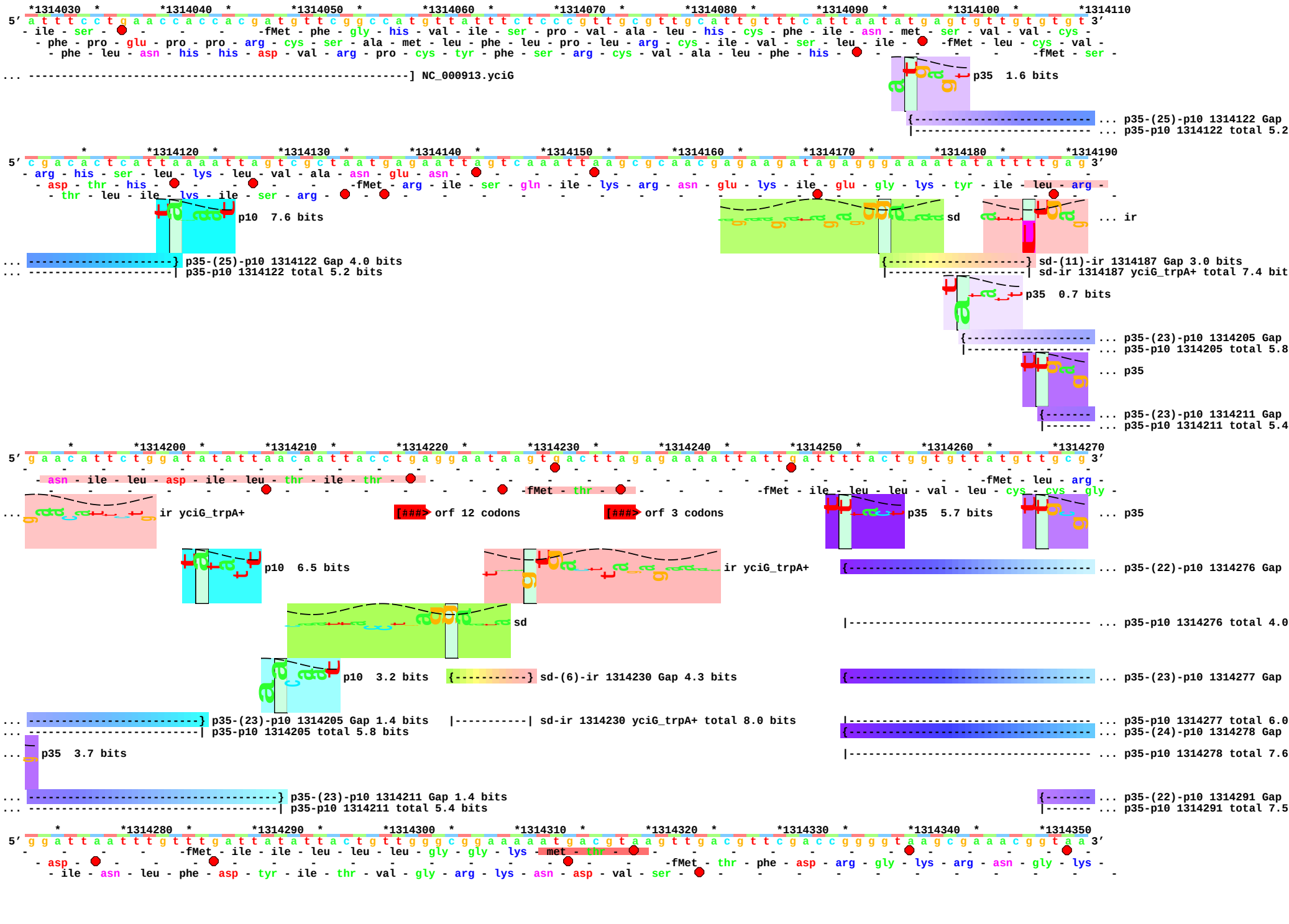
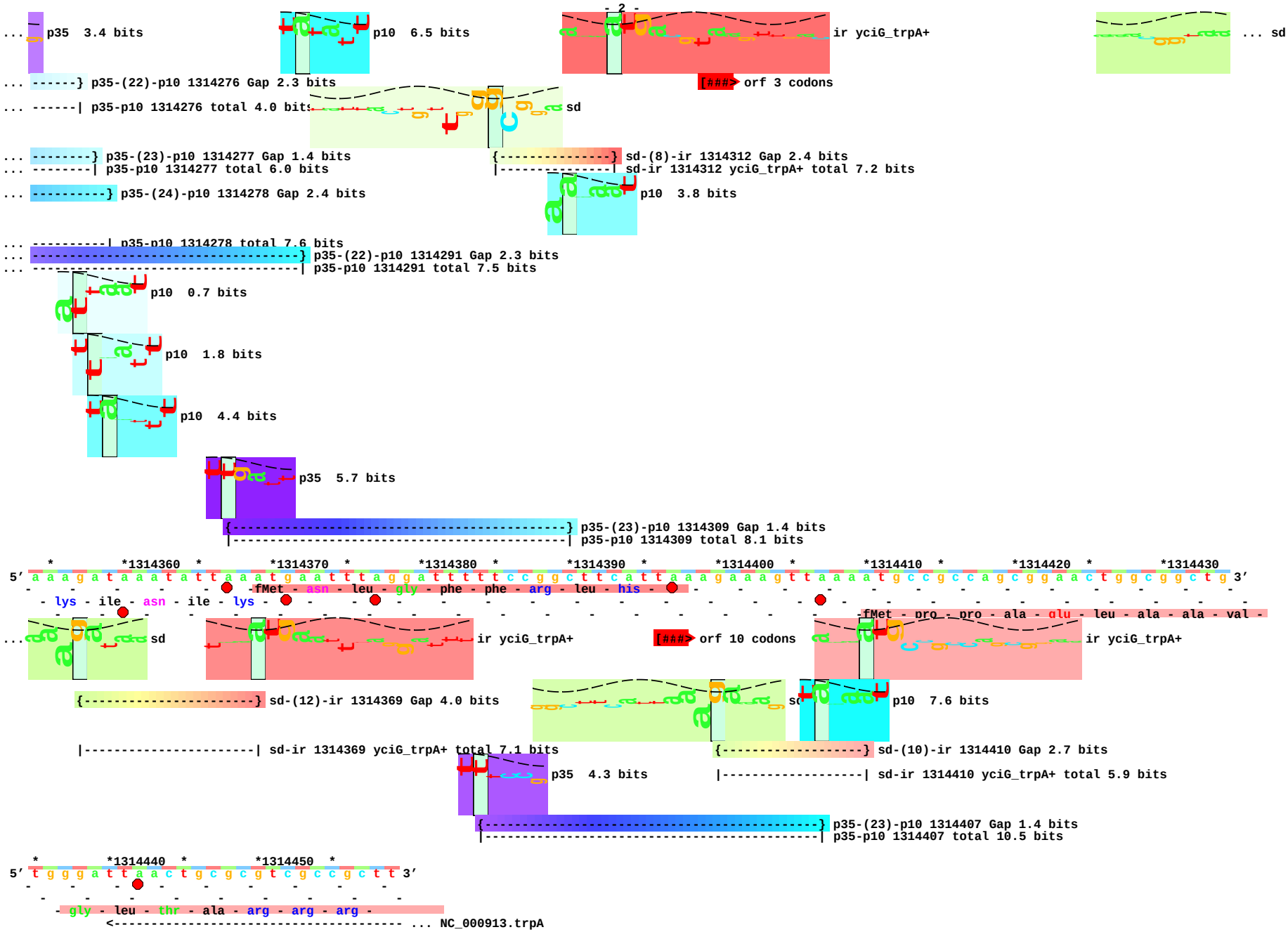
piece 1, NC_000913, yciG_trpA+, config: linear, direction: +, begin: 1314030, end: 1314459


*1314030 *1314040 *1314050 *1314060 *1314070 *1314080 *1314090 *1314100 *1314110
5' a t t t c c t g a a c c a c c a c g a t g t t c g g c c a t g t t a t t t c t c c c g t t g c g t t g c a t t g t t t c a t t a a t a t g a g t g t t g t g t g t g t 3'
- ile - ser - - - - -fMet - phe - gly - his - val - ile - ser - pro - val - ala - leu - his - cys - phe - ile - asn - met - ser - val - val - cys -
- phe - pro - glu - pro - pro - arg - cys - ser - ala - met - leu - phe - leu - pro - leu - arg - cys - ile - val - ser - leu - ile - - -fMet - leu - cys - val -
- phe - leu - asn - his - his - asp - val - arg - pro - cys - tyr - phe - ser - arg - cys - val - ala - leu - phe - his - - - - - -fMet - ser -
...] NC_000913.yciG
p35 1.6 bits
... p35-(25)-p10 1314122 Gap
... p35-p10 1314122 total 5.2
*1314120 *1314130 *1314140 *1314150 *1314160 *1314170 *1314180 *1314190
5' c g a c a c t c a t t a a a a t t a g t c g c t a a t g a g a a t t a g t c a a a t t a a g c g c a a c g a g a a g a t a g a g g g a a a a t a t a t t t t g a g 3'
- arg - his - ser - leu - lys - leu - val - ala - asn - glu - asn -
- asp - thr - his - - - - - -fMet - arg - ile - ser - gln - ile - lys - arg - asn - glu - lys - ile - glu - gly - lys - tyr - ile - leu - arg -
- thr - leu - ile - lys - ile - ser - arg -
p10 7.6 bits
sd
... ir
... p35-(25)-p10 1314122 Gap 4.0 bits
... p35-p10 1314122 total 5.2 bits
... sd-(11)-ir 1314187 Gap 3.0 bits
... sd-ir 1314187 yciG_trpA+ total 7.4 bit
p35 0.7 bits
... p35-(23)-p10 1314205 Gap
... p35-p10 1314205 total 5.8
... p35
... p35-(23)-p10 1314211 Gap
... p35-p10 1314211 total 5.4
*1314200 *1314210 *1314220 *1314230 *1314240 *1314250 *1314260 *1314270
5' g a a c a t t c t g g a t a t a t t a a c a a t t a c c t g a g g a a t a a g t g a c t t a g a g a a a a t t a t t g a t t t t a c t g g t g t t a t g t t g c g 3'
- asn - ile - leu - asp - ile - leu - thr - ile - thr -fMet - leu - arg -
- - - - - - - - - - - - - - - - - - - -


- 2 -
... p35 3.4 bits
p10 6.5 bits
ir yciG_trpA+
... sd
... ------} p35-(22)-p10 1314276 Gap 2.3 bits
[###> orf 3 codons
... ------| p35-p10 1314276 total 4.0 bits
sd
... --------} p35-(23)-p10 1314277 Gap 1.4 bits
{----------} sd-(8)-ir 1314312 Gap 2.4 bits
... --------| p35-p10 1314277 total 6.0 bits
|----------| sd-ir 1314312 yciG_trpA+ total 7.2 bits
... ----------} p35-(24)-p10 1314278 Gap 2.4 bits
p10 3.8 bits
... ----------| p35-p10 1314278 total 7.6 bits
... ----------} p35-(22)-p10 1314291 Gap 2.3 bits
... ----------| p35-p10 1314291 total 7.5 bits
p10 0.7 bits
p10 1.8 bits
p10 4.4 bits
p35 5.7 bits
{----------} p35-(23)-p10 1314309 Gap 1.4 bits
|----------| p35-p10 1314309 total 8.1 bits
* *1314360 * *1314370 * *1314380 * *1314390 * *1314400 * *1314410 * *1314420 * *1314430
5' a a a g a t a a a t a t t a a a t g a a t t t a g g a t t t t t c c g g c t t c a t t a a a g a a a g t t a a a a t g c c g c c a g c g g a a c t g g c g g c t g 3'
- - - - - - - fMet - asn - leu - gly - phe - phe - arg - leu - his -
- lys - ile - asn - ile - lys -
- -
fMet - pro - pro - ala - glu - leu - ala - ala - val -
... sd
ir yciG_trpA+
[###> orf 10 codons
ir yciG_trpA+
{----------} sd-(12)-ir 1314369 Gap 4.0 bits
sd
p10 7.6 bits
|----------| sd-ir 1314369 yciG_trpA+ total 7.1 bits
{----------} sd-(10)-ir 1314410 Gap 2.7 bits
p35 4.3 bits
|----------| sd-ir 1314410 yciG_trpA+ total 5.9 bits
{----------} p35-(23)-p10 1314407 Gap 1.4 bits
|----------| p35-p10 1314407 total 10.5 bits
* *1314440 * *1314450 *
5' t g g g a t t a a c t g c g c g t c g c c g c t t 3'
- -
- gly - leu - thr - ala - arg - arg - arg -
<---------- ... NC_000913.trpA