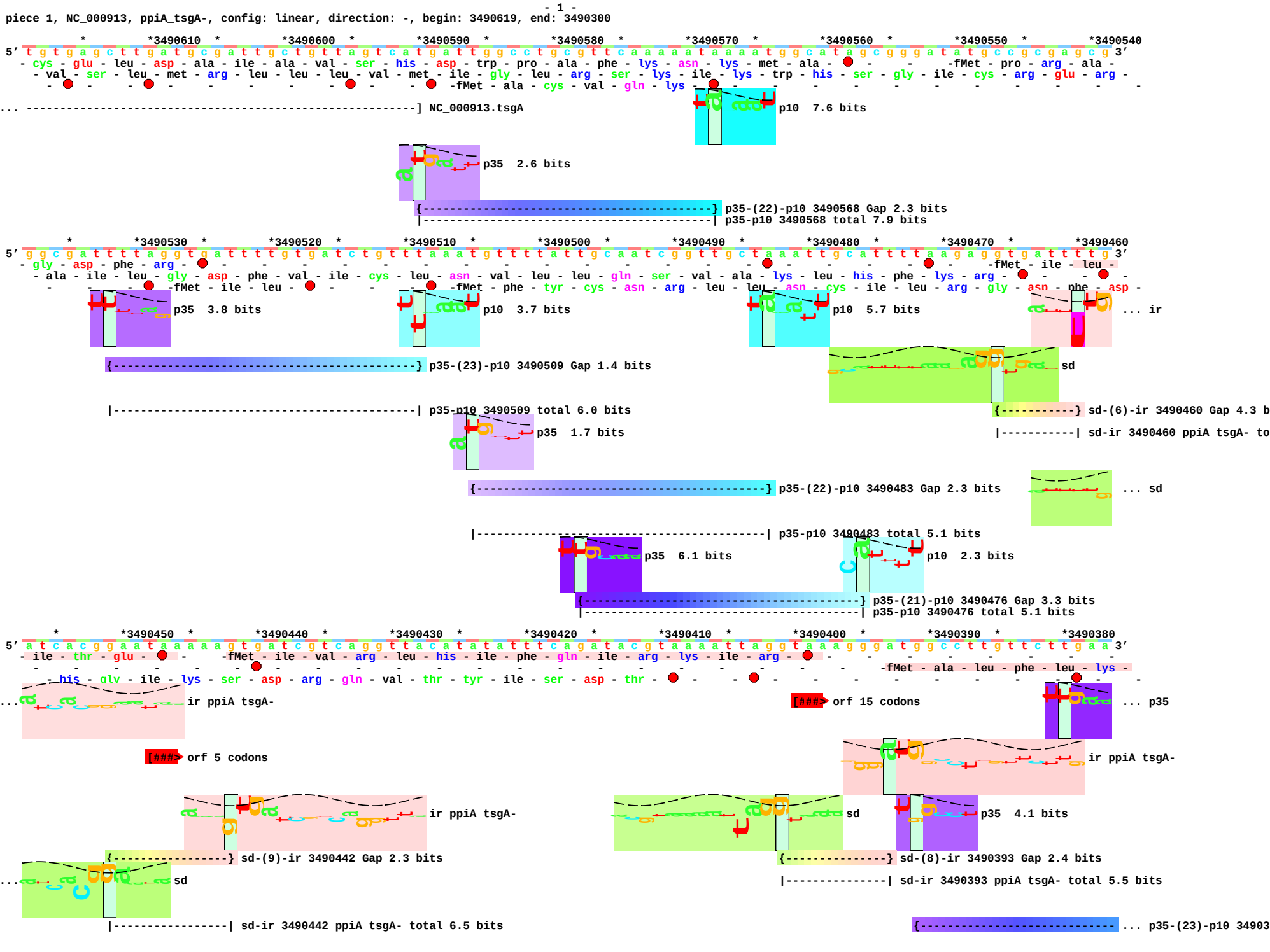
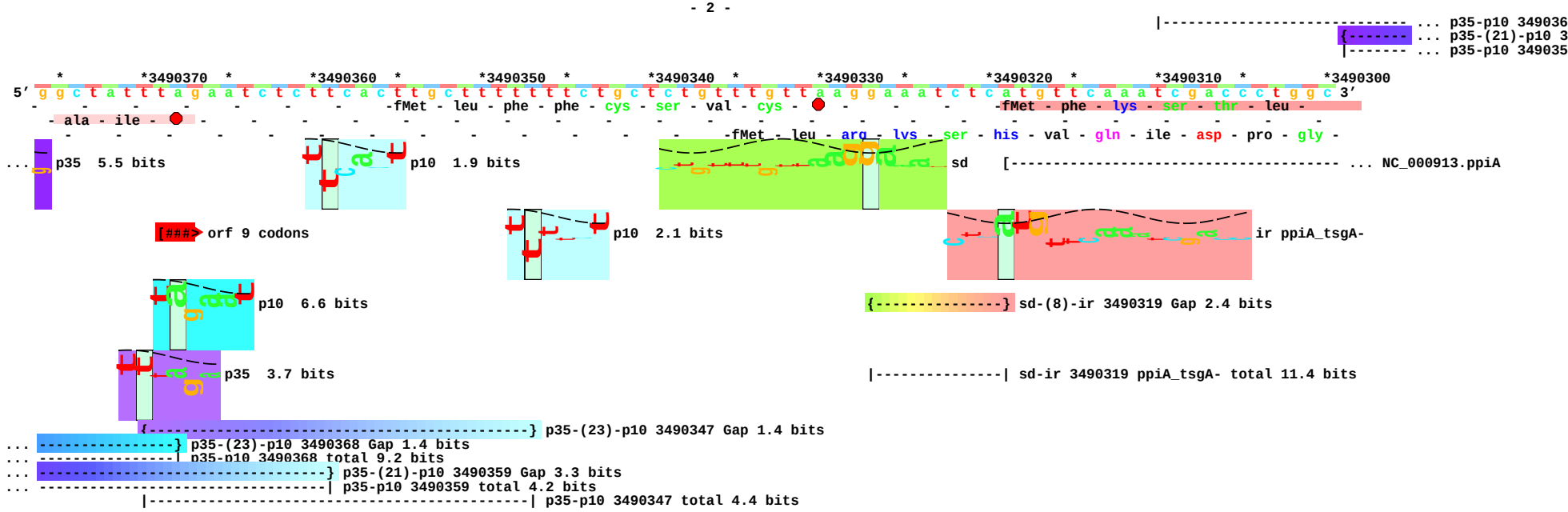

piece 1, NC_000913, ppiA_tsgA-, config: linear, direction: -, begin: 3490619, end: 3490300
*3490610 *3490600 *3490590 *3490580 *3490570 *3490560 *3490550 *3490540
5′ t g t g a g c t t g a t g c g a t t g c t g t t a g t c a t g a t t g g c c t g c g t t c a a a a a t a a a a t g g c a t a g c g g g a t a t g c c g c g a g c g 3′
- cys - glu - leu - asp - ala - ile - ala - val - ser - his - asp - trp - pro - ala - phe - lys - asn - lys - met - ala - - - -fMet - pro - arg - ala -
- val - ser - leu - met - arg - leu - leu - leu - val - met - ile - gly - leu - arg - ser - lys - ile - lys - trp - his - ser - gly - ile - cys - arg - glu - arg -
- - - - - - - - - - - - - - - - -fMet - ala - cys - val - gln - lys - - - - - - - - - - - - - - -
... ----------] NC_000913.tsgA
p10 7.6 bits
p35 2.6 bits
{----------} p35-(22)-p10 3490568 Gap 2.3 bits
|----------| p35-p10 3490568 total 7.9 bits
*3490530 *3490520 *3490510 *3490500 *3490490 *3490480 *3490470 *3490460
5′ g g c g a t t t t a g g t g a t t t t g t g a t c t g t t t a a a t g t t t a t t g c a a t c g g t t g c t a a a t t g c a t t t t a a g a g g t g a t t t t g 3′
- gly - asp - phe - arg -fMet - ile - leu -
- ala - ile - leu - gly - asp - phe - val - ile - cys - leu - asn - val - leu - leu - gln - ser - val - ala - lys - leu - his - phe - lys - arg - - - - -
- - - - -fMet - ile - leu - - - - -fMet - phe - tyr - cys - asn - arg - leu - leu - asn - cys - ile - leu - arg - gly - asp - phe - asp -
p35 3.8 bits
p10 3.7 bits
p10 5.7 bits
... ir
{----------} p35-(23)-p10 3490509 Gap 1.4 bits
sd
|----------| p35-p10 3490509 total 6.0 bits
{----------} sd-(6)-ir 3490460 Gap 4.3 b
p35 1.7 bits
|----------| sd-ir 3490460 ppiA_tsgA- to
{----------} p35-(22)-p10 3490483 Gap 2.3 bits
... sd
|----------| p35-p10 3490483 total 5.1 bits
p35 6.1 bits
p10 2.3 bits
{----------} p35-(21)-p10 3490476 Gap 3.3 bits
|----------| p35-p10 3490476 total 5.1 bits
*3490450 *3490440 *3490430 *3490420 *3490410 *3490400 *3490390 *3490380
5′ a t c a c g g a a t a a a a g t g a t c g t c a g g t t a c a t a t a t t t c a g a t a c g t a a a a t t a g g t a a a g g g a t g c c t t g t t c t t g a a 3′
- ile - thr - glu - - -fMet - ile - val - arg - leu - his - ile - phe - gln - ile - arg - lys - ile - arg - - - - - - - - - - - - - - -
- -fMet - ala - leu - phe - leu - lys -
- his - glv - ile - lys - ser - asp - arg - gln - val - thr - tyr - ile - ser - asp - thr -
... ir ppiA_tsgA-
[###> orf 15 codons
... p35
[###> orf 5 codons
ir ppiA_tsgA-
ir ppiA_tsgA-
sd
p35 4.1 bits
{----------} sd-(9)-ir 3490442 Gap 2.3 bits
{----------} sd-(8)-ir 3490393 Gap 2.4 bits
... sd
|----------| sd-ir 3490393 ppiA_tsgA- total 5.5 bits
|----------| sd-ir 3490442 ppiA_tsgA- total 6.5 bits
{---------- ... p35-(23)-p10 34903


|---------- ... p35-p10 349036
{------- ... p35-(21)-p10 3
|------- ... p35-p10 349035
* *3490370 * *3490360 * *3490350 * *3490340 * *3490330 * *3490320 * *3490310 * *3490300
5′ g g c t a t t t a g a a t c t c t t c a c t t g c t t t t t t t c t g c t c t g t t t g t t a a g g a a a t c t c a t g t t c a a a t c g a c c c t g g c 3′
- - - - - - - - -fMet - leu - phe - phe - cys - ser - val - cys - - - - - -fMet - phe - lys - ser - thr - leu -
- ala - ile - - - - - - -