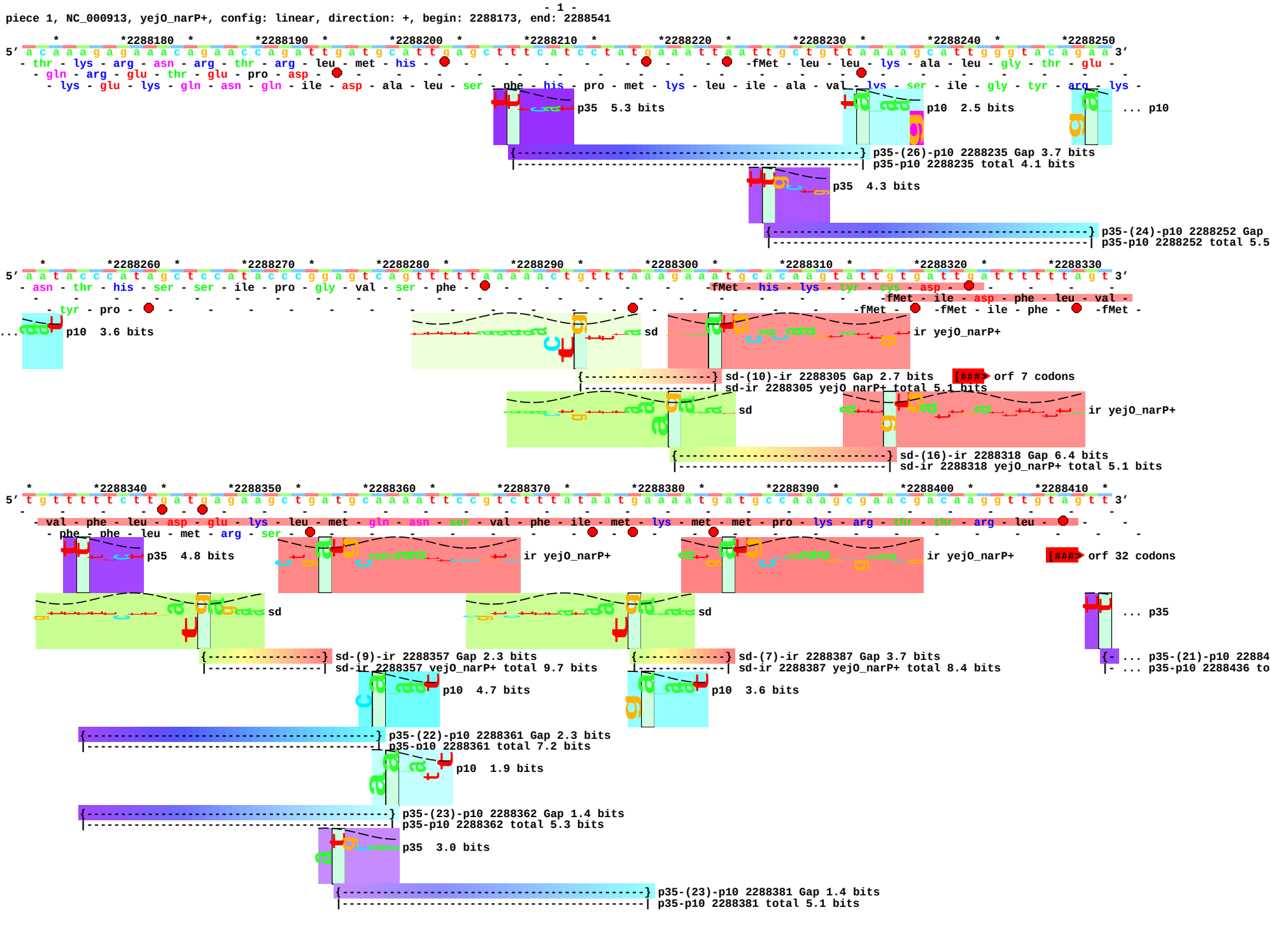
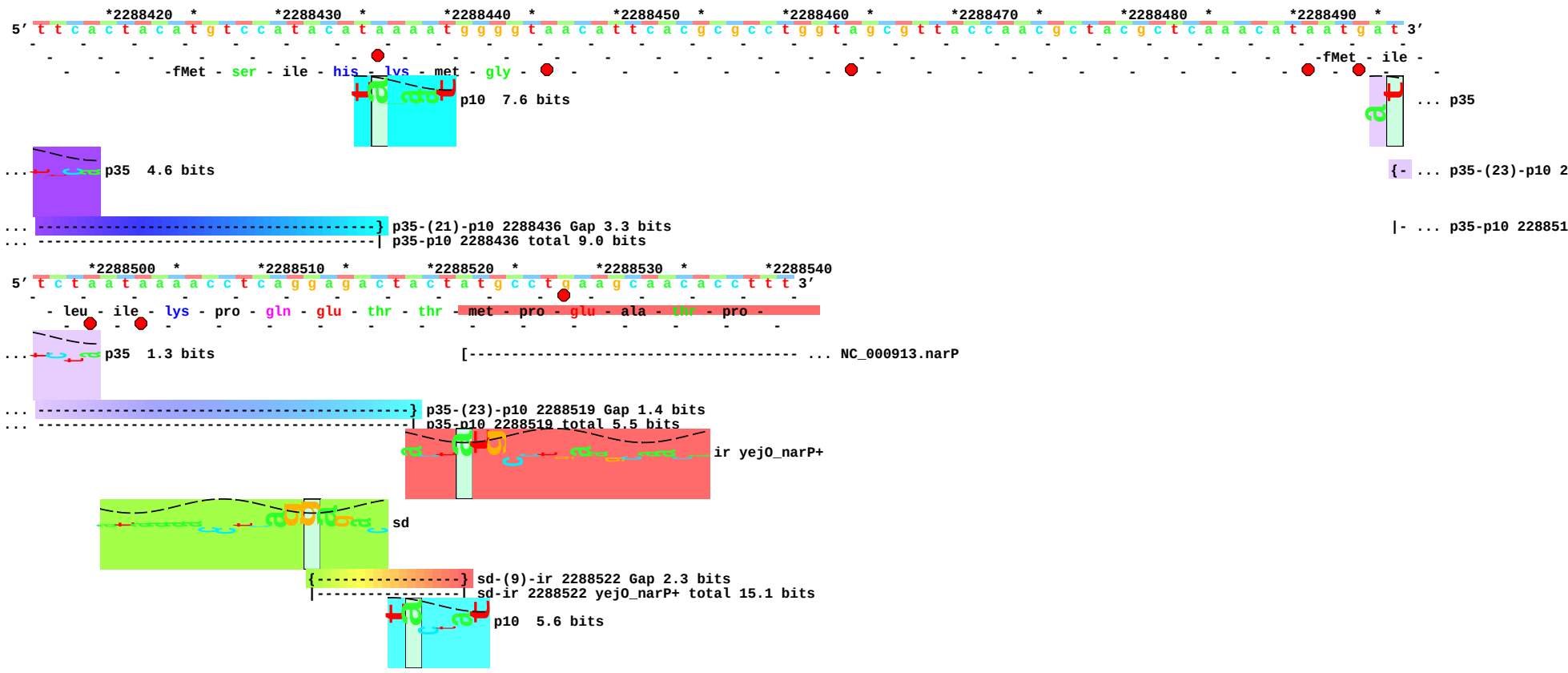

piece 1, NC_000913, yejO_narP+, config: linear, direction: +, begin: 2288173, end: 2288541
*2288180 *2288190 *2288200 *2288210 *2288220 *2288230 *2288240 *2288250
5′ a c a a a g a g a a a c a g a a c c a g a t t g a t g c a t t g a g c t t t c a t c c t a t g a a a t t a a t t g c t g t t a a a a g c a t t g g g t a c a g a a a 3′
- thr - lys - arg - asn - arg - thr - arg - leu - met - his - -fMet - leu - leu - lys - ala - leu - gly - thr - glu -
- gln - arg - glu - thr - glu - pro - asp -
- lys - glu - lys - gln - asn - gln - ile - asp - ala - leu - ser - phe - his - pro - met - lys - leu - ile - ala - val - lys - ser - ile - gly - tyr - arg - lys -
p35 5.3 bits
p10 2.5 bits
... p10
{---} p35-(26)-p10 2288235 Gap 3.7 bits
|---| p35-p10 2288235 total 4.1 bits
p35 4.3 bits
{---} p35-(24)-p10 2288252 Gap
|---| p35-p10 2288252 total 5.5
*2288260 *2288270 *2288280 *2288290 *2288300 *2288310 *2288320 *2288330
5′ a a t a c c c a t a g c t c c a t a c c c g g a g t c a g t t t t t a a a a a c t g t t t a a a g a a a t g c a c a a g t a t t g t g a t t g a t t t t t t a g t 3′
- asn - thr - his - ser - ser - ile - pro - gly - val - ser - phe - -fMet - his - lys - tyr - cys - asp -
-fMet - ile - asp - phe - leu - val -
- tyr - pro - -fMet - -fMet - -fMet - ile - phe - -fMet -
...
p10 3.6 bits
sd
ir yejO_narP+
{-----------------} sd-(10)-ir 2288305 Gap 2.7 bits
|-----------------| sd-ir 2288305 yejO_narP+ total 5.1 bits
[###> orf 7 codons
sd
ir yejO_narP+
{-----------------------------} sd-(16)-ir 2288318 Gap 6.4 bits
|-----------------------------| sd-ir 2288318 yejO_narP+ total 5.1 bits
*2288340 *2288350 *2288360 *2288370 *2288380 *2288390 *2288400 *2288410
5′ t g t t t t t c t t g a t g a g a a g c t g a t g c a a a a t t c c g t c t t t a t a a t g a a a a t g a t g c c a a a g c g a a c g a c a a g g t t g t a g t t 3′
- val - phe - leu - asp - glu - lys - leu - met - gln - asn - ser - val - phe - ile - met - lys - met - met - pro - lys - arg - thr - thr - arg - leu -
- phe - phe - leu - met - arg - ser -
p35 4.8 bits
ir yejO_narP+
ir yejO_narP+
[###> orf 32 codons
sd
sd
... p35
{-----------------} sd-(9)-ir 2288357 Gap 2.3 bits
|-----------------| sd-ir 2288357 yejO_narP+ total 9.7 bits
{-------------} sd-(7)-ir 2288387 Gap 3.7 bits
|-------------| sd-ir 2288387 yejO_narP+ total 8.4 bits
{- ... p35-(21)-p10 22884
|- ... p35-p10 2288436 to
p10 4.7 bits
p10 3.6 bits
{---} p35-(22)-p10 2288361 Gap 2.3 bits
|---| p35-p10 2288361 total 7.2 bits
p10 1.9 bits
{---} p35-(23)-p10 2288362 Gap 1.4 bits
|---| p35-p10 2288362 total 5.3 bits
p35 3.0 bits
{---} p35-(23)-p10 2288381 Gap 1.4 bits
|---| p35-p10 2288381 total 5.1 bits


*2288420 *2288430 *2288440 *2288450 *2288460 *2288470 *2288480 *2288490 *
5′ t t c a c t a c a t g t c c a t a c a t a a a a t g g g g t a a c a t t c a c g c g c c t g g t a g c g t t a c c a a c g c t a c g c t c a a a c a t a a t g a t 3′
-fMet - ile -
-fMet - ser - ile - his - lys - met - gly -
p10 7.6 bits
... p35
... p35 4.6 bits
{- ... p35-(23)-p10 2
} p35-(21)-p10 2288436 Gap 3.3 bits
|- ... p35-p10 228851
| p35-p10 2288436 total 9.0 bits
*2288500 *2288510 *2288520 *2288530 *2288540
5′ t c t a a t a a a a c c t c a g g a g a c t a c t a t g c c t g a a g c a a c a c c t t t 3′
- leu - ile - lys - pro - gln - glu - thr - thr - met - pro - glu - ala - thr - pro -
... p35 1.3 bits
[------------------------------------ ... NC_000913.narP
} p35-(23)-p10 2288519 Gap 1.4 bits
| p35-p10 2288519 total 5.5 bits
ir yejO_narP+
sd
{----------} sd-(9)-ir 2288522 Gap 2.3 bits
|----------| sd-ir 2288522 yejO_narP+ total 15.1 bits
p10 5.6 bits