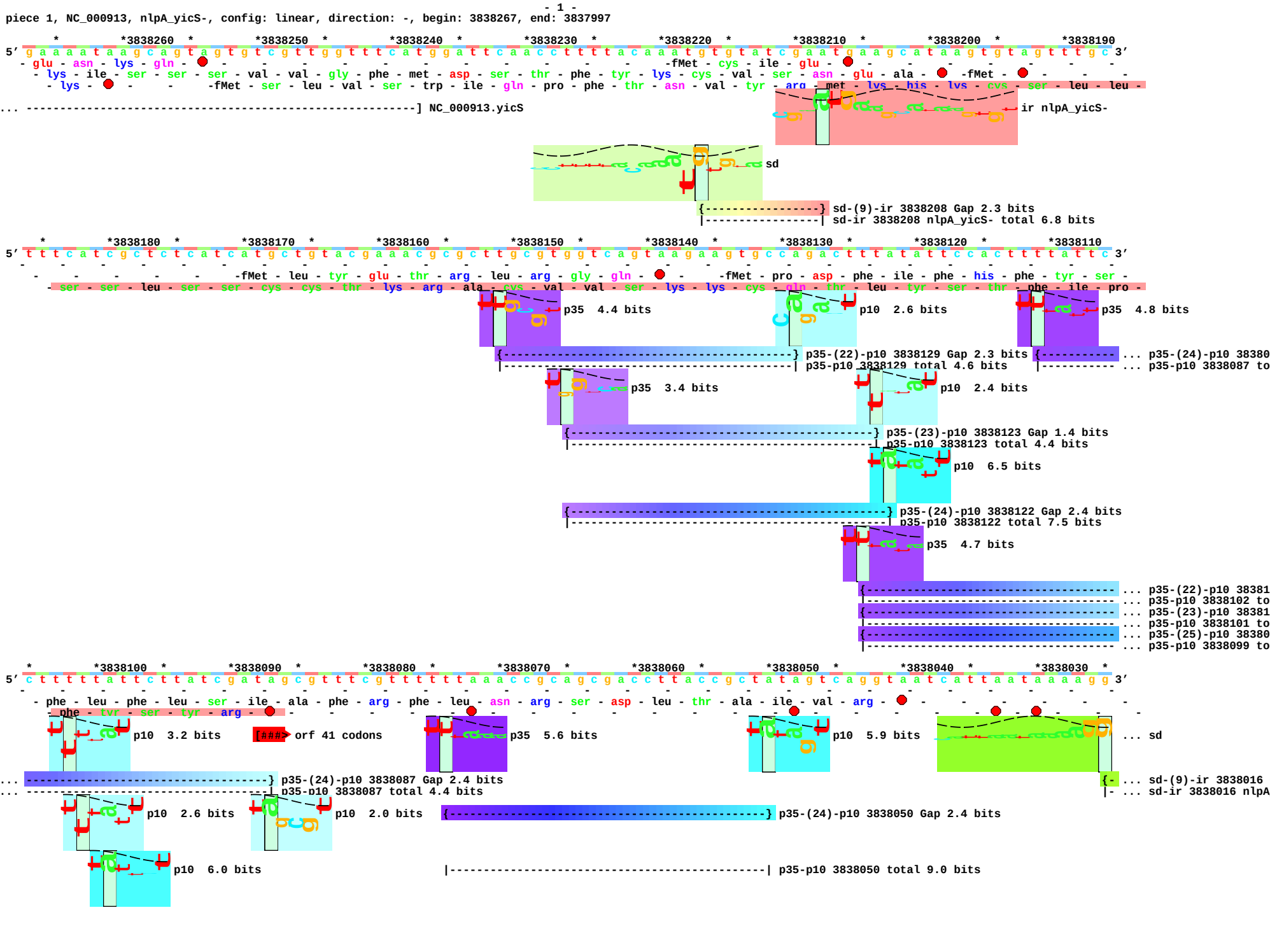
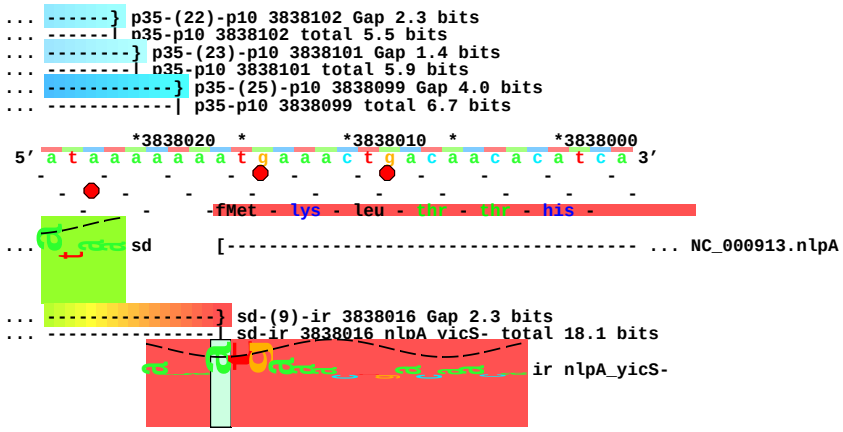

piece 1, NC_000913, nlpA_yicS-, config: linear, direction: -, begin: 3838267, end: 3837997
*3838260 *3838250 *3838240 *3838230 *3838220 *3838210 *3838200 *3838190
5′ g a a a a t a a g c a g t a g t g t c g t t g g t t t c a t g g a t t c a a c c t t t t a c a a a t g t g t a t c g a a t g a a g c a t a a g t g t a g t t t g c 3′
- glu - asn - lys - gln - fMet - cys - ile - glu -
- lys - ile - ser - ser - ser - val - val - gly - phe - met - asp - ser - thr - phe - tyr - lys - cys - val - ser - asn - glu - ala - fMet -
- lys - fMet - ser - leu - val - ser - trp - ile - gln - pro - phe - thr - asn - val - tyr - arg - met - lys - his - lys - cys - ser - leu - leu -
... ----------] NC_000913.yicS
ir nlpA_yicS-
sd
{----------} sd-(9)-ir 3838208 Gap 2.3 bits
|----------| sd-ir 3838208 nlpA_yicS- total 6.8 bits
*3838180 *3838170 *3838160 *3838150 *3838140 *3838130 *3838120 *3838110
5′ t t t c a t c g c t c t c a t c a t g c t g t a c g a a a c g c g c t t g c g t g g t c a g t a a g a a g t g c c a g a c t t t a t a t t c c a c t t t t a t t c 3′
- fMet - leu - tyr - glu - thr - arg - leu - arg - gly - gln - fMet - pro - asp - phe - ile - phe - his - phe - tyr - ser -
- ser - ser - leu - ser - ser - cys - cys - thr - lys - arg - ala - cys - val - val - ser - lys - lys - cys - gln - thr - leu - tyr - ser - thr - phe - ile - pro -
p35 4.4 bits
p10 2.6 bits
p35 4.8 bits
{----------} p35-(22)-p10 3838129 Gap 2.3 bits
|----------| p35-p10 3838129 total 4.6 bits
{---------- ... p35-(24)-p10 38380
|---------- ... p35-p10 3838087 to
p35 3.4 bits
p10 2.4 bits
{----------} p35-(23)-p10 3838123 Gap 1.4 bits
|----------| p35-p10 3838123 total 4.4 bits
p10 6.5 bits
{----------} p35-(24)-p10 3838122 Gap 2.4 bits
|----------| p35-p10 3838122 total 7.5 bits
p35 4.7 bits
{---------- ... p35-(22)-p10 38381
|---------- ... p35-p10 3838102 to
{---------- ... p35-(23)-p10 38381
|---------- ... p35-p10 3838101 to
{---------- ... p35-(25)-p10 38380
|---------- ... p35-p10 3838099 to
*3838100 *3838090 *3838080 *3838070 *3838060 *3838050 *3838040 *3838030
5′ c t t t t t a t t c t t a t c g a t a g c g t t t c g t t t t t t a a a c c g c a g c g a c c t t a c c g c t a t a g t c a g g t a a t c a t t a a t a a a a g g 3′
- phe - leu - phe - leu - ser - ile - ala - phe - arg - phe - leu - asn - arg - ser - asp - leu - thr - ala - ile - val - arg -
- phe - tyr - ser - tyr - arg -
p10 3.2 bits
[###> orf 41 codons
p35 5.6 bits
p10 5.9 bits
... sd
... ----------} p35-(24)-p10 3838087 Gap 2.4 bits
... ----------| p35-p10 3838087 total 4.4 bits
{- ... sd-(9)-ir 3838016
|- ... sd-ir 3838016 nlpA
p10 2.6 bits
p10 2.0 bits
{----------} p35-(24)-p10 3838050 Gap 2.4 bits
p10 6.0 bits
|----------| p35-p10 3838050 total 9.0 bits


... ------} p35-(22)-p10 3838102 Gap 2.3 bits
... ------| p35-p10 3838102 total 5.5 bits
... --------} p35-(23)-p10 3838101 Gap 1.4 bits
... --------| p35-p10 3838101 total 5.9 bits
... ------------} p35-(25)-p10 3838099 Gap 4.0 bits
... ------------| p35-p10 3838099 total 6.7 bits
*3838020
*3838010
*3838000
5′ a t a a a a a a t g a a a c t g a c a a c a c a t c a 3′
fMet - lys - leu - thr - thr - his -
... sd [------------------------------------ ... NC_000913.nlpA
----------------} sd-(9)-ir 3838016 Gap 2.3 bits
---------------| sd-ir 3838016 nlpA_yicS- total 18.1 bits
ir nlpA_yicS-