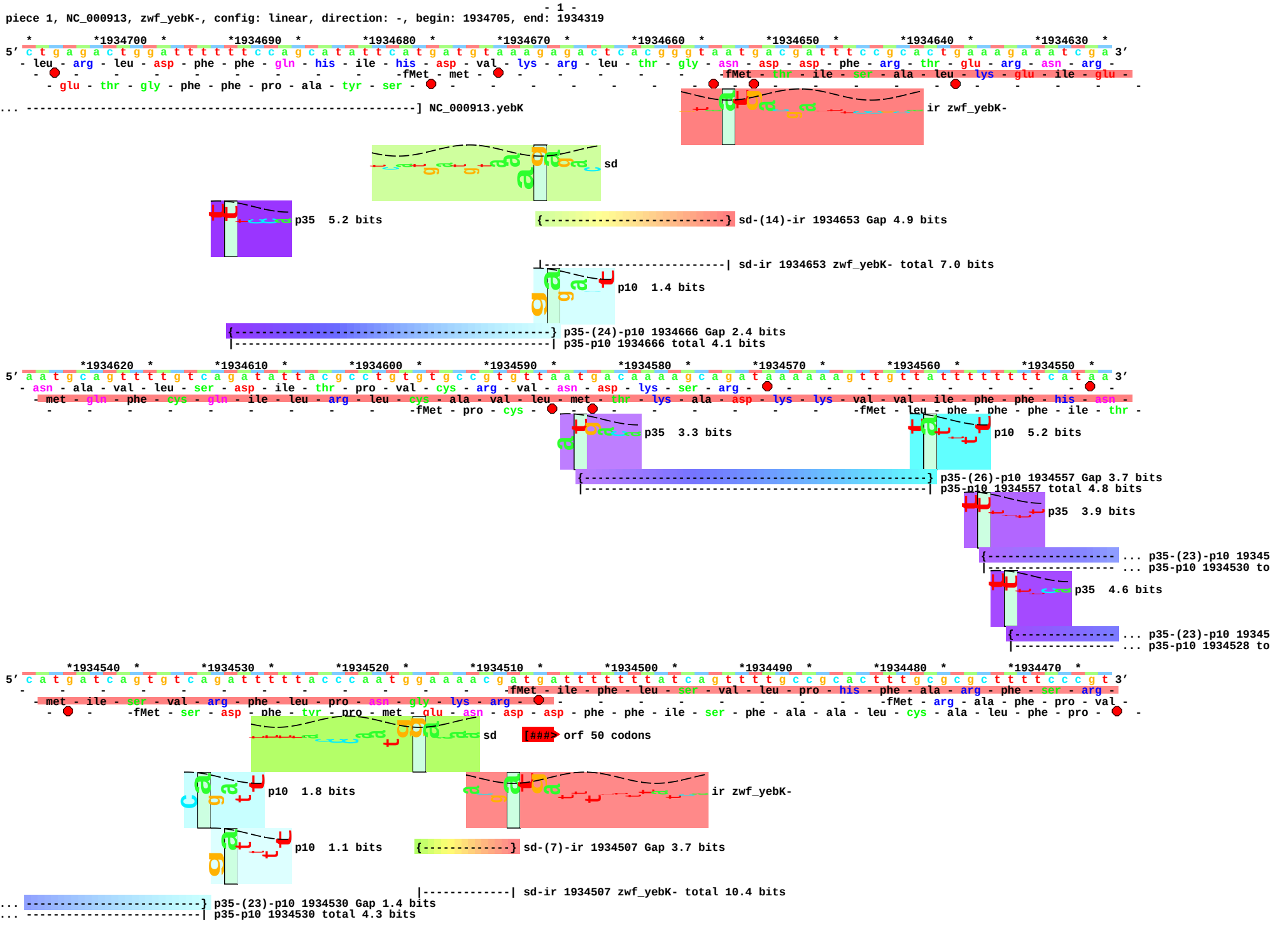
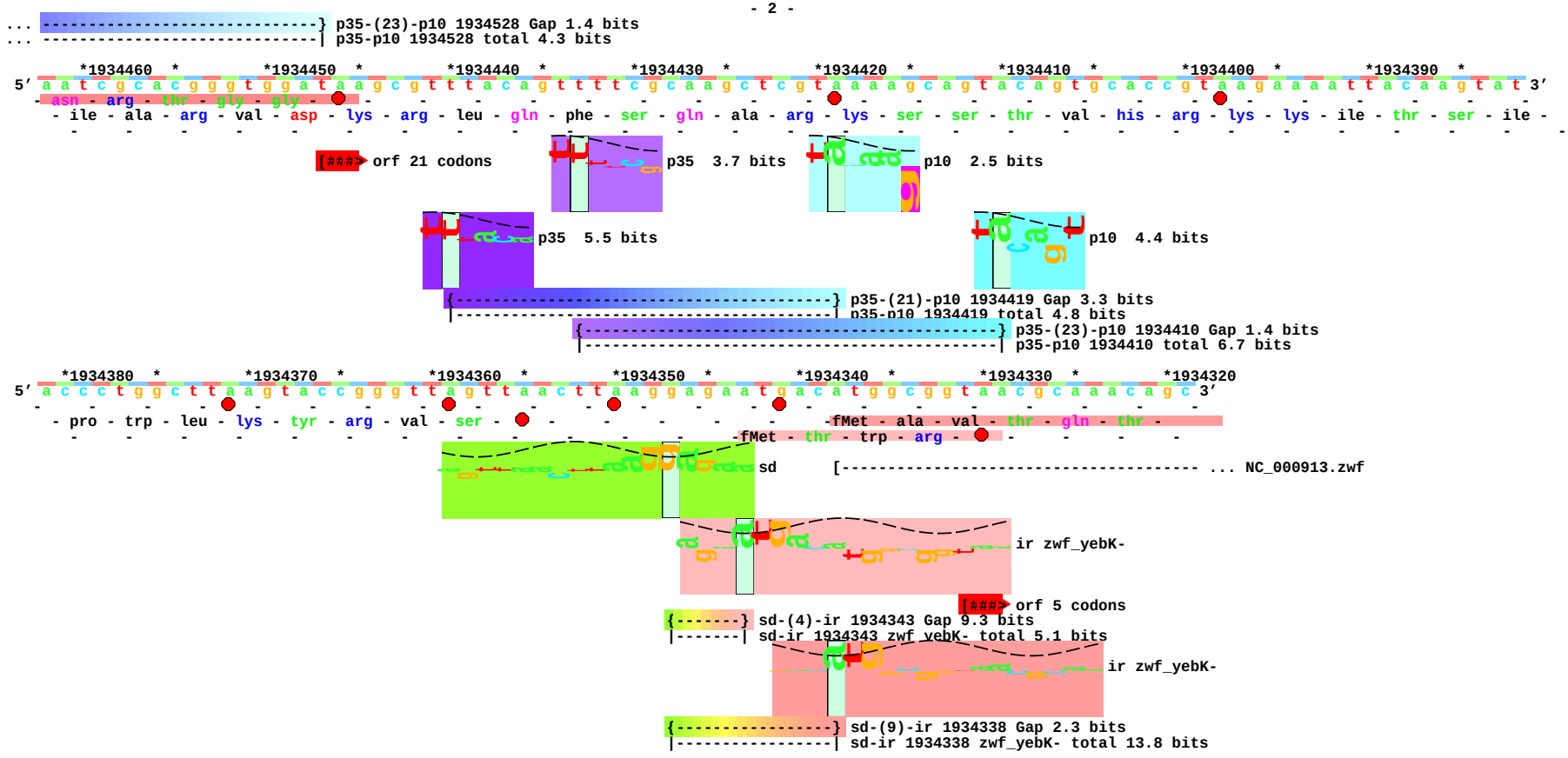

- 1 -
piece 1, NC_000913, zwf_yebK-, config: linear, direction: -, begin: 1934705, end: 1934319
*1934700 *1934690 *1934680 *1934670 *1934660 *1934650 *1934640 *1934630 *
5′ c t g a g a c t g g a t t t t t c c a g c a t a t t c a t g a t g t a a a g a g a c t c a c g g g t a a t g a c g a t t t c c g c a c t g a a a g a a a t c g a 3′
- leu - arg - leu - asp - phe - phe - gln - his - ile - his - asp - val - lys - arg - leu - thr - gly - asn - asp - asp - phe - arg - thr - glu - arg - asn - arg -
-fMet - met - -fMet - thr - ile - ser - ala - leu - lys - glu - ile - glu -
- glu - thr - gly - phe - phe - pro - ala - tyr - ser -
... ----------] NC_000913.yebK
ir zwf_yebK-
sd
p35 5.2 bits
{----------} sd-(14)-ir 1934653 Gap 4.9 bits
|----------| sd-ir 1934653 zwf_yebK- total 7.0 bits
p10 1.4 bits
{----------} p35-(24)-p10 1934666 Gap 2.4 bits
|----------| p35-p10 1934666 total 4.1 bits
*1934620 *1934610 *1934600 *1934590 *1934580 *1934570 *1934560 *1934550 *
5′ a a t g c a g t t t t g t c a g a t a t t a c g c c t g t g t g c c g t g t t a a t g a c a a a a g c a g a t a a a a a a g t t g t t a t t t t t t t c a t a a 3′
- asn - ala - val - leu - ser - asp - ile - thr - pro - val - cys - arg - val - asn - asp - lys - ser - arg -
- met - gln - phe - cys - gln - ile - leu - arg - leu - cys - ala - val - leu - met - thr - lys - ala - asp - lys - lys - val - val - ile - phe - phe - his - asn -
-fMet - pro - cys - -fMet - leu - phe - phe - phe - ile - thr -
p35 3.3 bits
p10 5.2 bits
{----------} p35-(26)-p10 1934557 Gap 3.7 bits
|----------| p35-p10 1934557 total 4.8 bits
p35 3.9 bits
{---------- ... p35-(23)-p10 19345
|---------- ... p35-p10 1934530 to
p35 4.6 bits
{---------- ... p35-(23)-p10 19345
|---------- ... p35-p10 1934528 to
*1934540 *1934530 *1934520 *1934510 *1934500 *1934490 *1934480 *1934470 *
5′ c a t g a t c a g t g t c a g a t t t t t a c c c a a t g g a a a a c g a t g a t t t t t t t a t c a g t t t t g c c g c a c t t t g c g c g c t t t t c c c g t 3′
-fMet - ile - phe - leu - ser - val - leu - pro - his - phe - ala - arg - phe - ser - arg -
- met - ile - ser - val - arg - phe - leu - pro - asn - gly - lys - arg - -fMet - arg - ala - phe - pro - val -
-fMet - ser - asp - phe - tyr - pro - met - glu - asn - asp - asp - phe - phe - ile - ser - phe - ala - ala - leu - cys - ala - leu - phe - pro -
sd [###> orf 50 codons
p10 1.8 bits
ir zwf_yebK-
p10 1.1 bits
{----------} sd-(7)-ir 1934507 Gap 3.7 bits
|----------| sd-ir 1934507 zwf_yebK- total 10.4 bits
... ----------} p35-(23)-p10 1934530 Gap 1.4 bits
... ----------| p35-p10 1934530 total 4.3 bits


... ----------} p35-(23)-p10 1934528 Gap 1.4 bits
... ----------| p35-p10 1934528 total 4.3 bits
*1934460 *1934450 *1934440 *1934430 *1934420 *1934410 *1934400 *1934390 *
5' a a t c g c a c g g g t g g a t a a g c g t t t a c a g t t t t c g c a a g c t c g t a a a a g c a g t a c a g t g c a c c g t a a g a a a a t t a c a a g t a t 3'
- asn - arg - thr - gly - gly -
- ile - ala - arg - val - asp - lys - arg - leu - gln - phe - ser - gln - ala - arg - lys - ser - ser - thr - val - his - arg - lys - lys - ile - thr - ser - ile -
[###> orf 21 codons
p35 3.7 bits
p10 2.5 bits
p35 5.5 bits
p10 4.4 bits
{----------} p35-(21)-p10 1934419 Gap 3.3 bits
|----------| p35-p10 1934419 total 4.8 bits
{----------} p35-(23)-p10 1934410 Gap 1.4 bits
|----------| p35-p10 1934410 total 6.7 bits
*1934380 *1934370 *1934360 *1934350 *1934340 *1934330 *1934320
5' a c c c t g g c t t a a g t a c c g g g t t a g t t a a c t t a a g g a g a a t g a c a t g g c g g t a a c g c a a a c a g c 3'
- pro - trp - leu - lys - tyr - arg - val - ser -
-fMet - ala - val - thr - gln - thr -
-fMet - thr - trp - arg -
sd
[---------- ... NC_000913.zwf
ir zwf_yebK-
[###> orf 5 codons
{-------} sd-(4)-ir 1934343 Gap 9.3 bits
|-------| sd-ir 1934343 zwf_yebK- total 5.1 bits
ir zwf_yebK-
{----------} sd-(9)-ir 1934338 Gap 2.3 bits
|----------| sd-ir 1934338 zwf_yebK- total 13.8 bits