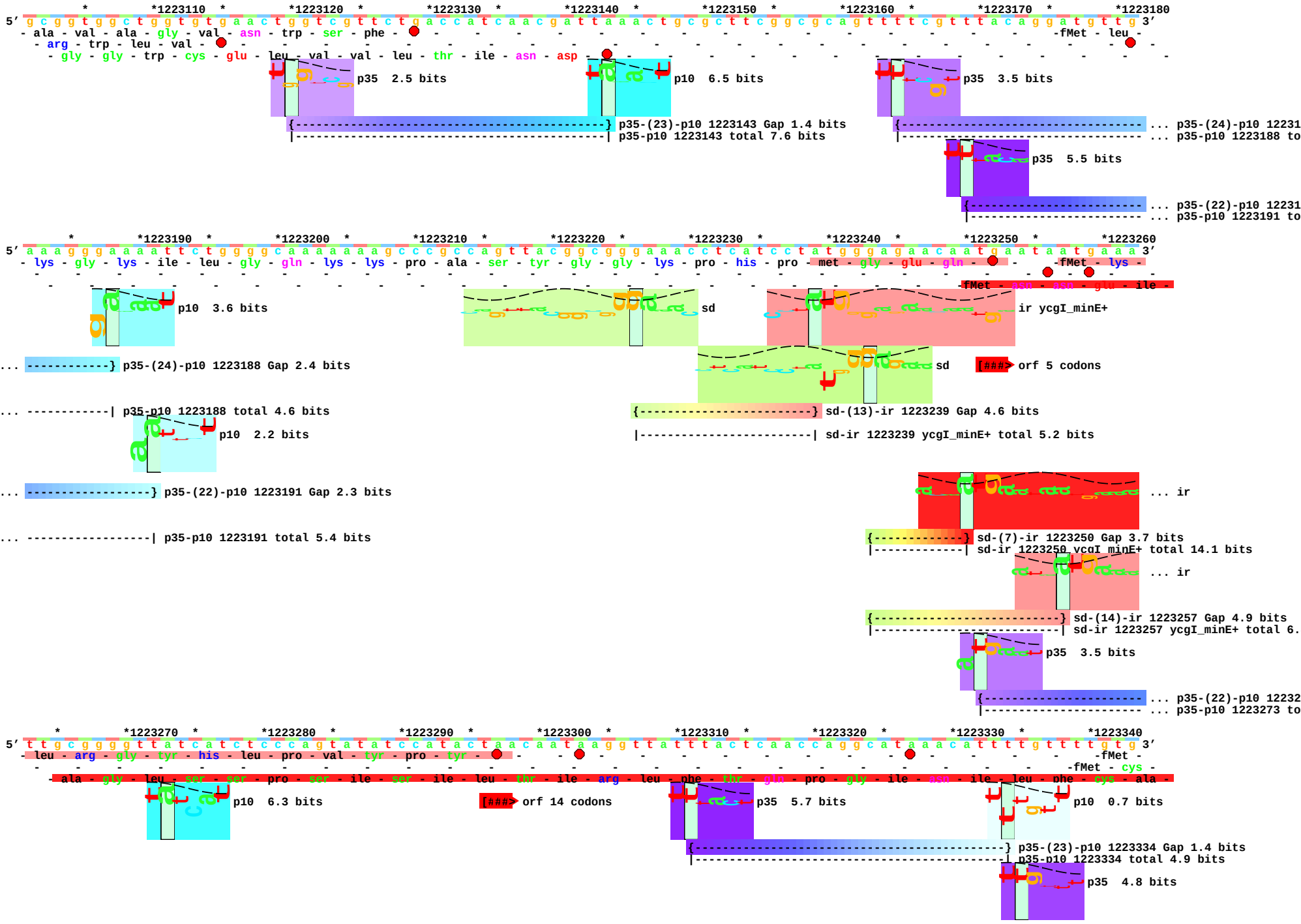
piece 1, NC_000913, ycgI_minE+, config: linear, direction: +, begin: 1223101, end: 1223521



... ir ycgI_minE+
{---------- ... p35-(24)-p10 1
|---------- ... p35-p10 122335
... ir ycgI_minE+
... ----------} p35-(22)-p10 1223273 Gap 2.3 bits
... ----------| p35-p10 1223273 total 7.5 bits
*1223350 *1223360 *1223370 *1223380 *1223390 *1223400 *1223410 *1223420
5' c g t g g g a a c a g c c t t a a g g t g t a a a g g g g g a g g t g g a a a t a g c a a t g a g g a g t a t c a g c a a g a a t a c t c g c c g c t t t a c c a 3'
- arg - gly - asn - ser - leu - lys - val -
- val - gly - thr - ala - leu - arg - cys - lys - gly - gly - gly - gly - asn - ser - asn - glu - glu - tyr - gln - gln - glu - tyr - ser - pro - leu - tyr - his -
- trp - glu - gln - pro -
-fMet - glu - ile - ala - met - arg - ser - ile - ser - lys - asn - thr - arg - arg - phe - thr - thr -
[###> orf 37 codons
ir ycgI_minE+
p10 3.5 bits
... sd
sd
ir ycgI_minE+
{----------} sd-(14)-ir 1223376 Gap 4.9 bits
|----------| sd-ir 1223376 ycgI_minE+ total 5.4 bits
... ----------} p35-(24)-p10 1223359 Gap 2.4 bits
... ----------| p35-p10 1223359 total 5.5 bits
{----------} sd-(9)-ir 1223388 Gap 2.3 bits
|----------| sd-ir 1223388 ycgI_minE+ total 6.0 bits
sd
p10 3.2 bits
p35 2.0 bits
{----------} p35-(23)-p10 1223407 Gap 1.4 bits
|----------| p35-p10 1223407 total 4.0 bits
*1223430 *1223440 *1223450 *1223460 *1223470 *1223480 *1223490 *1223500 *
5' c a a c g t g g a t g a g a g g g a t g a a a a a c t c a a g g c a g a g a t a a c t c t g c c t t g a a g a t a a a t g c g c t t t t a c a g c g g g c t t a t 3'
-fMet - lys - ile - asn - ala - leu - leu - gln - arg - ala - tyr -
- asn - val - asp - glu - arg - asp - glu - lys - leu - lys - ala - glu - ile - thr - leu - pro - -fMet - arg - phe - tyr - ser - gly - leu - ile -
- thr - trp - met - arg - gly - met - lys - asn - ser - arg - gln - arg -
... sd
[###> orf 30 codons
<------- ... NC_000913.minE
ir ycgI_minE+
{----------} sd-(10)-ir 1223442 Gap 2.7 bits
|----------| sd-ir 1223442 ycgI_minE+ total 8.3 bits
*1223510 *1223520
5' t t c a g c t c t t c t g c t t 3'
- phe - ser - ser - ser - ala -
- ser - ala - leu - leu - leu -
-fMet
... ---------- ... NC_000913.minE