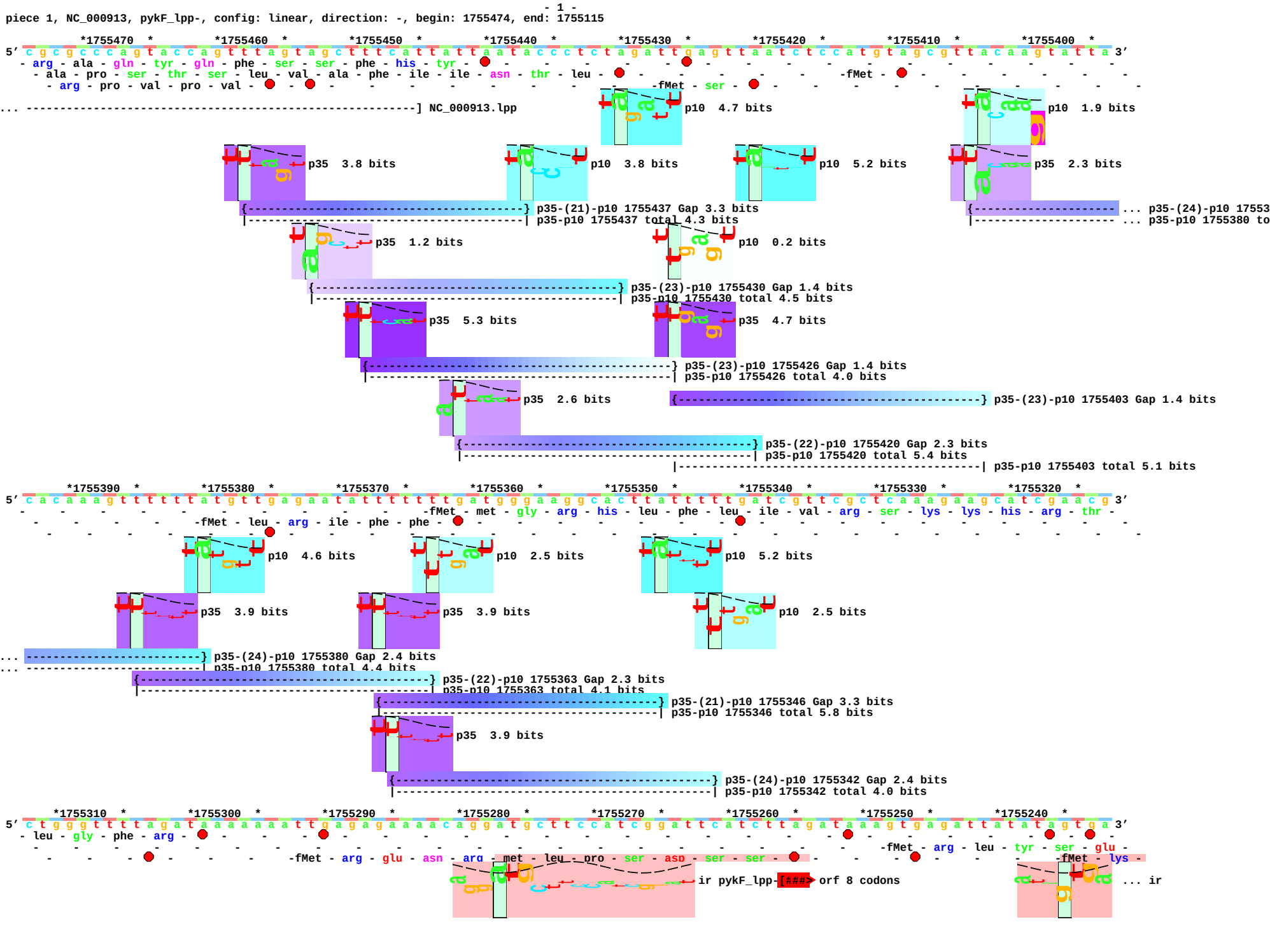
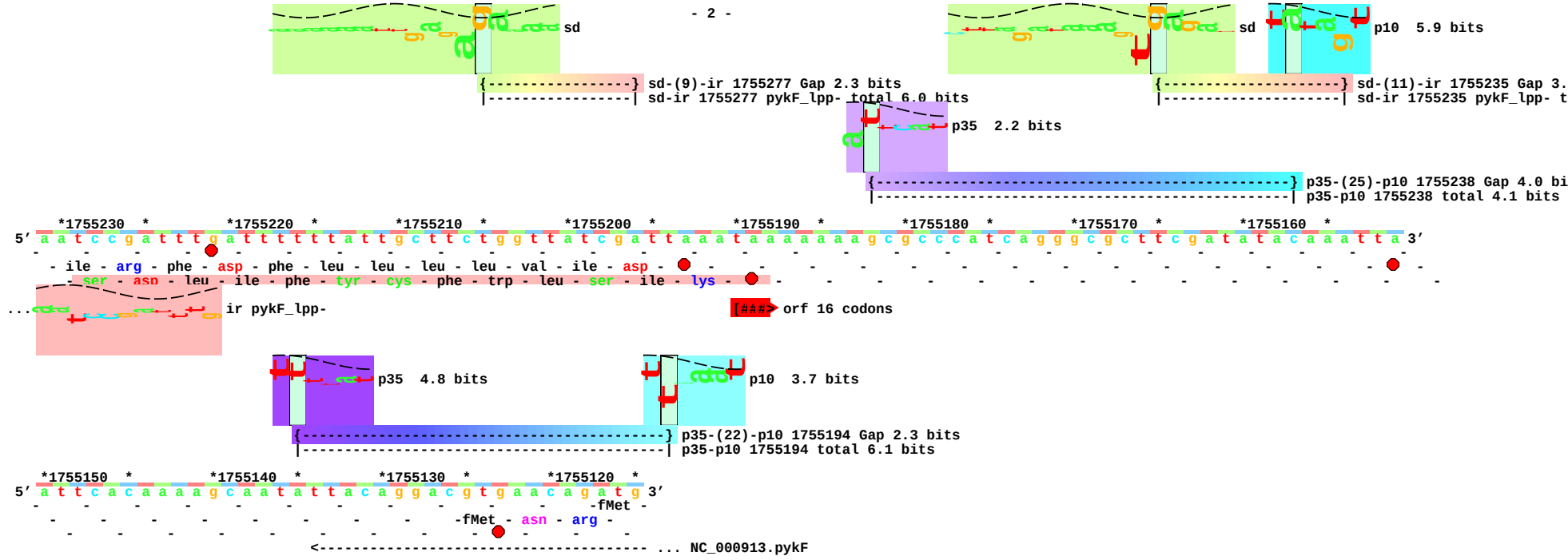

- 1 -
piece 1, NC_000913, pykF_lpp-, config: linear, direction: -, begin: 1755474, end: 1755115
*1755470 *1755460 *1755450 *1755440 *1755430 *1755420 *1755410 *1755400 *
5′ c g c g c c c a g t a c c a g t t t a g t a g c t t t c a t t a t t a a t a c c c t c t a g a t t g a g t t a a t c t c c a t g t a g c g t t a c a a g t a t t a 3′
- arg - ala - gln - tyr - gln - phe - ser - ser - phe - his - tyr -
- ala - pro - ser - thr - ser - leu - val - ala - phe - ile - ile - asn - thr - leu -
- arg - pro - val - pro - val -
-fMet - ser -
-fMet -
... ----------] NC_000913.lpp
p10 4.7 bits
p10 1.9 bits
p35 3.8 bits
p10 3.8 bits
p10 5.2 bits
p35 2.3 bits
{----------} p35-(21)-p10 1755437 Gap 3.3 bits
|----------| p35-p10 1755437 total 4.3 bits
{---------- ... p35-(24)-p10 17553
|---------- ... p35-p10 1755380 to
p35 1.2 bits
p10 0.2 bits
{----------} p35-(23)-p10 1755430 Gap 1.4 bits
|----------| p35-p10 1755430 total 4.5 bits
p35 5.3 bits
p35 4.7 bits
{----------} p35-(23)-p10 1755426 Gap 1.4 bits
|----------| p35-p10 1755426 total 4.0 bits
p35 2.6 bits
{----------} p35-(23)-p10 1755403 Gap 1.4 bits
{----------} p35-(22)-p10 1755420 Gap 2.3 bits
|----------| p35-p10 1755420 total 5.4 bits
|----------| p35-p10 1755403 total 5.1 bits
*1755390 *1755380 *1755370 *1755360 *1755350 *1755340 *1755330 *1755320 *
5′ c a c a a a g t t t t t t a t g t t g a g a a t a t t t t t t g a t g g g a a g g c a c t t a t t t t t g a t c g t t c g c t c a a a g a a g c a t c g a a c g 3′
-fMet - met - gly - arg - his - leu - phe - leu - ile - val - arg - ser - lys - lys - his - arg - thr -
-fMet - leu - arg - ile - phe - phe -
p10 4.6 bits
p10 2.5 bits
p10 5.2 bits
p35 3.9 bits
p35 3.9 bits
p10 2.5 bits
... ----------} p35-(24)-p10 1755380 Gap 2.4 bits
... ----------| p35-p10 1755380 total 4.4 bits
{----------} p35-(22)-p10 1755363 Gap 2.3 bits
|----------| p35-p10 1755363 total 4.1 bits
{----------} p35-(21)-p10 1755346 Gap 3.3 bits
|----------| p35-p10 1755346 total 5.8 bits
p35 3.9 bits
{----------} p35-(24)-p10 1755342 Gap 2.4 bits
|----------| p35-p10 1755342 total 4.0 bits
*1755310 *1755300 *1755290 *1755280 *1755270 *1755260 *1755250 *1755240 *
5′ c t g g g t t t t a g a t a a a a a a t t g a g a g a a a a c a g g a t g c t t c c a t c g g a t t c a t c t t a g a t a a a g t g a g a t t a t a t a g t g a 3′
- leu - gly - phe - arg -
-fMet - arg - glu - asn - arg - met - leu - pro - ser - asp - ser - ser -
-fMet - arg - leu - tyr - ser - glu -
-fMet - lys -
ir pykF_lpp-[###> orf 8 codons
... ir


sd
sd
p10 5.9 bits
{----------} sd-(9)-ir 1755277 Gap 2.3 bits
|----------| sd-ir 1755277 pykF_lpp- total 6.0 bits
{----------} sd-(11)-ir 1755235 Gap 3.
|----------| sd-ir 1755235 pykF_lpp- t
p35 2.2 bits
{----------} p35-(25)-p10 1755238 Gap 4.0 bi
|----------| p35-p10 1755238 total 4.1 bits
*1755230 *
*1755220 *
*1755210 *
*1755200 *
*1755190 *
*1755180 *
*1755170 *
*1755160 *
5' a a t c c g a t t t g a t t t t t t a t t g c t t c t g g t t a t c g a t t a a a t a a a a a a a g c g c c c a t c a g g g c g c t t c g a t a t a c a a a t t a 3'
- ile - arg - phe - asp - phe - leu - leu - leu - leu - val - ile - asp -
- ser - asn - leu - ile - phe - tyr - cys - phe - trp - leu - ser - ile - lys -
...
ir pykF_lpp-
[###> orf 16 codons
p35 4.8 bits
p10 3.7 bits
{----------} p35-(22)-p10 1755194 Gap 2.3 bits
|----------| p35-p10 1755194 total 6.1 bits
*1755150 *
*1755140 *
*1755130 *
*1755120 *
5' a t t c a c a a a a g c a a t a t t a c a g g a c g t g a a c a g a t g 3'
-fMet -
-fMet - asn - arg -
<---------- ... NC_000913.pykF