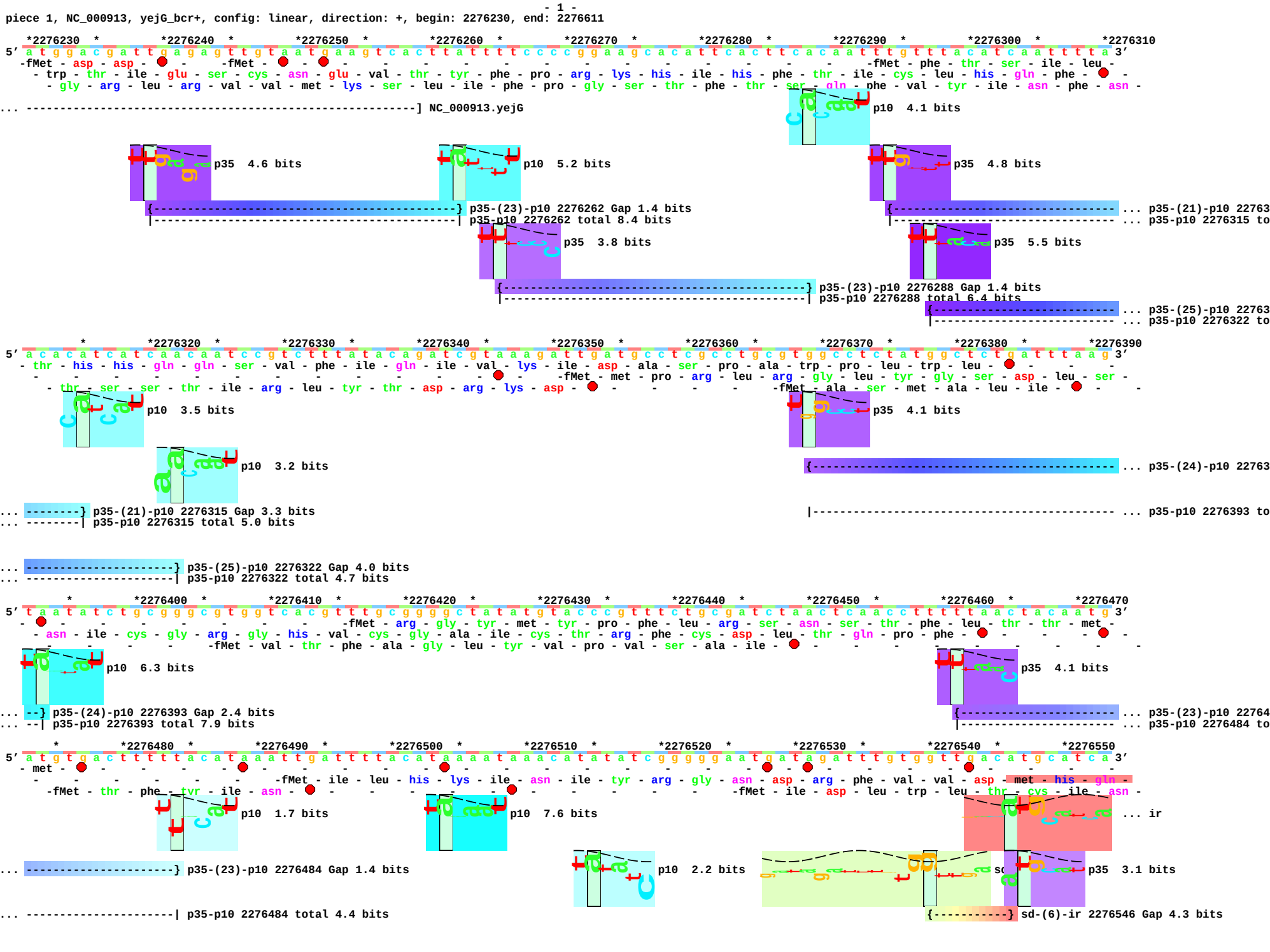
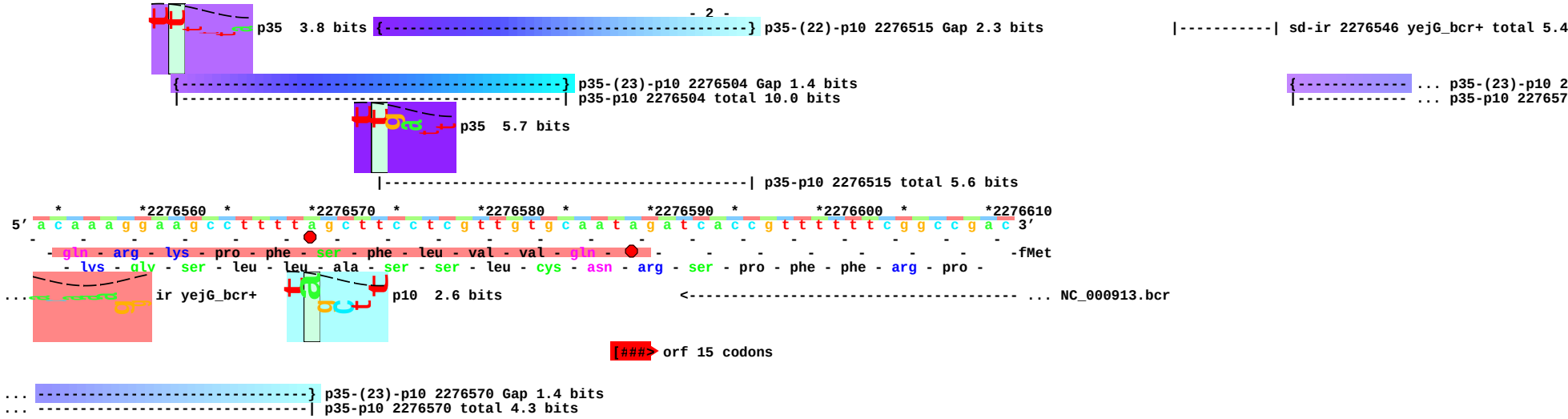

piece 1, NC_000913, yejG_bcr+, config: linear, direction: +, begin: 2276230, end: 2276611
*2276230 *2276240 *2276250 *2276260 *2276270 *2276280 *2276290 *2276300 *2276310
5′ a t g g a c g a t t g a g a g t t g t a a t g a a g t c a c t t a t t t t c c c c g g a a g c a c a t t c a c t t c a c a a t t g t t t a c a t c a a t t t t a 3′
-fMet - asp - asp - fMet - fMet - phe - thr - ser - ile - leu -
- trp - thr - ile - glu - ser - cys - asn - glu - val - thr - tyr - phe - pro - arg - lys - his - ile - his - phe - thr - ile - cys - leu - his - gln - phe -
- gly - arg - leu - arg - val - val - met - lys - ser - leu - ile - phe - pro - gly - ser - thr - phe - thr - ser - gln - phe - val - tyr - ile - asn - phe - asn -
... ----------] NC_000913.yejG
p10 4.1 bits
p35 4.6 bits
p10 5.2 bits
p35 4.8 bits
{----------} p35-(23)-p10 2276262 Gap 1.4 bits
|----------| p35-p10 2276262 total 8.4 bits
{---------- ... p35-(21)-p10 22763
|---------- ... p35-p10 2276315 to
p35 3.8 bits
p35 5.5 bits
{----------} p35-(23)-p10 2276288 Gap 1.4 bits
|----------| p35-p10 2276288 total 6.4 bits
{---------- ... p35-(25)-p10 22763
|---------- ... p35-p10 2276322 to
*2276320 *2276330 *2276340 *2276350 *2276360 *2276370 *2276380 *2276390
5′ a c a c a t c a t c a a c a a t c c g t c t t t a t a c a g a t c g t a a a g a t t g a t g c c t c g c c t g c g t g g c c t c t a t g g c t c t g a t t t a a g 3′
- thr - his - his - gln - gln - ser - val - phe - ile - gln - ile - val - lys - ile - asp - ala - ser - pro - ala - trp - pro - leu - trp - leu -
- thr - ser - ser - thr - ile - arg - leu - tyr - thr - asp - arg - lys - asp - fMet - met - pro - arg - leu - arg - gly - leu - tyr - gly - ser - asp - leu - ser -
fMet - ala - ser - met - ala - leu - ile -
p10 3.5 bits
p35 4.1 bits
p10 3.2 bits
{---------- ... p35-(24)-p10 22763
... --------} p35-(21)-p10 2276315 Gap 3.3 bits
... --------| p35-p10 2276315 total 5.0 bits
|---------- ... p35-p10 2276393 to
... ----------} p35-(25)-p10 2276322 Gap 4.0 bits
... ----------| p35-p10 2276322 total 4.7 bits
*2276400 *2276410 *2276420 *2276430 *2276440 *2276450 *2276460 *2276470
5′ t a a t a t c t g c g g g c g t g g t c a c g t t t g c g g g g c t a t g t a c c c g t t t c t g c g a t c t a a c t c a a c c t t t t a a c t a c a a t g 3′
- fMet - arg - gly - tyr - met - tyr - pro - phe - leu - arg - ser - asn - ser - thr - phe - leu - thr - thr - met -
- asn - ile - cys - gly - arg - gly - his - val - cys - gly - ala - ile - cys - thr - arg - phe - cys - asp - leu - thr - gln - pro - phe -
fMet - val - thr - phe - ala - gly - leu - tyr - val - pro - val - ser - ala - ile -
p10 6.3 bits
p35 4.1 bits
... --} p35-(24)-p10 2276393 Gap 2.4 bits
... --| p35-p10 2276393 total 7.9 bits
{---------- ... p35-(23)-p10 22764
|---------- ... p35-p10 2276484 to
*2276480 *2276490 *2276500 *2276510 *2276520 *2276530 *2276540 *2276550
5′ a t g t g a c t t t t t a c a t a a a t t g a t t t t a c a t a a a a t a a a c a t a t a t c g g g g g g a a t g a t a g a t t t g t g g t t g a c a t g c a t c a 3′
- met -
fMet - ile - leu - his - lys - ile - asn - ile - tyr - arg - gly - asn - asp - arg - phe - val - val - asp - met - his - gln -
-fMet - thr - phe - tyr - ile - asn - fMet - ile - asp - leu - trp - leu - thr - cys - ile - asn -
p10 1.7 bits
p10 7.6 bits
... ir
... ----------} p35-(23)-p10 2276484 Gap 1.4 bits
p10 2.2 bits
p35 3.1 bits
... ----------| p35-p10 2276484 total 4.4 bits
{----------} sd-(6)-ir 2276546 Gap 4.3 bits


- 2 -
p35 3.8 bits
p35-(22)-p10 2276515 Gap 2.3 bits
sd-ir 2276546 yejG_bcr+ total 5.4
p35-(23)-p10 2276504 Gap 1.4 bits
p35-p10 2276504 total 10.0 bits
... p35-(23)-p10 2
... p35-p10 227657
p35 5.7 bits
p35-p10 2276515 total 5.6 bits
*2276560
*2276570
*2276580
*2276590
*2276600
*2276610
5' a c a a a g g a a g c c t t t t a g c t t c c t c g t t g t g c a a t a g a t c a c c g t t t t t c g g c c g a c 3'
- gln - arg - lys - pro - phe - ser - phe - leu - val - val - gln -
-fMet
- lys - gly - ser - leu - leu - ala - ser - ser - leu - cys - asn - arg - ser - pro - phe - phe - arg - pro -
ir yejG_bcr+
p10 2.6 bits
<---------- ... NC_000913.bcr
[###> orf 15 codons
... p35-(23)-p10 2276570 Gap 1.4 bits
... p35-p10 2276570 total 4.3 bits