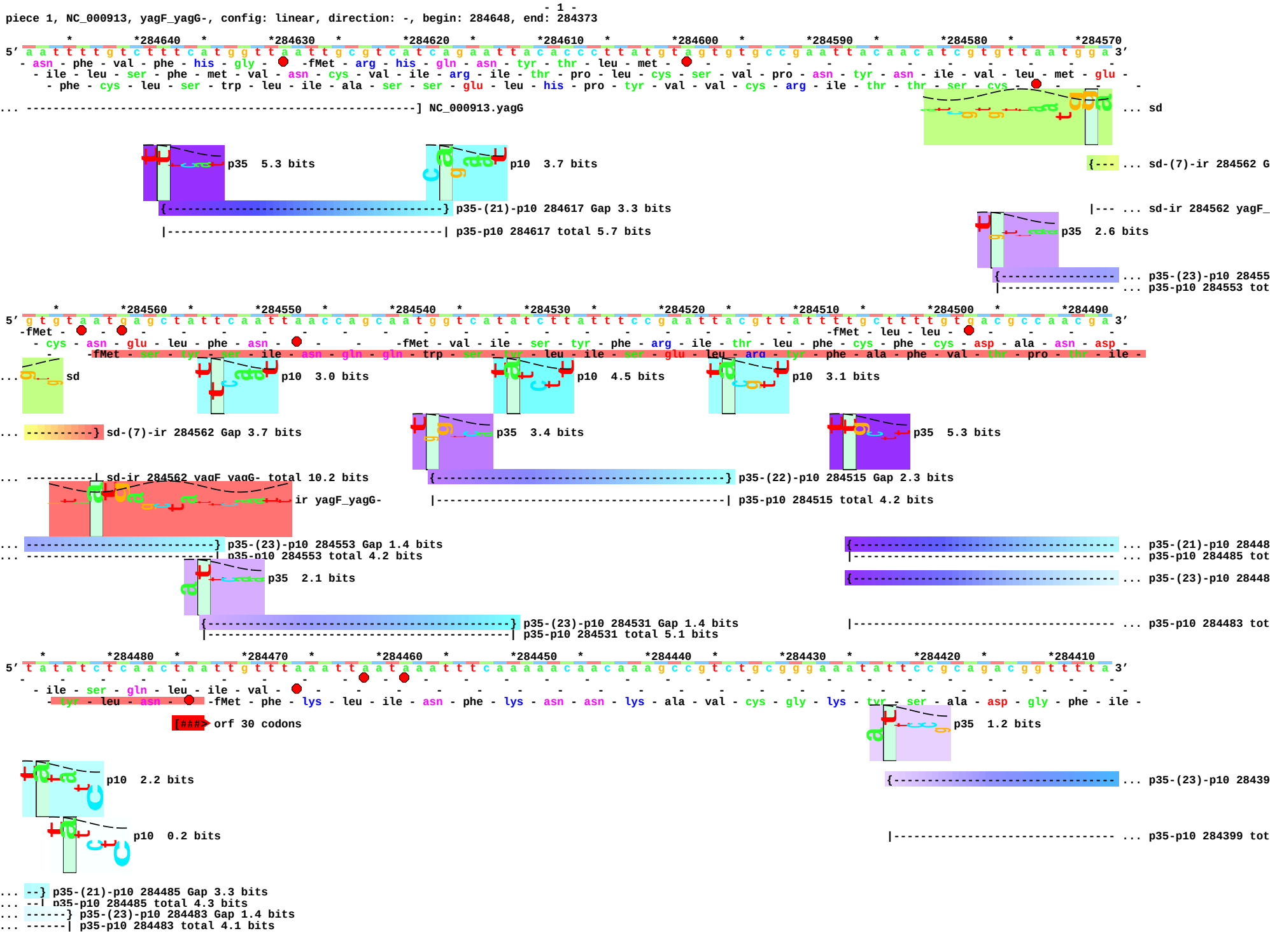
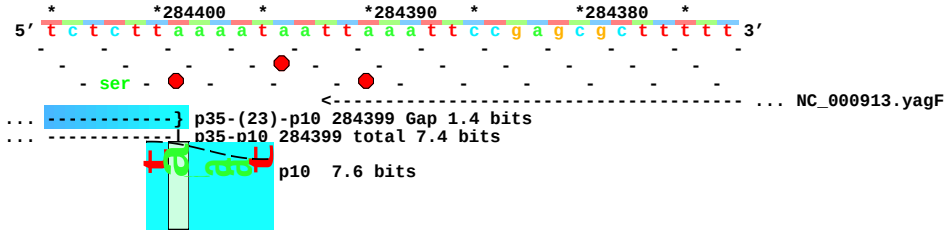

piece 1, NC_000913, yagF_yagG-, config: linear, direction: -, begin: 284648, end: 284373
*284640 *284630 *284620 *284610 *284600 *284590 *284580 *284570
5′ a a t t t g t c t t t c a t g g t t a a t t g c g t c a t c a g a a t t a c a c c c t t a t g t a g t g t g c c g a a t t a c a a c a t c g t g t t a a t g g a 3′
- asn - phe - val - phe - his - gly - -fMet - arg - his - gln - asn - tyr - thr - leu - met -
- ile - leu - ser - phe - met - val - asn - cys - val - ile - arg - ile - thr - pro - leu - cys - ser - val - pro - asn - tyr - asn - ile - val - leu - met - glu -
- phe - cys - leu - ser - trp - leu - ile - ala - ser - ser - glu - leu - his - pro - tyr - val - val - cys - arg - ile - thr - thr - ser - cys -
... ----------] NC_000913.yagG
... sd
p35 5.3 bits
p10 3.7 bits
{--- ... sd-(7)-ir 284562 G
{----------} p35-(21)-p10 284617 Gap 3.3 bits
|--- ... sd-ir 284562 yagF_
|----------| p35-p10 284617 total 5.7 bits
p35 2.6 bits
{---------- ... p35-(23)-p10 28455
|---------- ... p35-p10 284553 tot
*284560 *284550 *284540 *284530 *284520 *284510 *284500 *284490
5′ g t g t a a t g a g c t a t t c a a t t a a c c a g c a a t g g t c a t a t c t t a t t t c c g a a t t a c g t t a t t t t g c t t t t g t g a c g c c a a c g a 3′
-fMet - -fMet - leu - leu -
- cys - asn - glu - leu - phe - asn - -fMet - val - ile - ser - tyr - phe - arg - ile - thr - leu - phe - cys - phe - cys - asp - ala - asn - asp -
-fMet - ser - tyr - ser - ile - asn - gln - gln - trp - ser - tyr - leu - ile - ser - glu - leu - arg - tyr - phe - ala - phe - val - thr - pro - thr - ile -
... sd
p10 3.0 bits
p10 4.5 bits
p10 3.1 bits
... ----------} sd-(7)-ir 284562 Gap 3.7 bits
p35 3.4 bits
p35 5.3 bits
... ----------| sd-ir 284562 yagF_yagG- total 10.2 bits
{----------} p35-(22)-p10 284515 Gap 2.3 bits
ir yagF_yagG-
|----------| p35-p10 284515 total 4.2 bits
... ----------} p35-(23)-p10 284553 Gap 1.4 bits
... ----------| p35-p10 284553 total 4.2 bits
{---------- ... p35-(21)-p10 28448
|---------- ... p35-p10 284485 tot
p35 2.1 bits
{---------- ... p35-(23)-p10 28448
{----------} p35-(23)-p10 284531 Gap 1.4 bits
|----------| p35-p10 284531 total 5.1 bits
|---------- ... p35-p10 284483 tot
*284480 *284470 *284460 *284450 *284440 *284430 *284420 *284410
5′ t a t a t c t c a a c t a a t t g t t t a a a t t a a t a a a t t t c a a a a a a c a a c a a a g c c g t c t g c g g g a a a t a t t c c g c a g a c g g t t t t a 3′
- ile - ser - gln - leu - ile - val -
- tyr - leu - asn - -fMet - phe - lys - leu - ile - asn - phe - lys - asn - asn - lys - ala - val - cys - gly - lys - tyr - ser - ala - asp - gly - phe - ile -
[###> orf 30 codons
p35 1.2 bits
p10 2.2 bits
{---------- ... p35-(23)-p10 28439
p10 0.2 bits
|---------- ... p35-p10 284399 tot
... --} p35-(21)-p10 284485 Gap 3.3 bits
... --| p35-p10 284485 total 4.3 bits
... ------} p35-(23)-p10 284483 Gap 1.4 bits
... ------| p35-p10 284483 total 4.1 bits


*284400
*284390
*284380
5′ t c t c t t a a a t a a t t a a a t t c c g a g c g c t t t t t 3′
ser
<---------- ... NC_000913.yagF
... ----------} p35-(23)-p10 284399 Gap 1.4 bits
... ----------| p35-p10 284399 total 7.4 bits
p10 7.6 bits