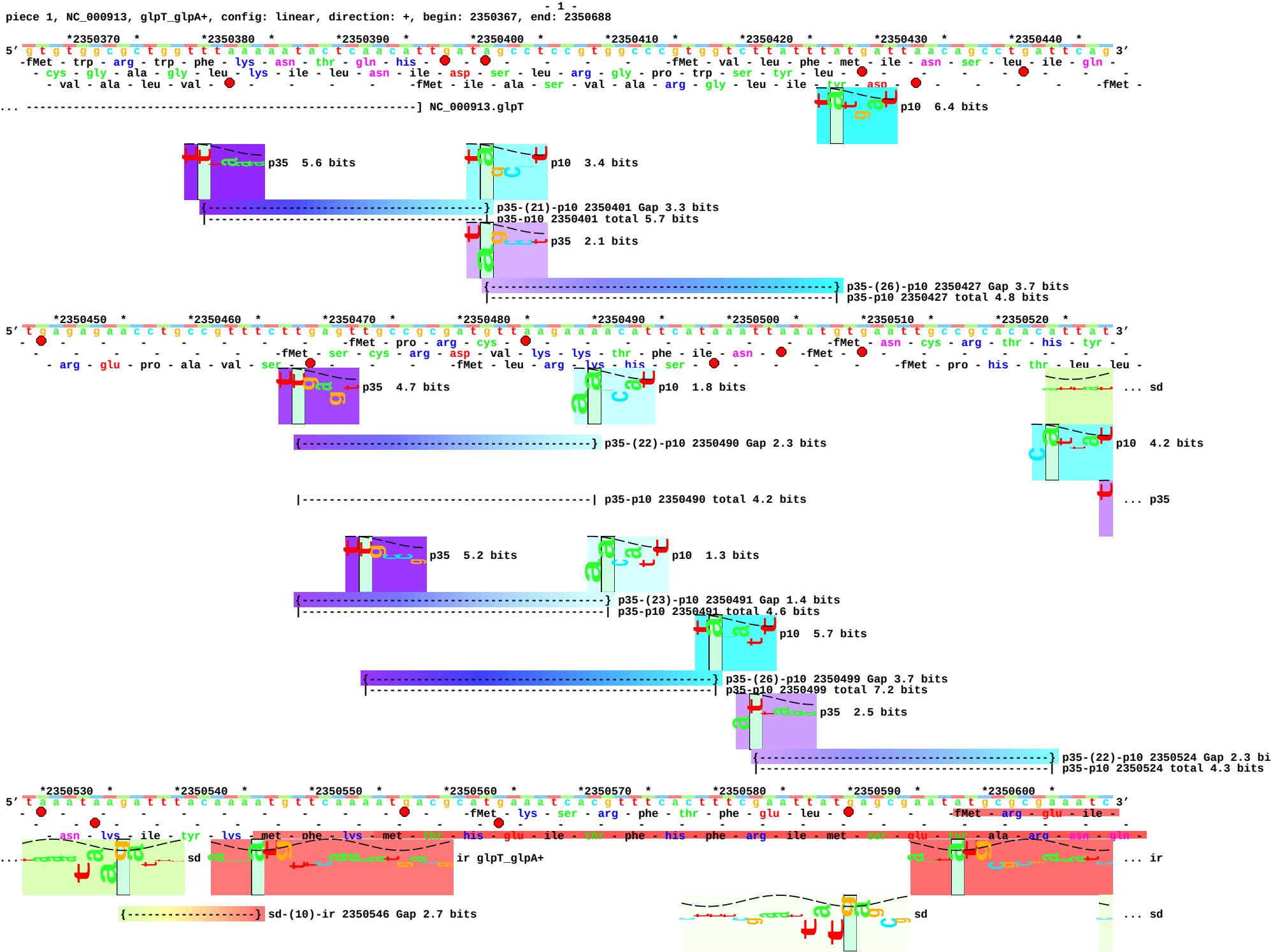
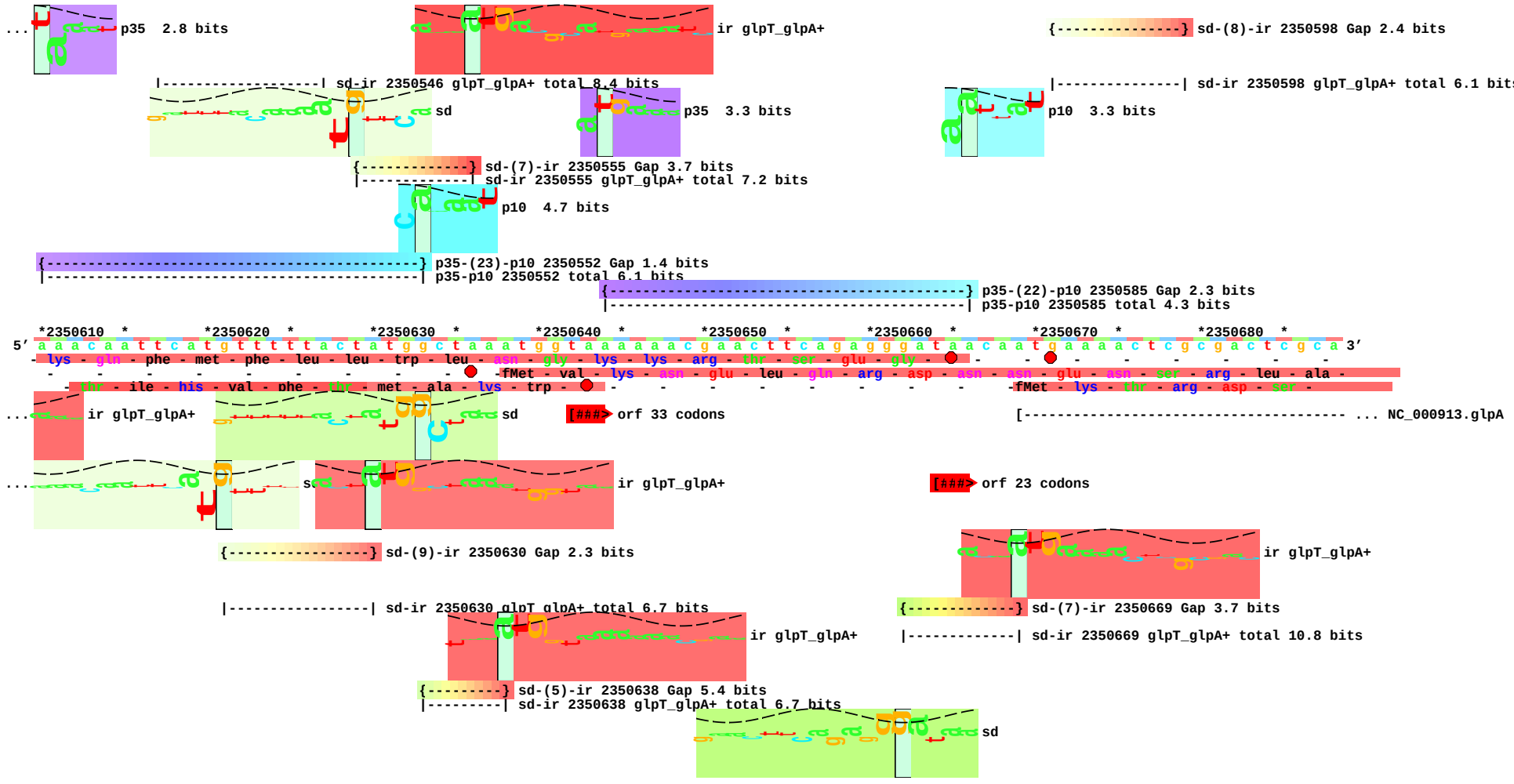

piece 1, NC_000913, glpT_glpA+, config: linear, direction: +, begin: 2350367, end: 2350688
*2350370 * *2350380 * *2350390 * *2350400 * *2350410 * *2350420 * *2350430 * *2350440 *
5′ g t g t g g c g c t g g t t t a a a a t a c t c a a c a t t g a t a g c c t c c g t g g c c c g t g g t c t t a t t t a t g a t t a a c a g c c t g a t t c a g 3′
-fMet - trp - arg - trp - phe - lys - asn - thr - gln - his - fMet - val - leu - phe - met - ile - asn - ser - leu - ile - gln -
- cys - gly - ala - gly - leu - lys - ile - leu - asn - ile - asp - ser - leu - arg - gly - pro - trp - ser - tyr - leu - fMet -
- val - ala - leu - val - fMet - ile - ala - ser - val - ala - arg - gly - leu - ile - tyr - asp - fMet -
...] NC_000913.glpT
p10 6.4 bits
p35 5.6 bits
p10 3.4 bits
} p35-(21)-p10 2350401 Gap 3.3 bits
| p35-p10 2350401 total 5.7 bits
p35 2.1 bits
} p35-(26)-p10 2350427 Gap 3.7 bits
| p35-p10 2350427 total 4.8 bits
*2350450 * *2350460 * *2350470 * *2350480 * *2350490 * *2350500 * *2350510 * *2350520 *
5′ t g a g a g a a c c t g c c g t t t c t t g a g t t g c c g c g a t g t t a a g a a a a c a t t c a t a a a t t a a a t g t g a a t t g c c g c a c a c a t t a t 3′
- fMet - asn - cys - arg - thr - his - tyr -
- fMet - ser - cys - arg - asp - val - lys - lys - thr - phe - ile - asn - fMet -
- arg - glu - pro - ala - val - ser - fMet - leu - arg - lys - his - ser - fMet - pro - his - thr - leu - leu -
p35 4.7 bits
p10 1.8 bits
... sd
p10 4.2 bits
} p35-(22)-p10 2350490 Gap 2.3 bits
| p35-p10 2350490 total 4.2 bits
... p35
p35 5.2 bits
p10 1.3 bits
} p35-(23)-p10 2350491 Gap 1.4 bits
| p35-p10 2350491 total 4.6 bits
p10 5.7 bits
} p35-(26)-p10 2350499 Gap 3.7 bits
| p35-p10 2350499 total 7.2 bits
p35 2.5 bits
} p35-(22)-p10 2350524 Gap 2.3 bi
| p35-p10 2350524 total 4.3 bits
*2350530 * *2350540 * *2350550 * *2350560 * *2350570 * *2350580 * *2350590 * *2350600 *
5′ t a a a t a a g a t t t a c a a a a t g t t c a a a a t g a c g c a t g a a a t c a c g t t t c a c t t t c g a a t t a t g a g c g a a t a t g c g c g a a a t c 3′
- fMet - lys - ser - arg - phe - thr - phe - glu - leu - fMet - arg - glu - ile -
- asn - lys - ile - tyr - lys - met - phe - lys - met - thr - his - glu - ile - thr - phe - his - phe - arg - ile - met - ser - glu - thr - ala - arg - asn - gln -
... sd
ir glpT_glpA+
... ir
} sd-(10)-ir 2350546 Gap 2.7 bits
sd
... sd


... p35 2.8 bits
ir glpT_glpA+
{----------} sd-(8)-ir 2350598 Gap 2.4 bits
|----------| sd-ir 2350546 glpT_glpA+ total 8.4 bits
|----------| sd-ir 2350598 glpT_glpA+ total 6.1 bits
sd
p35 3.3 bits
p10 3.3 bits
{----------} sd-(7)-ir 2350555 Gap 3.7 bits
|----------| sd-ir 2350555 glpT_glpA+ total 7.2 bits
p10 4.7 bits
{----------} p35-(23)-p10 2350552 Gap 1.4 bits
|----------| p35-p10 2350552 total 6.1 bits
{----------} p35-(22)-p10 2350585 Gap 2.3 bits
|----------| p35-p10 2350585 total 4.3 bits
*2350610 * *2350620 * *2350630 * *2350640 * *2350650 * *2350660 * *2350670 * *2350680 *
5' a a a c a a t t c a t g t t t t t a c t a t g g c t a a a t g g t a a a a a a c g a a c t t c a g a g g g a t a a c a a t g a a a a c t c g c g a c t c g c a 3'
- lys - gln - phe - met - phe - leu - leu - trp - leu - asn - gly - lys - lys - arg - thr - ser - glu - gly -
- fMet - val - lys - asn - glu - leu - gln - arg - asp - asn - asn - glu - asn - ser - arg - leu - ala -
- thr - ile - his - val - phe - thr - met - ala - lys - trp -
fMet - lys - thr - arg - asp - ser -
... ir glpT_glpA+
sd
[###> orf 33 codons
[---------- ... NC_000913.glpA
... s
ir glpT_glpA+
[###> orf 23 codons
{----------} sd-(9)-ir 2350630 Gap 2.3 bits
ir glpT_glpA+
|----------| sd-ir 2350630 glpT_glpA+ total 6.7 bits
{----------} sd-(7)-ir 2350669 Gap 3.7 bits
ir glpT_glpA+
|----------| sd-ir 2350669 glpT_glpA+ total 10.8 bits
{---------} sd-(5)-ir 2350638 Gap 5.4 bits
|---------| sd-ir 2350638 glpT_glpA+ total 6.7 bits
sd