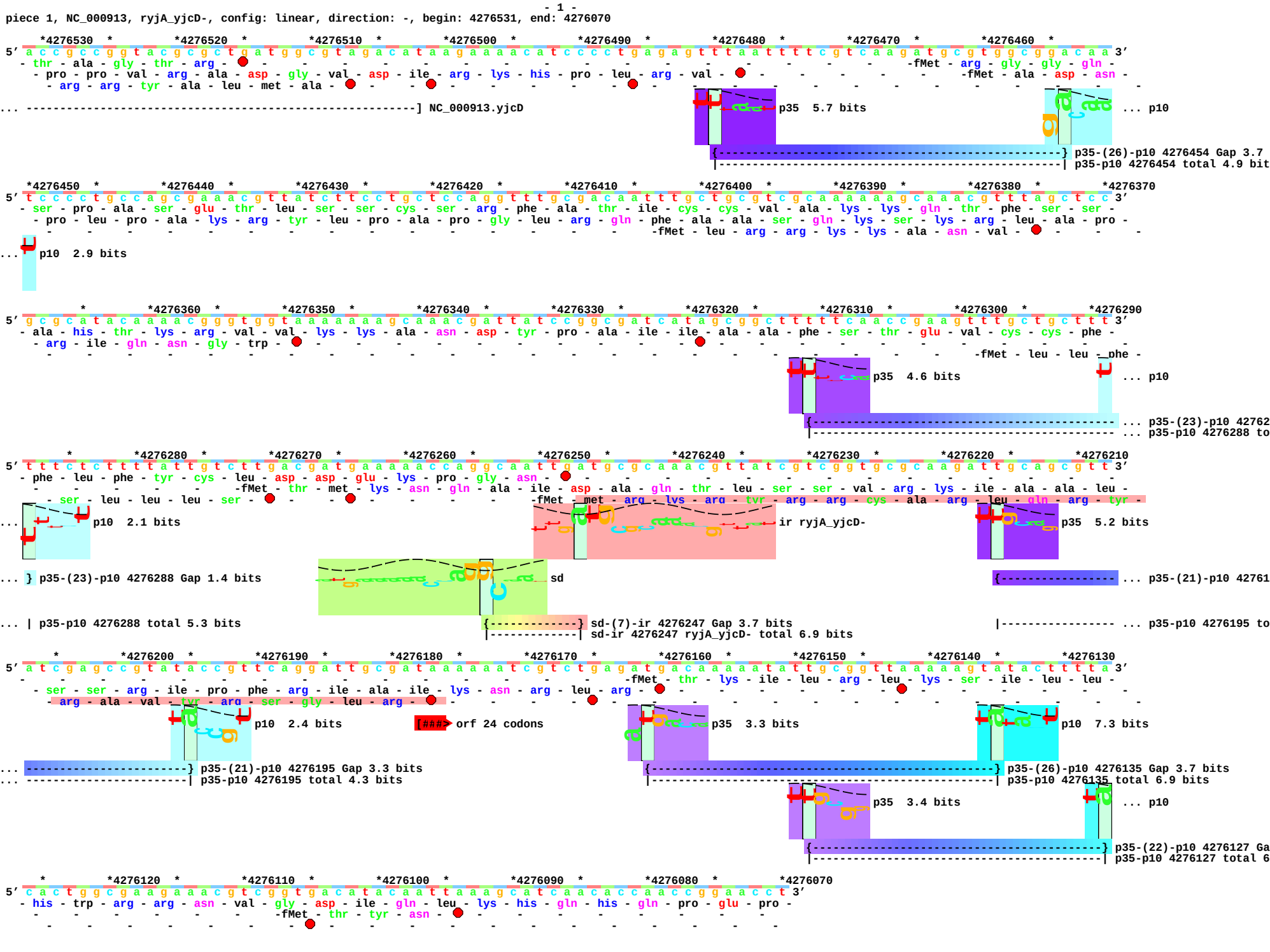
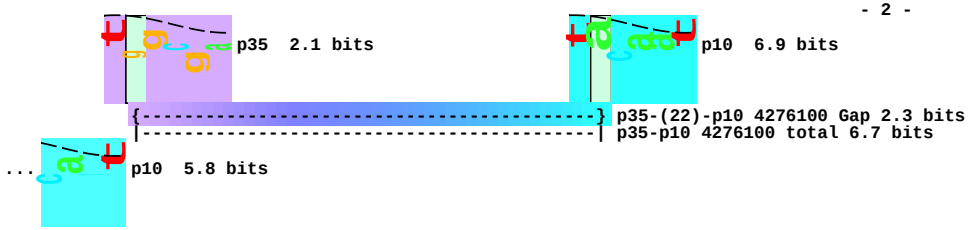

piece 1, NC_000913, ryjA_yjcD-, config: linear, direction: -, begin: 4276531, end: 4276070
*4276530 * *4276520 * *4276510 * *4276500 * *4276490 * *4276480 * *4276470 * *4276460 *
5′ a c c g c c g g t a c g c g c t g a t g g c g t a g a c a t a a g a a a a c a t c c c c t g a g a g t t t a a t t t t c g t c a a g a t g c g t g g c g g a c a a 3′
- thr - ala - gly - thr - arg - fMet - arg - gly - gly - gln -
- pro - pro - val - arg - ala - asp - gly - val - asp - ile - arg - lys - his - pro - leu - arg - val - fMet - ala - asp - asn -
- arg - arg - tyr - ala - leu - met - ala -
... ----------] NC_000913.yjcD
p35 5.7 bits
... p10
{----------} p35-(26)-p10 4276454 Gap 3.7
|----------| p35-p10 4276454 total 4.9 bit
*4276450 * *4276440 * *4276430 * *4276420 * *4276410 * *4276400 * *4276390 * *4276380 * *4276370
5′ t c c c c t g c c a g c g a a a c g t t a t c t t c c t g c t c c a g g t t t g c g a c a a t t t g c t g c g t c g c a a a a a a g c a a a c g t t t a g c t c c 3′
- ser - pro - ala - ser - glu - thr - leu - ser - ser - cys - ser - arg - phe - ala - thr - ile - cys - cys - val - ala - lys - lys - gln - thr - phe - ser - ser -
- pro - leu - pro - ala - lys - arg - tyr - leu - pro - ala - pro - gly - leu - arg - gln - phe - ala - ala - ser - gln - lys - ser - lys - arg - leu - ala - pro -
fMet - leu - arg - arg - lys - lys - ala - asn - val -
...
p10 2.9 bits
*4276360 * *4276350 * *4276340 * *4276330 * *4276320 * *4276310 * *4276300 * *4276290
5′ g c g c a t a c a a a a c g g g t g g t a a a a a a a g c a a a c g a t t a t c c g g c g a t c a t a g c g g c t t t t t c a a c c g a a g t t t g c t g c t t t 3′
- ala - his - thr - lys - arg - val - val - lys - lys - ala - asn - asp - tyr - pro - ala - ile - ile - ala - ala - phe - ser - thr - glu - val - cys - cys - phe -
- arg - ile - gln - asn - gly - trp - fMet - leu - leu - phe -
p35 4.6 bits
... p10
{---------- ... p35-(23)-p10 42762
|---------- ... p35-p10 4276288 to
*4276280 * *4276270 * *4276260 * *4276250 * *4276240 * *4276230 * *4276220 * *4276210
5′ t t t c t c t t t t a t t g t c t t g a c g a t g a a a a a c c a g g c a a t t g a t g c g c a a a c g t t a t c g g t g c g c a a g a t t g c a g c g t t 3′
- phe - leu - phe - tyr - cys - leu - asp - asp - glu - lys - pro - gly - asn - fMet - thr - met - lys - asn - gln - ala - ile - asp - ala - gln - thr - leu - ser - ser - val - arg - lys - ile - ala - ala - leu -
- ser - leu - leu - leu - ser - fMet - met - arg - lys - arg - tyr - arg - arg - cys - ala - arg - leu - gln - arg - tyr -
...
p10 2.1 bits
ir ryjA_yjcD-
p35 5.2 bits
... } p35-(23)-p10 4276288 Gap 1.4 bits
sd
{---------- ... p35-(21)-p10 42761
... | p35-p10 4276288 total 5.3 bits
{----------} sd-(7)-ir 4276247 Gap 3.7 bits
|---------- sd-ir 4276247 ryjA_yjcD- total 6.9 bits
|---------- ... p35-p10 4276195 to
*4276200 * *4276190 * *4276180 * *4276170 * *4276160 * *4276150 * *4276140 * *4276130
5′ a t c g a g c c g t a t a c c g t t c a g g a t t g c g a t a a a a a a t c g t c t g a g a t g a c a a a a a a t a t t g c g g t t a a a a a g t a t a c t t t t a 3′
- ser - ser - arg - ile - pro - phe - arg - ile - ala - ile - lys - asn - arg - leu - arg - fMet - thr - lys - ile - leu - arg - leu - lys - ser - ile - leu - leu -
- arg - ala - val - tyr - arg - ser - gly - leu - arg -
p10 2.4 bits
[###> orf 24 codons
p35 3.3 bits
p10 7.3 bits
... ----------} p35-(21)-p10 4276195 Gap 3.3 bits
... ----------| p35-p10 4276195 total 4.3 bits
{----------} p35-(26)-p10 4276135 Gap 3.7 bits
|---------- p35-p10 4276135 total 6.9 bits
p35 3.4 bits
... p10
{---------- p35-(22)-p10 4276127 Ga
|---------- p35-p10 4276127 total 6
*4276120 * *4276110 * *4276100 * *4276090 * *4276080 * *4276070
5′ c a c t g g c g a a g a a a c g t c g g t g a c a t a c a a t t a a a g c a t c a a c a c c a a c c g g a a c c t 3′
- his - trp - arg - arg - asn - val - gly - asp - ile - gln - leu - lys - his - gln - his - gln - pro - glu - pro -
fMet - thr - tyr - asn -


p35 2.1 bits
p10 6.9 bits
p35-(22)-p10 4276100 Gap 2.3 bits
p35-p10 4276100 total 6.7 bits
...
p10 5.8 bits