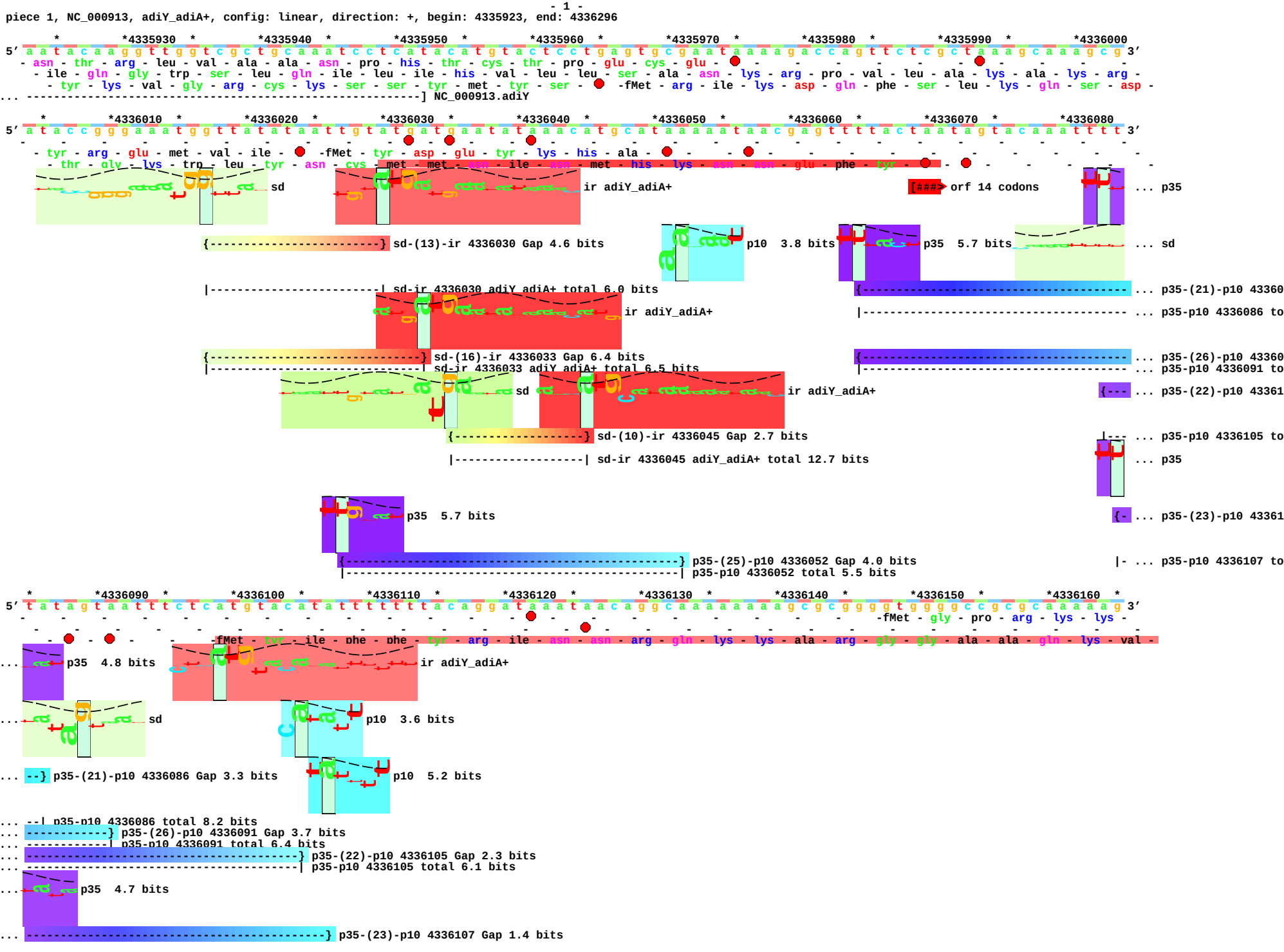
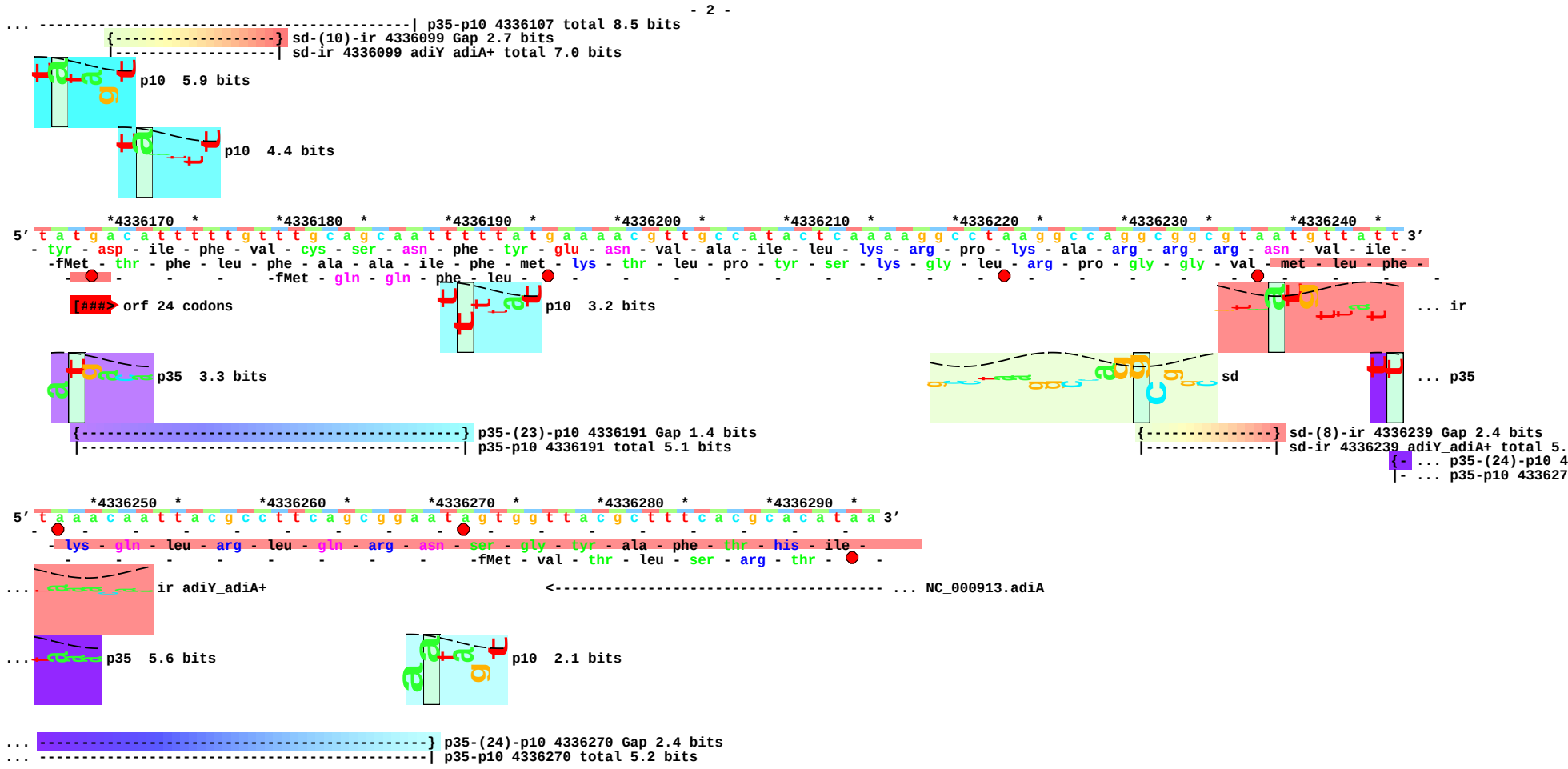

piece 1, NC_000913, adiY_adiA+, config: linear, direction: +, begin: 4335923, end: 4336296
*4335930 *4335940 *4335950 *4335960 *4335970 *4335980 *4335990 *4336000
5′ a a t a c a a g g t t g g t c g c t g c a a a t c c t c a t a c a t g t a c t c c t g a g t g c g a a t a a a a g a c c a g t t c t c g c t a a a g c a a a g c g 3′
- asn - thr - arg - leu - val - ala - ala - asn - pro - his - thr - cys - thr - pro - glu - cys - glu -
- ile - gln - gly - trp - ser - leu - gln - ile - leu - ile - his - val - leu - leu - ser - ala - asn - lys - arg - pro - val - leu - ala - lys - ala - lys - arg -
- tyr - lys - val - gly - arg - cys - lys - ser - ser - tyr - met - tyr - ser - -fMet - arg - ile - lys - asp - gln - phe - ser - leu - lys - gln - ser - asp -
... ----------] NC_000913.adiY
*4336010 *4336020 *4336030 *4336040 *4336050 *4336060 *4336070 *4336080
5′ a t a c c g g g a a a t g g t t a t a a t t g t a t g a t g a a t a t a a a c a t g c a t a a a a a t a a c g a g t t t t a c t a a t a g t a c a a a t t t t 3′
- tyr - arg - glu - met - val - ile - -fMet - tyr - asp - glu - tyr - lys - his - ala -
- thr - gly - lys - trp - leu - tyr - asn - cys - met - met - asn - ile - asn - met - his - lys - asn - asn - glu - phe - tyr -
sd ir adiY_adiA+ [###> orf 14 codons ... p35
{----------} sd-(13)-ir 4336030 Gap 4.6 bits p10 3.8 bits p35 5.7 bits ... sd
|----------| sd-ir 4336030 adiY_adiA+ total 6.0 bits ... p35-(21)-p10 43360
ir adiY_adiA+ |---------- ... p35-p10 4336086 to
{----------} sd-(16)-ir 4336033 Gap 6.4 bits {---------- ... p35-(26)-p10 43360
|----------| sd-ir 4336033 adiY_adiA+ total 6.5 bits |---------- ... p35-p10 4336091 to
sd ir adiY_adiA+ {--- ... p35-(22)-p10 43361
{----------} sd-(10)-ir 4336045 Gap 2.7 bits |--- ... p35-p10 4336105 to
|----------| sd-ir 4336045 adiY_adiA+ total 12.7 bits ... p35
p35 5.7 bits {- ... p35-(23)-p10 43361
{----------} p35-(25)-p10 4336052 Gap 4.0 bits |- ... p35-p10 4336107 to
|----------| p35-p10 4336052 total 5.5 bits
*4336090 *4336100 *4336110 *4336120 *4336130 *4336140 *4336150 *4336160
5′ t a t a g t a a t t t c t c a t g t a c a t a t t t t t t t a c a g g a t a a a t a a c a g g c a a a a a a a a a g c g c g g g g t g g g g c c g c g c a a a a a g 3′
-fMet - gly - pro - arg - lys - lys -
-fMet - tyr - ile - phe - phe - tyr - arg - ile - asn - asn - arg - gln - lys - lys - ala - arg - gly - gly - ala - ala - gln - lys - val -
... p35 4.8 bits ir adiY_adiA+
... sd p10 3.6 bits
... --} p35-(21)-p10 4336086 Gap 3.3 bits p10 5.2 bits
... --| p35-p10 4336086 total 8.2 bits
... ----------} p35-(26)-p10 4336091 Gap 3.7 bits
... ----------| p35-p10 4336091 total 6.4 bits
... ----------} p35-(22)-p10 4336105 Gap 2.3 bits
... ----------| p35-p10 4336105 total 6.1 bits
... p35 4.7 bits
... ----------} p35-(23)-p10 4336107 Gap 1.4 bits


... ----------| p35-p10 4336107 total 8.5 bits
{----------} sd-(10)-ir 4336099 Gap 2.7 bits
|----------| sd-ir 4336099 adiY_adiA+ total 7.0 bits
p10 5.9 bits
p10 4.4 bits
*4336170 *4336180 *4336190 *4336200 *4336210 *4336220 *4336230 *4336240 *
5' t a t g a c a t t t t t g t t t g c a g c a a t t t t t a t g a a a a c g t t g c c a t a c t c a a a a g g c c t a a g g c c a g g c g g c g t a a t g t t a t t t 3'
- tyr - asp - ile - phe - val - cys - ser - asn - phe - tyr - glu - asn - val - ala - ile - leu - lys - arg - pro - lys - ala - arg - arg - arg - asn - val - ile -
-fMet - thr - phe - leu - phe - ala - ala - ile - phe - met - lys - thr - leu - pro - tyr - ser - lys - gly - leu - arg - pro - gly - gly - val - met - leu - phe -
[###> orf 24 codons
p10 3.2 bits
... ir
p35 3.3 bits
sd
... p35
{----------} p35-(23)-p10 4336191 Gap 1.4 bits
|----------| p35-p10 4336191 total 5.1 bits
{----------} sd-(8)-ir 4336239 Gap 2.4 bits
|----------| sd-ir 4336239 adiY_adiA+ total 5.
{- ... p35-(24)-p10 4
|- ... p35-p10 433627
*4336250 *4336260 *4336270 *4336280 *4336290 *
5' t a a a c a a t t a c g c c t t c a g c g g a a t a g t g g t t a c g c t t t c a c g c a c a t a a 3'
- lys - gln - leu - arg - leu - gln - arg - asn - ser - gly - tyr - ala - phe - thr - his - ile -
-fMet - val - thr - leu - ser - arg - thr -
... ir adiY_adiA+
<---------- ... NC_000913.adiA
... p35 5.6 bits
p10 2.1 bits
... ----------} p35-(24)-p10 4336270 Gap 2.4 bits
... ----------| p35-p10 4336270 total 5.2 bits