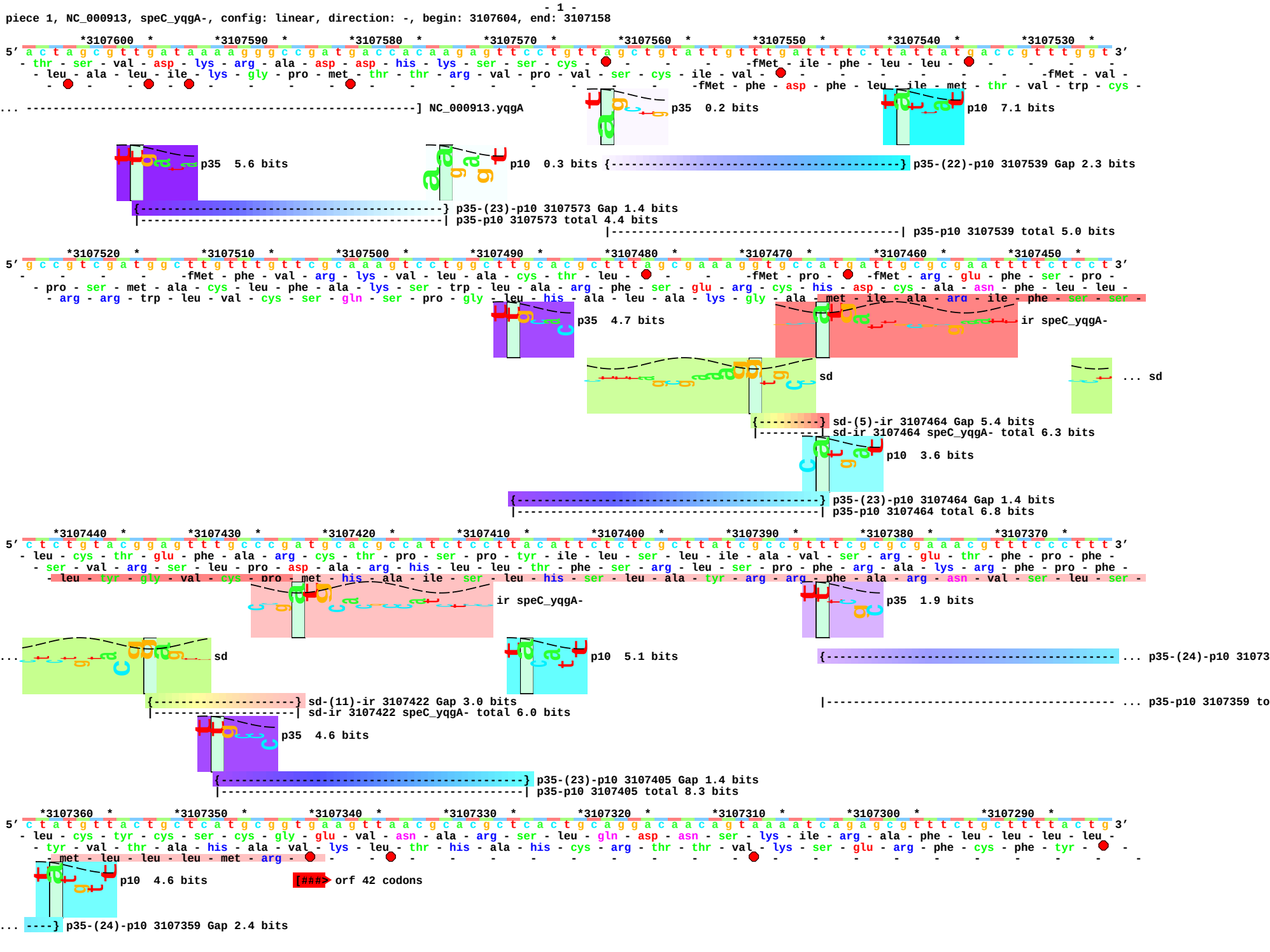
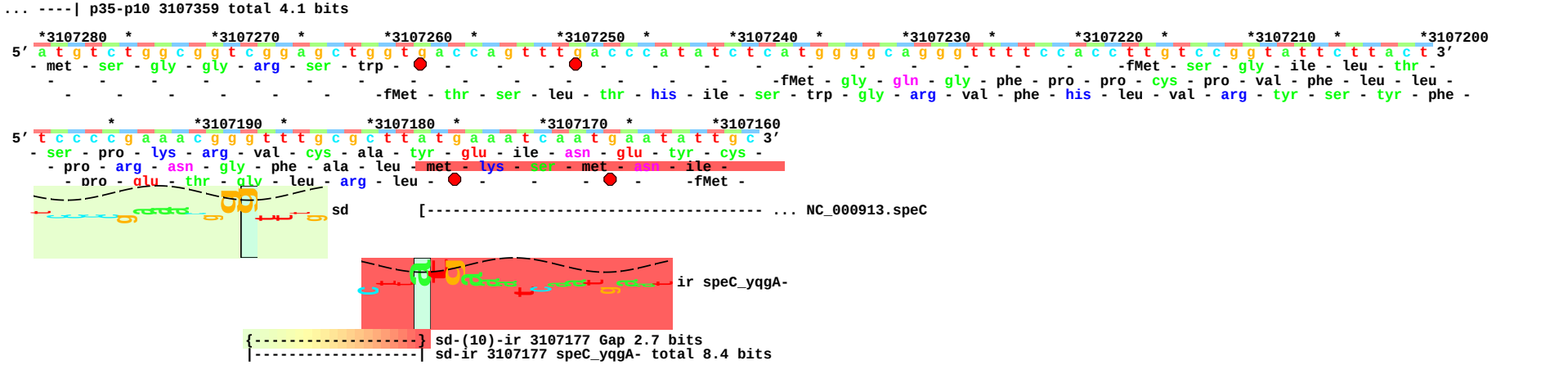

piece 1, NC_000913, speC_yqgA-, config: linear, direction: -, begin: 3107604, end: 3107158
*3107600 *3107590 *3107580 *3107570 *3107560 *3107550 *3107540 *3107530 *
5′ a c t a g c g t t g a t a a a g g g c c g a t g a c c a c a a g a g t t c c t g t t a g c t g t a t t g t t t g a t t t t c t t a t t a t g a c c g t t t g g t 3′
- thr - ser - val - asp - lys - arg - ala - asp - asp - his - lys - ser - ser - cys - fMet - ile - phe - leu - leu -
- leu - ala - leu - ile - lys - gly - pro - met - thr - thr - arg - val - pro - val - ser - cys - ile - val - fMet - val -
fMet - phe - asp - phe - leu - ile - met - thr - val - trp - cys -
...] NC_000913.yqgA
p35 0.2 bits
p10 7.1 bits
p35 5.6 bits
p10 0.3 bits
p35-(22)-p10 3107539 Gap 2.3 bits
p35-(23)-p10 3107573 Gap 1.4 bits
p35-p10 3107573 total 4.4 bits
p35-p10 3107539 total 5.0 bits
*3107520 *3107510 *3107500 *3107490 *3107480 *3107470 *3107460 *3107450 *
5′ g c c g t c g a t g g c t t g t t t g t t c g c a a a g t c c t g g c t t g c a c g c t t t a g c g a a a g g t g c c a t g a t t g c g c g a a t t t t c t c c t 3′
fMet - phe - val - arg - lys - val - leu - ala - cys - thr - leu - fMet - pro - fMet - arg - glu - phe - ser - pro -
- pro - ser - met - ala - cys - leu - phe - ala - lys - ser - trp - leu - ala - arg - phe - ser - glu - arg - cys - his - asp - cys - ala - asn - phe - leu - leu -
- arg - arg - trp - leu - val - cys - ser - gln - ser - pro - gly - leu - his - ala - leu - ala - lys - gly - ala - met - ile - ala - arg - ile - phe - ser - ser -
p35 4.7 bits
ir speC_yqgA-
sd
... sd
sd-(5)-ir 3107464 Gap 5.4 bits
sd-ir 3107464 speC_yqgA- total 6.3 bits
p10 3.6 bits
p35-(23)-p10 3107464 Gap 1.4 bits
p35-p10 3107464 total 6.8 bits
*3107440 *3107430 *3107420 *3107410 *3107400 *3107390 *3107380 *3107370 *
5′ c t c t g t a c g g a g t t t g c c c g a t g c a c g c c a t c t c c t t a c a t t c t c t c g c t t a t c g c c g t t t c g c g c g a a a c g t t t c c c t t t 3′
- leu - cys - thr - glu - phe - ala - arg - cys - thr - pro - ser - pro - tyr - ile - leu - ser - leu - ile - ala - val - ser - arg - glu - thr - phe - pro - phe -
- ser - val - arg - ser - leu - pro - asp - ala - arg - his - leu - leu - thr - phe - ser - arg - leu - ser - pro - phe - arg - ala - lys - arg - phe - pro - phe -
- leu - tyr - gly - val - cys - pro - met - his - ala - ile - ser - leu - his - ser - leu - ala - tyr - arg - arg - phe - ala - arg - asn - val - ser - leu - ser -
ir speC_yqgA-
p35 1.9 bits
... sd
p10 5.1 bits
... p35-(24)-p10 31073
sd-(11)-ir 3107422 Gap 3.0 bits
sd-ir 3107422 speC_yqgA- total 6.0 bits
... p35-p10 3107359 to
p35 4.6 bits
p35-(23)-p10 3107405 Gap 1.4 bits
p35-p10 3107405 total 8.3 bits
*3107360 *3107350 *3107340 *3107330 *3107320 *3107310 *3107300 *3107290 *
5′ c t a t g t t a c t g c t c a t g c g g t g a a g t t a a c g c a c g c t c a c t g c a g g a c a a c a g t a a a a t c a g a g c g t t t c t g c t t t t a c t g 3′
- leu - cys - tyr - cys - ser - cys - gly - glu - val - asn - ala - arg - ser - leu - gln - asp - asn - ser - lys - ile - arg - ala - phe - leu - leu - leu - leu -
- tyr - val - thr - ala - his - ala - val - lys - leu - thr - his - ala - his - cys - arg - thr - thr - val - lys - ser - glu - arg - phe - cys - phe - tyr -
- met - leu - leu - leu - met - arg -
p10 4.6 bits
[###> orf 42 codons
... p35-(24)-p10 3107359 Gap 2.4 bits


... ----| p35-p10 3107359 total 4.1 bits
*3107280 *3107270 *3107260 *3107250 *3107240 *3107230 *3107220 *3107210 *3107200
5' a t g t c t g g c g g t c g g a g c t g g t g a c c a g t t t g a c c c a t a t c t c a t g g g g c a g g g t t t t c c a c c t t g t c c g g t a t t c t t a c t 3'
- met - ser - gly - gly - arg - ser - trp - -fMet - ser - gly - ile - leu - thr -
-fMet - gly - gln - gly - phe - pro - pro - cys - pro - val - phe - leu - leu -
-fMet - thr - ser - leu - thr - his - ile - ser - trp - gly - arg - val - phe - his - leu - val - arg - tyr - ser - tyr - phe -
*3107190 *3107180 *3107170 *3107160
5' t c c c c g a a a c g g g t t t g c g c t t a t g a a a t c a a t g a a t a t t g c 3'
- ser - pro - lys - arg - val - cys - ala - tyr - glu - ile - asn - glu - tyr - cys -
- pro - arg - asn - gly - phe - ala - leu - met - lys - ser - met - asn - ile -
- pro - glu - thr - gly - leu - arg - leu - -fMet -
sd [---------- ... NC_000913.speC
ir speC_yqgA-
{----------} sd-(10)-ir 3107177 Gap 2.7 bits
|----------| sd-ir 3107177 speC_yqgA- total 8.4 bits