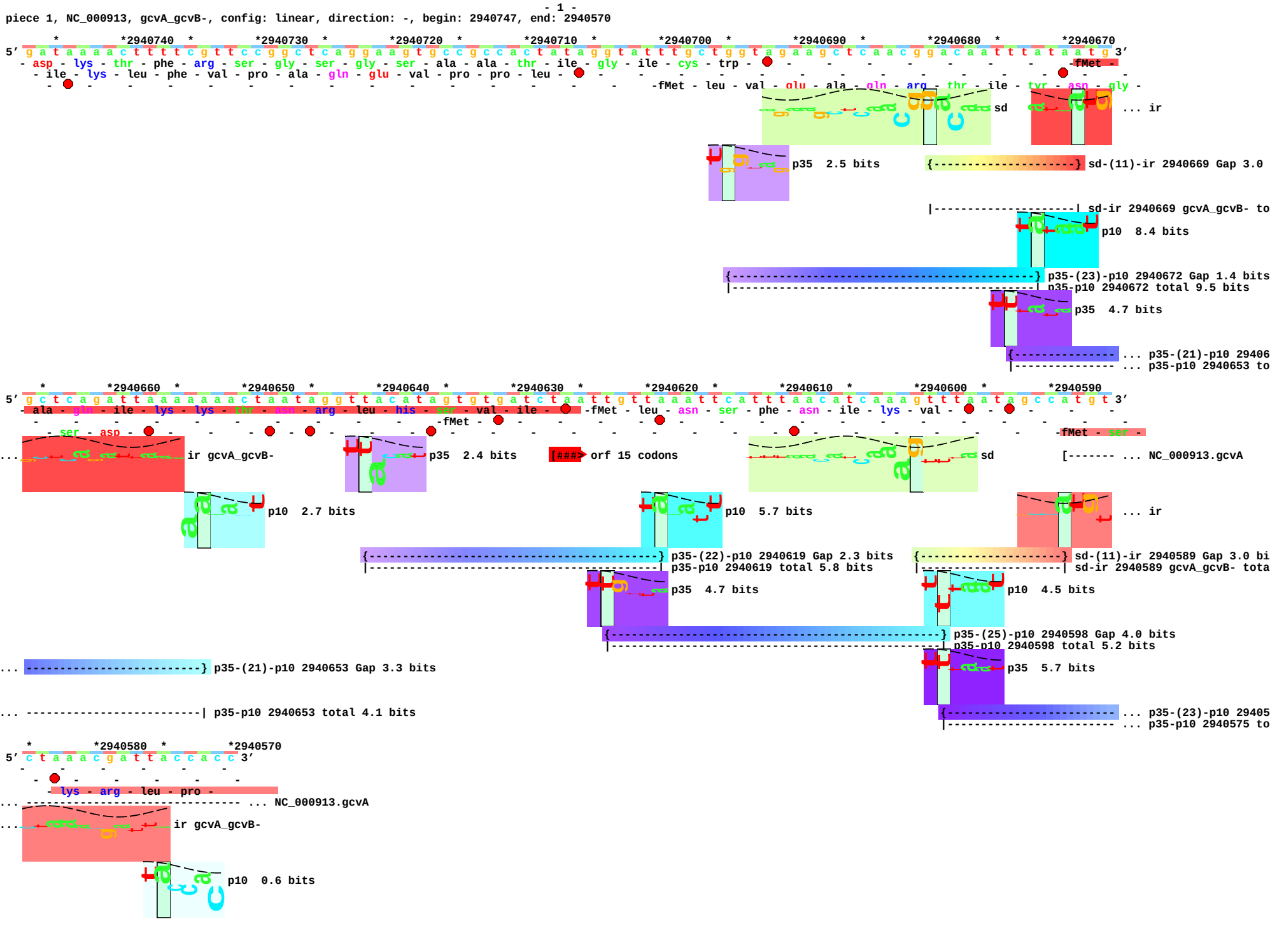
piece 1, NC_000913, gcvA_gcvB-, config: linear, direction: -, begin: 2940747, end: 2940570
*2940740 *2940730 *2940720 *2940710 *2940700 *2940690 *2940680 *2940670
5′ g a t a a a a c t t t t c g t t c c g g c t c a g g a a g t g c c g c c a c t a t a g g t a t t t g c t g g t a g a a g c t c a a c g g a c a a t t t a t a a t g 3′
- asp - lys - thr - phe - arg - ser - gly - ser - gly - ser - ala - ala - thr - ile - gly - ile - cys - trp -
- ile - lys - leu - phe - val - pro - ala - gln - glu - val - pro - pro - leu -
-fMet - leu - val - glu - ala - gln - arg - thr - ile - tyr - asn - gly -
sd
... ir
p35 2.5 bits
{---------- sd-(11)-ir 2940669 Gap 3.0
|---------- sd-ir 2940669 gcvA_gcvB- to
p10 8.4 bits
{---------- p35-(23)-p10 2940672 Gap 1.4 bits
|---------- p35-p10 2940672 total 9.5 bits
p35 4.7 bits
{---------- ... p35-(21)-p10 29406
|---------- ... p35-p10 2940653 to
*2940660 *2940650 *2940640 *2940630 *2940620 *2940610 *2940600 *2940590
5′ g c t c a g a t t a a a a a a a c t a a t a g g t t a c a t a g t g t g a t c t a a t t g t t a a a t t c a t t t a a c a t c a a a g t t t a a t a g c c a t g t 3′
- ala - gln - ile - lys - lys - thr - asn - arg - leu - his - ser - val - ile -
-fMet - leu - asn - ser - phe - asn - ile - lys - val -
- ser - asp -
-fMet - ser -
... ir gcvA_gcvB-
p35 2.4 bits
[###> orf 15 codons
sd
[------- ... NC_000913.gcvA
p10 2.7 bits
p10 5.7 bits
... ir
{---------- p35-(22)-p10 2940619 Gap 2.3 bits
|---------- p35-p10 2940619 total 5.8 bits
{---------- sd-(11)-ir 2940589 Gap 3.0 bi
|---------- sd-ir 2940589 gcvA_gcvB- tota
p35 4.7 bits
p10 4.5 bits
{---------- p35-(25)-p10 2940598 Gap 4.0 bits
|---------- p35-p10 2940598 total 5.2 bits
... ----------} p35-(21)-p10 2940653 Gap 3.3 bits
p35 5.7 bits
... ----------| p35-p10 2940653 total 4.1 bits
{---------- ... p35-(23)-p10 29405
|---------- ... p35-p10 2940575 to
*2940580 *2940570
5′ c t a a a c g a t t a c c a c c 3′
- lys - arg - leu - pro -
... ---------- ... NC_000913.gcvA
... ir gcvA_gcvB-
p10 0.6 bits

```
... --------------------} p35-(23)-p10 2940575 Gap 1.4 bits
... --------------------| p35-p10 2940575 total 4.8 bits
```