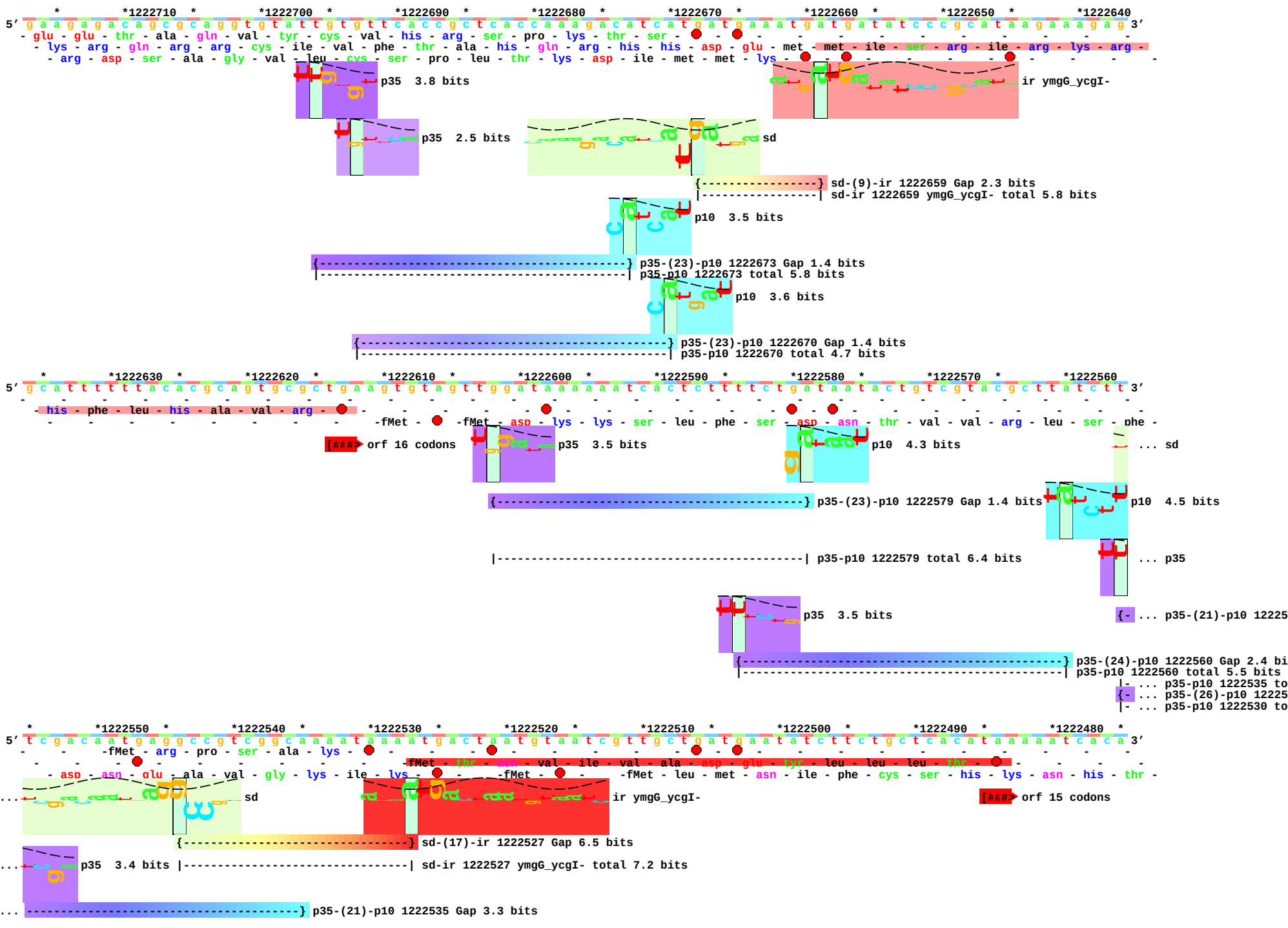
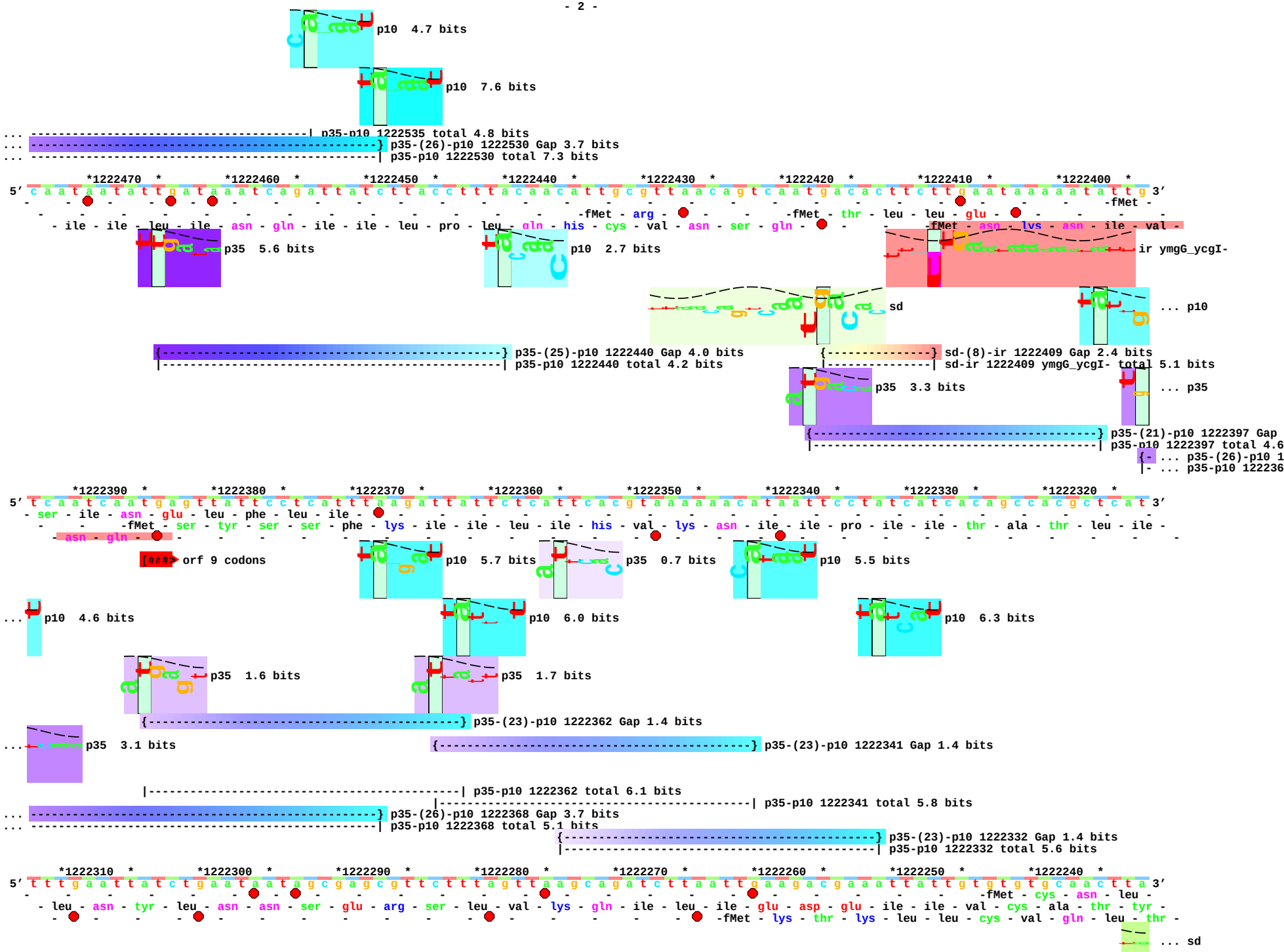
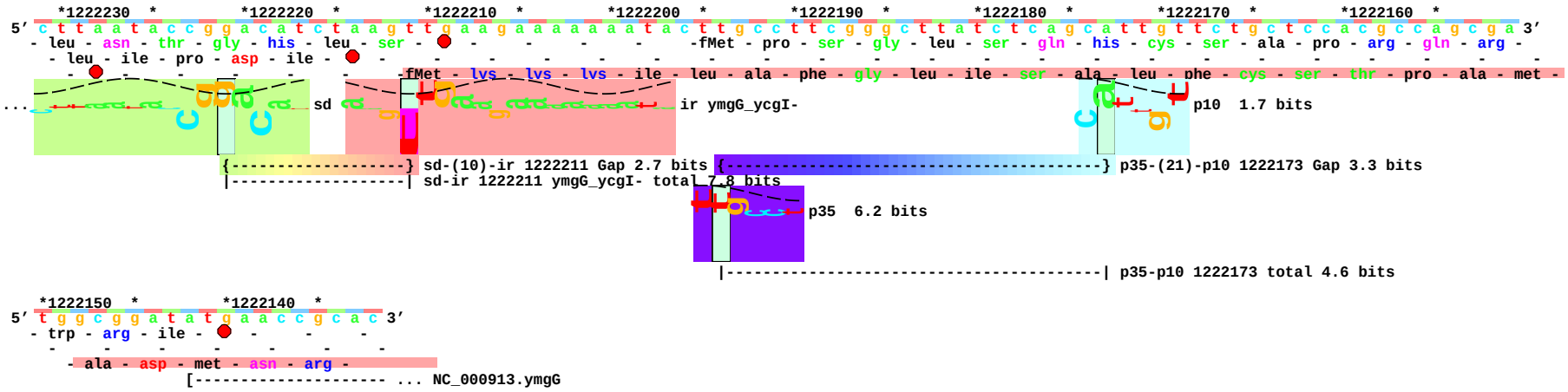
piece 1, NC_000913, ymgG_ycgI-, config: linear, direction: -, begin: 1222717, end: 1222132




p10 4.7 bits
p10 7.6 bits
p35-p10 1222535 total 4.8 bits
p35-(26)-p10 1222530 Gap 3.7 bits
p35-p10 1222530 total 7.3 bits
*1222470 *1222460 *1222450 *1222440 *1222430 *1222420 *1222410 *1222400 *
5′ c a a t a a t a t t g a t a a a t c a g a t t a t c t t a c c t t t a c a a c a t t g c g t t a a c a g t c a a t g a c a c t t c t t g a a t a a a a a t a t t g 3′
- fMet - fMet - arg - fMet - thr - leu - leu - glu - fMet -
- ile - ile - leu - ile - asn - gln - ile - ile - leu - pro - leu - gln - his - cys - val - asn - ser - gln - fMet - asn - lys - asn - ile - val -
p35 5.6 bits
p10 2.7 bits
ir ymgG_ycgI-
sd
... p10
p35-(25)-p10 1222440 Gap 4.0 bits
p35-p10 1222440 total 4.2 bits
sd-(8)-ir 1222409 Gap 2.4 bits
sd-ir 1222409 ymgG_ycgI- total 5.1 bits
p35 3.3 bits
... p35
p35-(21)-p10 1222397 Gap
p35-p10 1222397 total 4.6
... p35-(26)-p10 1
... p35-p10 122236
*1222390 *1222380 *1222370 *1222360 *1222350 *1222340 *1222330 *1222320 *
5′ t c a a t c a a t g a g t t a t t c c t c a t t t a a g a t t a t t c t c a t t c a c g t a a a a a c a t a a t t c c t a t c a t c a c a g c c a c g c t c a t 3′
- ser - ile - asn - glu - leu - phe - leu - ile -
- fMet - ser - tyr - ser - ser - phe - lys - ile - ile - leu - ile - his - val - lys - asn - ile - ile - pro - ile - ile - thr - ala - thr - leu - ile -
- asn - gln -
[###> orf 9 codons
p10 5.7 bits
p35 0.7 bits
p10 5.5 bits
... p10 4.6 bits
p10 6.0 bits
p10 6.3 bits
p35 1.6 bits
p35 1.7 bits
p35-(23)-p10 1222362 Gap 1.4 bits
... p35 3.1 bits
p35-(23)-p10 1222341 Gap 1.4 bits
p35-p10 1222362 total 6.1 bits
p35-p10 1222341 total 5.8 bits
... p35-(26)-p10 1222368 Gap 3.7 bits
... p35-p10 1222368 total 5.1 bits
p35-(23)-p10 1222332 Gap 1.4 bits
p35-p10 1222332 total 5.6 bits
*1222310 *1222300 *1222290 *1222280 *1222270 *1222260 *1222250 *1222240 *
5′ t t t g a a t t a t c t g a a t a a t a g c g a g c g t t c t t t a g t t a a g c a g a t c t t a a t t g a a g a c g a a a t t a t t g t g t g t g c a a c t t a 3′
- fMet - cys - asn - leu -
- leu - asn - tyr - leu - asn - asn - ser - glu - arg - ser - leu - val - lys - gln - ile - leu - ile - glu - asp - glu - ile - ile - val - cys - ala - thr - tyr -
- fMet - lys - thr - lys - leu - leu - cys - val - gln - leu - thr -
... sd


*1222230 *1222220 *1222210 *1222200 *1222190 *1222180 *1222170 *1222160 *
5′ c t t a a t a c c g g a c a t c t a a g t t g a a g a a a a a a a t a c t t g c c t t c g g g c t t a t c t c a g c a t t g t t c t g c t c c a c g c c a g c g a 3′
- leu - asn - thr - gly - his - leu - ser - -fMet - pro - ser - gly - leu - ser - gln - his - cys - ser - ala - pro - arg - gln - arg -
- leu - ile - pro - asp - ile - -fMet - lys - lys - lys - ile - leu - ala - phe - gly - leu - ile - ser - ala - leu - phe - cys - ser - thr - pro - ala - met -
... sd ir ymgG_ycgI- p10 1.7 bits
{----------} sd-(10)-ir 1222211 Gap 2.7 bits {----------} p35-(21)-p10 1222173 Gap 3.3 bits
|----------| sd-ir 1222211 ymgG_ycgI- total 7.8 bits
p35 6.2 bits
|----------| p35-p10 1222173 total 4.6 bits
*1222150 *1222140 *
5′ t g g c g g a t a t g a a c c g c a c 3′
- trp - arg - ile -
- ala - asp - met - asn - arg -
[---------- ... NC_000913.ymgG