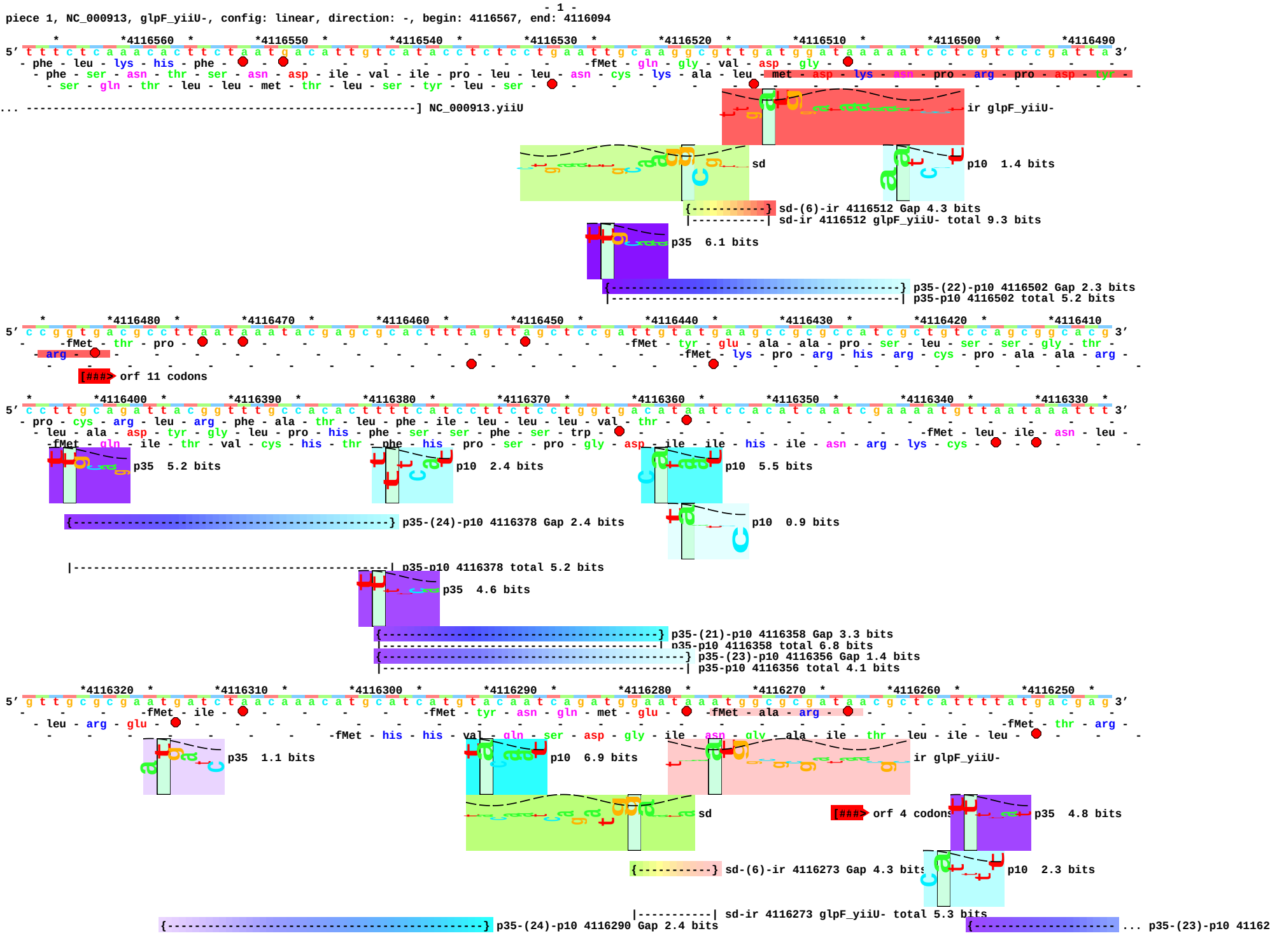
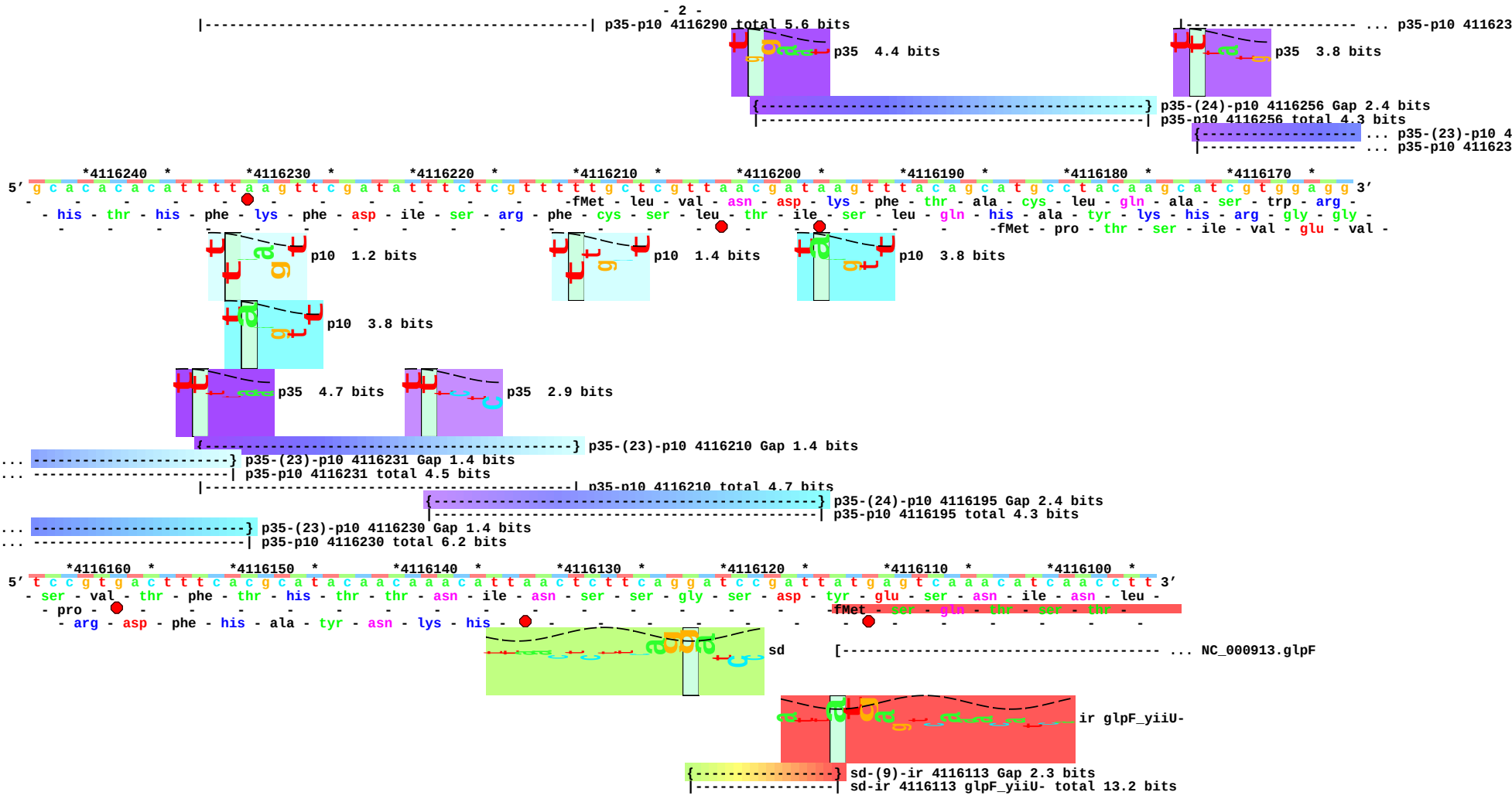

piece 1, NC_000913, glpF_yiiU-, config: linear, direction: -, begin: 4116567, end: 4116094
*4116560 *4116550 *4116540 *4116530 *4116520 *4116510 *4116500 *4116490
5′ t t t c t c a a a c a c t t c t a a t g a c a t t g t c a t a c c t c t c c t g a a t g c a a g g c g t t g a t g g a t a a a a t c c t c g t c c c g a t t a 3′
- phe - leu - lys - his - phe - -fMet - gln - gly - val - asp - gly -
- phe - ser - asn - thr - ser - asn - asp - ile - val - ile - pro - leu - leu - asn - cys - lys - ala - leu - met - asp - lys - asn - pro - arg - pro - asp - tyr -
- ser - gln - thr - leu - leu - met - thr - leu - ser - tyr - leu - ser -
... ----------] NC_000913.yiiU
ir glpF_yiiU-
sd
p10 1.4 bits
{----------} sd-(6)-ir 4116512 Gap 4.3 bits
|----------| sd-ir 4116512 glpF_yiiU- total 9.3 bits
p35 6.1 bits
{----------} p35-(22)-p10 4116502 Gap 2.3 bits
|----------| p35-p10 4116502 total 5.2 bits
*4116480 *4116470 *4116460 *4116450 *4116440 *4116430 *4116420 *4116410
5′ c c g g t g a c g c c t t a a t a a a t a c g a g c g c a c t t t a g t t a g c t c c g a t t g t a t g a a g c c g c g c c a t c g c t g t c c a g c g g c a c g 3′
-fMet - thr - pro - -fMet - tyr - glu - ala - ala - pro - ser - leu - ser - ser - gly - thr -
- arg - -fMet - lys - pro - arg - his - arg - cys - pro - ala - ala - arg -
[###> orf 11 codons
*4116400 *4116390 *4116380 *4116370 *4116360 *4116350 *4116340 *4116330
5′ c c t t g c a g a t t a c g g t t t g c c a c a c t t t t c a t c c t t c t c c t g g t g a c a t a a t c c a c a t c a a t c g a a a a t g t t a a t a a a t t t 3′
- pro - cys - arg - leu - arg - phe - ala - thr - leu - phe - ile - leu - leu - leu - val - thr -
- leu - ala - asp - tyr - gly - leu - pro - his - phe - ser - ser - phe - ser - trp - -fMet - leu - ile - asn - leu -
-fMet - gln - ile - thr - val - cys - his - thr - phe - his - pro - ser - pro - gly - asp - ile - ile - his - ile - asn - arg - lys - cys -
p35 5.2 bits
p10 2.4 bits
p10 5.5 bits
{----------} p35-(24)-p10 4116378 Gap 2.4 bits
p10 0.9 bits
|----------| p35-p10 4116378 total 5.2 bits
p35 4.6 bits
{----------} p35-(21)-p10 4116358 Gap 3.3 bits
|----------| p35-p10 4116358 total 6.8 bits
{----------} p35-(23)-p10 4116356 Gap 1.4 bits
|----------| p35-p10 4116356 total 4.1 bits
*4116320 *4116310 *4116300 *4116290 *4116280 *4116270 *4116260 *4116250
5′ g t t g c g c g a a t g a t c t a a c a a a c a t g c a t c a t g t a c a a t c g a g t g g a a t a a a t g g c g c g a t a a c g c t c a t t t t a t g a c g a g 3′
- -fMet - ile - -fMet - tyr - asn - gln - met - glu - -fMet - ala - arg -
- leu - arg - glu - -fMet - his - his - val - gln - ser - asp - gly - ile - asn - gly - ala - ile - thr - leu - ile - leu - -fMet - thr - arg -
p35 1.1 bits
p10 6.9 bits
ir glpF_yiiU-
sd
[###> orf 4 codons
p35 4.8 bits
{----------} sd-(6)-ir 4116273 Gap 4.3 bits
p10 2.3 bits
|----------| sd-ir 4116273 glpF_yiiU- total 5.3 bits
{----------} p35-(24)-p10 4116290 Gap 2.4 bits
{---------- ... p35-(23)-p10 41162


|----------| p35-p10 4116290 total 5.6 bits
p35 4.4 bits
|---------- ... p35-p10 411623
p35 3.8 bits
{----------} p35-(24)-p10 4116256 Gap 2.4 bits
|----------| p35-p10 4116256 total 4.3 bits
{---------- ... p35-(23)-p10 4
|---------- ... p35-p10 411623
*4116240 * *4116230 * *4116220 * *4116210 * *4116200 * *4116190 * *4116180 * *4116170 *
5′ g c a c a c a c a t t t t a a g t t c g a t a t t t c t c g t t t t t g c t c g t t a a c g a t a a g t t t a c a g c a t g c c t a c a a g c a t c g t g g a g g 3′
-fMet - leu - val - asn - asp - lys - phe - thr - ala - cys - leu - gln - ala - ser - trp - arg -
- his - thr - his - phe - lys - phe - asp - ile - ser - arg - phe - cys - ser - leu - thr - ile - ser - leu - gln - his - ala - tyr - lys - his - arg - gly - gly -
-fMet - pro - thr - ser - ile - val - glu - val -
p10 1.2 bits
p10 1.4 bits
p10 3.8 bits
p10 3.8 bits
p35 4.7 bits
p35 2.9 bits
{----------} p35-(23)-p10 4116210 Gap 1.4 bits
... ----------} p35-(23)-p10 4116231 Gap 1.4 bits
... ----------| p35-p10 4116231 total 4.5 bits
|----------| p35-p10 4116210 total 4.7 bits
{----------} p35-(24)-p10 4116195 Gap 2.4 bits
|----------| p35-p10 4116195 total 4.3 bits
... ----------} p35-(23)-p10 4116230 Gap 1.4 bits
... ----------| p35-p10 4116230 total 6.2 bits
*4116160 * *4116150 * *4116140 * *4116130 * *4116120 * *4116110 * *4116100 *
5′ t c c g t g a c t t t c a c g c a t a c a a c a a a c a t t a a c t c t t c a g g a t c c g a t t a t g a g t c a a a c a t c a a c c t t 3′
- ser - val - thr - phe - thr - his - thr - thr - asn - ile - asn - ser - ser - gly - ser - asp - tyr - glu - ser - asn - ile - asn - leu -
-fMet - ser - gln - thr - ser - thr -
- pro - arg - asp - phe - his - ala - tyr - asn - lys - his -
sd
[---------- ... NC_000913.glpF
ir glpF_yiiU-
{----------} sd-(9)-ir 4116113 Gap 2.3 bits
|----------| sd-ir 4116113 glpF_yiiU- total 13.2 bits