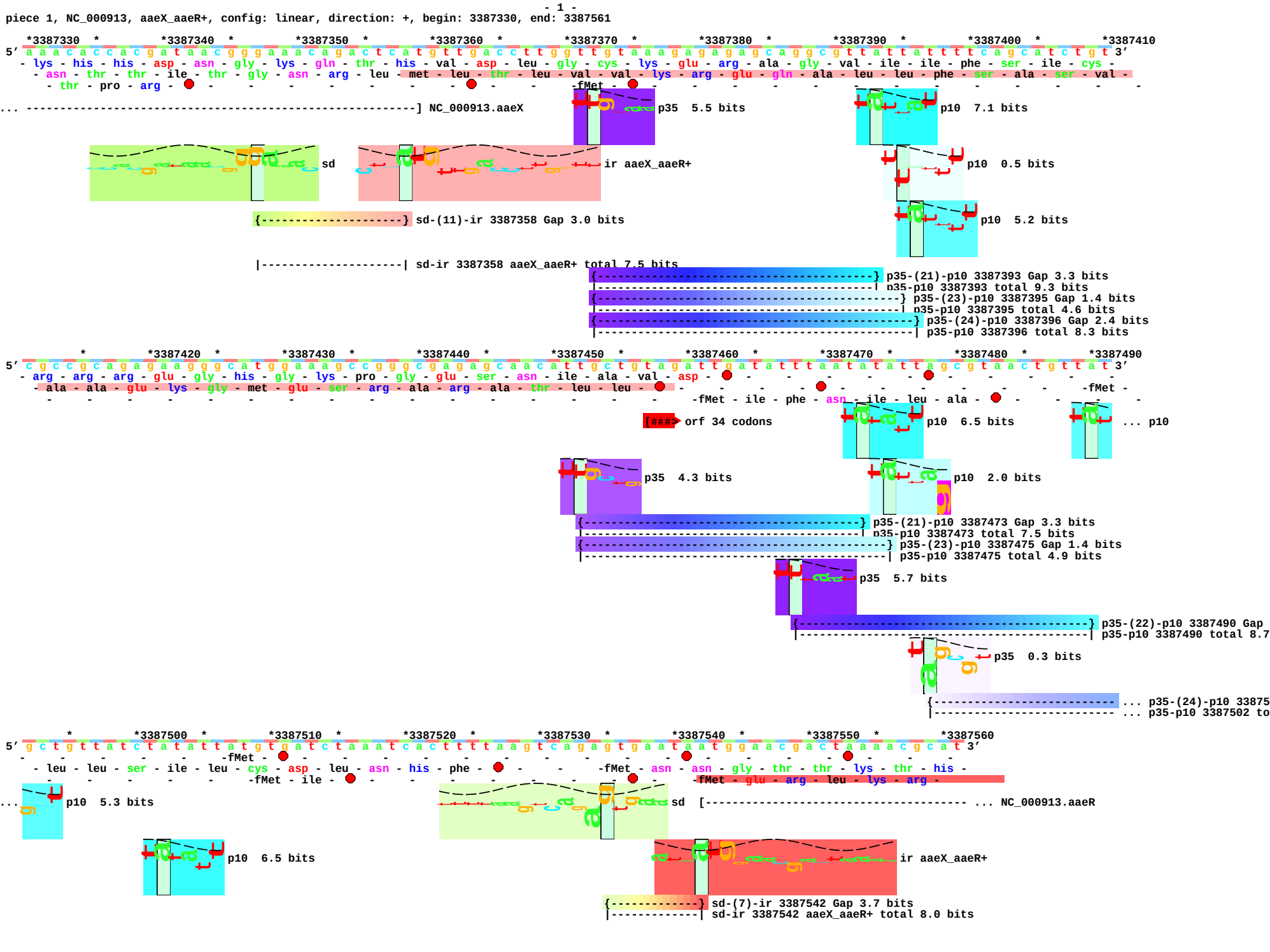
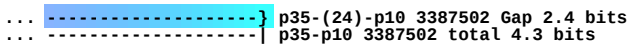

piece 1, NC_000913, aaeX_aaeR+, config: linear, direction: +, begin: 3387330, end: 3387561
*3387330 *3387340 *3387350 *3387360 *3387370 *3387380 *3387390 *3387400 *3387410
5' a a a c a c c a c g a t a a c g g g a a a c a g a c t c a t g t t g a c c t t g g t t g t a a a g a g a g a g c a g g c g t t a t t a t t t t c a g c a t c t g t 3'
- lys - his - his - asp - asn - gly - lys - gln - thr - his - val - asp - leu - gly - cys - lys - glu - arg - ala - gly - val - ile - ile - phe - ser - ile - cys -
- asn - thr - thr - ile - thr - gly - asn - arg - leu - met - leu - thr - leu - val - val - lys - arg - glu - gln - ala - leu - leu - phe - ser - ala - ser - val -
- thr - pro - arg -
...] NC_000913.aaeX
p35 5.5 bits
p10 7.1 bits
sd
ir aaeX_aaeR+
p10 0.5 bits
{ } sd-(11)-ir 3387358 Gap 3.0 bits
p10 5.2 bits
| | sd-ir 3387358 aaeX_aaeR+ total 7.5 bits
{ } p35-(21)-p10 3387393 Gap 3.3 bits
| | p35-p10 3387393 total 9.3 bits
{ } p35-(23)-p10 3387395 Gap 1.4 bits
| | p35-p10 3387395 total 4.6 bits
{ } p35-(24)-p10 3387396 Gap 2.4 bits
| | p35-p10 3387396 total 8.3 bits
*3387420 *3387430 *3387440 *3387450 *3387460 *3387470 *3387480 *3387490
5' c g c c g c a g a g a a g g g c a t g g a a a g c c g g g c g a g a g c a a c a t t g c t g t a g a t t g a t a t t t a a t a t a t t a g c g t a a c t g t t a t 3'
- arg - arg - arg - glu - gly - his - gly - lys - pro - gly - glu - ser - asn - ile - ala - val - asp -
- ala - ala - glu - lys - gly - met - glu - ser - arg - ala - arg - ala - thr - leu - leu -
-fMet - ile - phe - asn - ile - leu - ala -
[###> orf 34 codons
p10 6.5 bits
... p10
p35 4.3 bits
p10 2.0 bits
{ } p35-(21)-p10 3387473 Gap 3.3 bits
| | p35-p10 3387473 total 7.5 bits
{ } p35-(23)-p10 3387475 Gap 1.4 bits
| | p35-p10 3387475 total 4.9 bits
p35 5.7 bits
{ } p35-(22)-p10 3387490 Gap
| | p35-p10 3387490 total 8.7
p35 0.3 bits
{ ... p35-(24)-p10 33875
| ... p35-p10 3387502 to
*3387500 *3387510 *3387520 *3387530 *3387540 *3387550 *3387560
5' g c t g t t a t c t a t a t t a t g t g a t c t a a a t c a c t t t t a a g t c a g a g t g a a t a a t g g a a c g a c t a a a a c g c a t 3'
- leu - leu - ser - ile - leu - cys - asp - leu - asn - his - phe -
-fMet - ile -
-fMet - asn - gly - thr - thr - lys - thr - his -
-fMet - glu - arg - leu - lys - arg -
... p10 5.3 bits
sd [... NC_000913.aaeR
p10 6.5 bits
ir aaeX_aaeR+
{ } sd-(7)-ir 3387542 Gap 3.7 bits
| | sd-ir 3387542 aaeX_aaeR+ total 8.0 bits


... ----------} p35-(24)-p10 3387502 Gap 2.4 bits
... ----------| p35-p10 3387502 total 4.3 bits