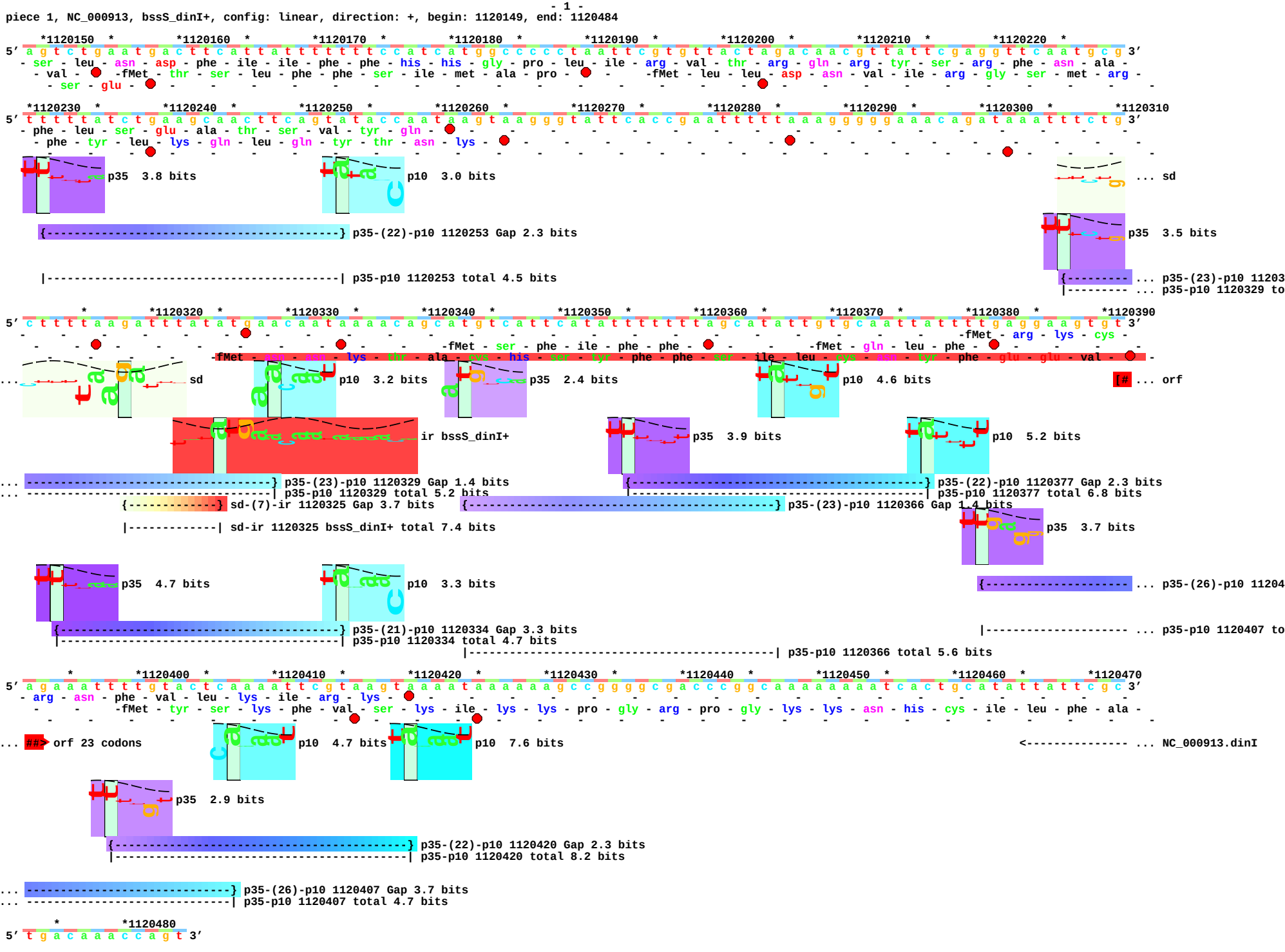
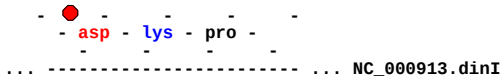

piece 1, NC_000913, bssS_dinI+, config: linear, direction: +, begin: 1120149, end: 1120484
*1120150 *1120160 *1120170 *1120180 *1120190 *1120200 *1120210 *1120220 *
5′ a g t c t g a a t g a c t t c a t t a t t t t t t c c a t c a t g g c c c c t a a t t c g t g t t a c t a g a c a a c g t t a t t c g a g g t t c a a t g c g 3′
- ser - leu - asn - asp - phe - ile - ile - phe - phe - his - his - gly - pro - leu - ile - arg - val - thr - arg - gln - arg - tyr - ser - arg - phe - asn - ala -
- val - -fMet - thr - ser - leu - phe - phe - ser - ile - met - ala - pro - -fMet - leu - leu - asp - asn - val - ile - arg - gly - ser - met - arg -
- ser - glu -
*1120230 *1120240 *1120250 *1120260 *1120270 *1120280 *1120290 *1120300 *1120310
5′ t t t t t a t c t g a a g c a a c t t c a g t a t a c c a a t a a g t a a g g g t a t t c a c c g a a t t t t t a a a g g g g a a a c a g a t a a a t t t c t g 3′
- phe - leu - ser - glu - ala - thr - ser - val - tyr - gln -
- phe - tyr - leu - lys - gln - leu - gln - tyr - thr - asn - lys -
p35 3.8 bits
p10 3.0 bits
... sd
{----------} p35-(22)-p10 1120253 Gap 2.3 bits
p35 3.5 bits
|----------| p35-p10 1120253 total 4.5 bits
{---------- ... p35-(23)-p10 11203
|--------- ... p35-p10 1120329 to
* *1120320 *1120330 *1120340 *1120350 *1120360 *1120370 *1120380 *1120390
5′ c t t t t a a g a t t t a t a t g a a c a a t a a a a c a g c a t g t c a t t c a t a t t t t t t a g c a t a t t g t g c a a t t a t t t t g a g g a a g t g t 3′
-fMet - arg - lys - cys -
-fMet - ser - phe - ile - phe - phe - -fMet - gln - leu - phe -
fMet - asn - asn - lys - thr - ala - cys - his - ser - tyr - phe - phe - ser - ile - leu - cys - asn - tyr - phe - glu - glu - val -
... sd
p10 3.2 bits
p35 2.4 bits
p10 4.6 bits
[# ... orf
ir bssS_dinI+
p35 3.9 bits
p10 5.2 bits
... {----------} p35-(23)-p10 1120329 Gap 1.4 bits
... |----------| p35-p10 1120329 total 5.2 bits
{----------} p35-(22)-p10 1120377 Gap 2.3 bits
|----------| p35-p10 1120377 total 6.8 bits
{----------} sd-(7)-ir 1120325 Gap 3.7 bits
{----------} p35-(23)-p10 1120366 Gap 1.4 bits
|----------| sd-ir 1120325 bssS_dinI+ total 7.4 bits
p35 3.7 bits
p35 4.7 bits
p10 3.3 bits
{---------- ... p35-(26)-p10 11204
{----------} p35-(21)-p10 1120334 Gap 3.3 bits
|---------- ... p35-p10 1120407 to
|----------| p35-p10 1120334 total 4.7 bits
|----------| p35-p10 1120366 total 5.6 bits
* *1120400 *1120410 *1120420 *1120430 *1120440 *1120450 *1120460 *1120470
5′ a g a a a t t t t g t a c t c a a a a t t c g t a a g t a a a a t a a a a a a g c c g g g g c g a c c c g g c a a a a a a a a t c a c t g c a t a t t a t t c g c 3′
- arg - asn - phe - val - leu - lys - ile - arg - lys -
-fMet - tyr - ser - lys - phe - val - ser - lys - ile - lys - lys - pro - gly - arg - pro - gly - lys - lys - asn - his - cys - ile - leu - phe - ala -
... ##> orf 23 codons
p10 4.7 bits
p10 7.6 bits
<---------- ... NC_000913.dinI
p35 2.9 bits
{----------} p35-(22)-p10 1120420 Gap 2.3 bits
|----------| p35-p10 1120420 total 8.2 bits
... {----------} p35-(26)-p10 1120407 Gap 3.7 bits
... |----------| p35-p10 1120407 total 4.7 bits
* *1120480
5′ t g a c a a a c c a g t 3′


asp
lys
pro
NC_000913.dinI