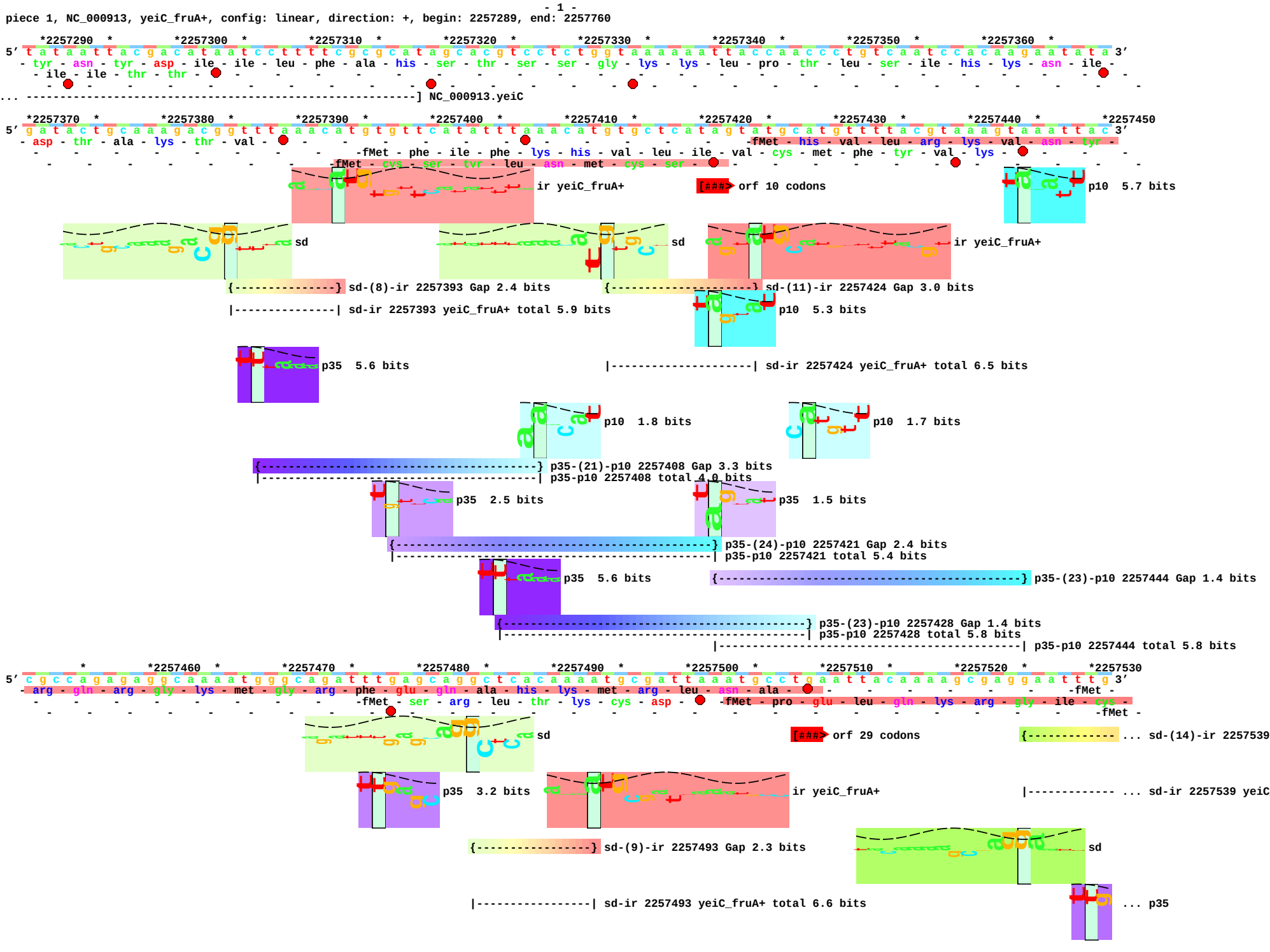
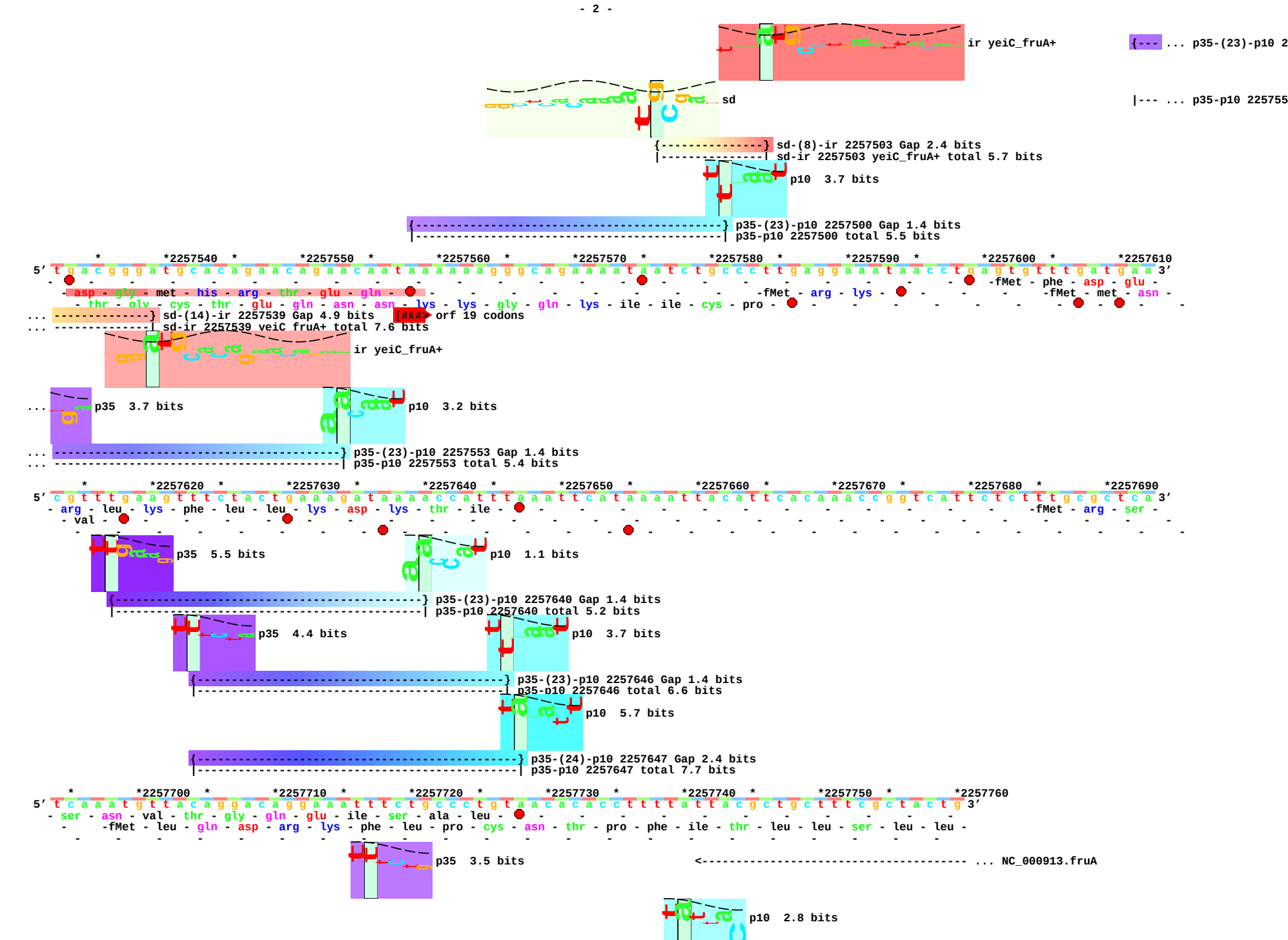

piece 1, NC_000913, yeiC_fruA+, config: linear, direction: +, begin: 2257289, end: 2257760
*2257290 *2257300 *2257310 *2257320 *2257330 *2257340 *2257350 *2257360
5' t a t a a t t a c g a c a t a a t c c t t t t c g c g c a t a g c a c g t c c t c t g g t a a a a a a t t a c c a a c c c t g t c a a t c c a c a a g a a t a t a 3'
- tyr - asn - tyr - asp - ile - ile - leu - phe - ala - his - ser - thr - ser - ser - gly - lys - lys - leu - pro - thr - leu - ser - ile - his - lys - asn - ile -
- ile - ile - thr - thr -
... ----------] NC_000913.yeiC
*2257370 *2257380 *2257390 *2257400 *2257410 *2257420 *2257430 *2257440 *2257450
5' g a t a c t g c a a a g a c g g t t t a a a c a t g t g t t c a t a t t t a a a c a t g t g c t c a t a g t a t g c a t g t t t t a c g t a a a g t a a a t t a c 3'
- asp - thr - ala - lys - thr - val -
-fMet - his - val - leu - arg - lys - val - asn - tyr -
-fMet - phe - ile - phe - lys - his - val - leu - ile - val - cys - met - phe - tyr - val - lys -
-fMet - cys - ser - tyr - leu - asn - met - cys - ser -
ir yeiC_fruA+
[###> orf 10 codons
p10 5.7 bits
sd
sd
ir yeiC_fruA+
{----------} sd-(8)-ir 2257393 Gap 2.4 bits
|----------| sd-ir 2257393 yeiC_fruA+ total 5.9 bits
{----------} sd-(11)-ir 2257424 Gap 3.0 bits
p10 5.3 bits
p35 5.6 bits
|----------| sd-ir 2257424 yeiC_fruA+ total 6.5 bits
p10 1.8 bits
p10 1.7 bits
{----------} p35-(21)-p10 2257408 Gap 3.3 bits
|----------| p35-p10 2257408 total 4.0 bits
p35 2.5 bits
p35 1.5 bits
{----------} p35-(24)-p10 2257421 Gap 2.4 bits
|----------| p35-p10 2257421 total 5.4 bits
p35 5.6 bits
{----------} p35-(23)-p10 2257444 Gap 1.4 bits
{----------} p35-(23)-p10 2257428 Gap 1.4 bits
|----------| p35-p10 2257428 total 5.8 bits
|----------| p35-p10 2257444 total 5.8 bits
*2257460 *2257470 *2257480 *2257490 *2257500 *2257510 *2257520 *2257530
5' c g c c a g a g a g g c a a a a t g g g c a g a t t t g a g c a g g c t c a c a a a a t g c g a t t a a a t g c c t g a a t t a c a a a a g c g a g g a a t t t g 3'
- arg - gln - arg - gly - lys - met - gly - arg - phe - glu - gln - ala - his - lys - met - arg - leu - asn - ala -
-fMet -
-fMet - ser - arg - leu - thr - lys - cys - asp -
-fMet - pro - glu - leu - gln - lys - arg - gly - ile - cys -
-fMet -
sd
[###> orf 29 codons
{---------- ... sd-(14)-ir 2257539
p35 3.2 bits
ir yeiC_fruA+
|---------- ... sd-ir 2257539 yeiC
{----------} sd-(9)-ir 2257493 Gap 2.3 bits
sd
|----------| sd-ir 2257493 yeiC_fruA+ total 6.6 bits
... p35


ir yeiC_fruA+
{--- ... p35-(23)-p10 2
sd
|--- ... p35-p10 225755
{---------------} sd-(8)-ir 2257503 Gap 2.4 bits
|---------------| sd-ir 2257503 yeiC_fruA+ total 5.7 bits
p10 3.7 bits
{---} p35-(23)-p10 2257500 Gap 1.4 bits
|---| p35-p10 2257500 total 5.5 bits
*2257540 *2257550 *2257560 *2257570 *2257580 *2257590 *2257600 *2257610
5′ t g a c g g g a t g c a c a g a a c a g a a c a a t a a a a a a g g g c a g a a a a t a a t c t g c c c t t g a g g a a a t a a c c t g a g t g t t t g a t g a a 3′
- asp - gly - met - his - arg - thr - glu - gln - fMet - phe - asp - glu -
- thr - gly - cys - thr - glu - gln - asn - asn - lys - lys - gly - gln - lys - ile - ile - cys - pro - fMet - arg - lys - fMet - met - asn -
... {--------------} sd-(14)-ir 2257539 Gap 4.9 bits [###> orf 19 codons
... |--------------| sd-ir 2257539 yeiC_fruA+ total 7.6 bits
ir yeiC_fruA+
... p35 3.7 bits
p10 3.2 bits
... {---} p35-(23)-p10 2257553 Gap 1.4 bits
... |---| p35-p10 2257553 total 5.4 bits
*2257620 *2257630 *2257640 *2257650 *2257660 *2257670 *2257680 *2257690
5′ c g t t t g a a g t t t c t a c t g a a a g a t a a a a c c a t t t a a a t t c a t a a a a t t a c a t t c a c a a a c c g g t c a t t c t c t t t g c g c t c a 3′
- arg - leu - lys - phe - leu - leu - lys - asp - lys - thr - ile - fMet - arg - ser -
- val -
p35 5.5 bits
p10 1.1 bits
{---} p35-(23)-p10 2257640 Gap 1.4 bits
|---| p35-p10 2257640 total 5.2 bits
p35 4.4 bits
p10 3.7 bits
{---} p35-(23)-p10 2257646 Gap 1.4 bits
|---| p35-p10 2257646 total 6.6 bits
p10 5.7 bits
{---} p35-(24)-p10 2257647 Gap 2.4 bits
|---| p35-p10 2257647 total 7.7 bits
*2257700 *2257710 *2257720 *2257730 *2257740 *2257750 *2257760
5′ t c a a a t g t t a c a g g a c a g g a a a t t t c t g c c c t g t a a c a c a c c t t t t a t t a c g c t g c t t t c g c t a c t g 3′
- ser - asn - val - thr - gly - gln - glu - ile - ser - ala - leu -
- fMet - leu - gln - asp - arg - lys - phe - leu - pro - cys - asn - thr - pro - phe - ile - thr - leu - leu - ser - leu - leu -
p35 3.5 bits
<---------------------------------- ... NC_000913.fruA
p10 2.8 bits

p35-(23)-p10 2257740 Gap 1.4 bits
p35-p10 2257740 total 4.8 bits