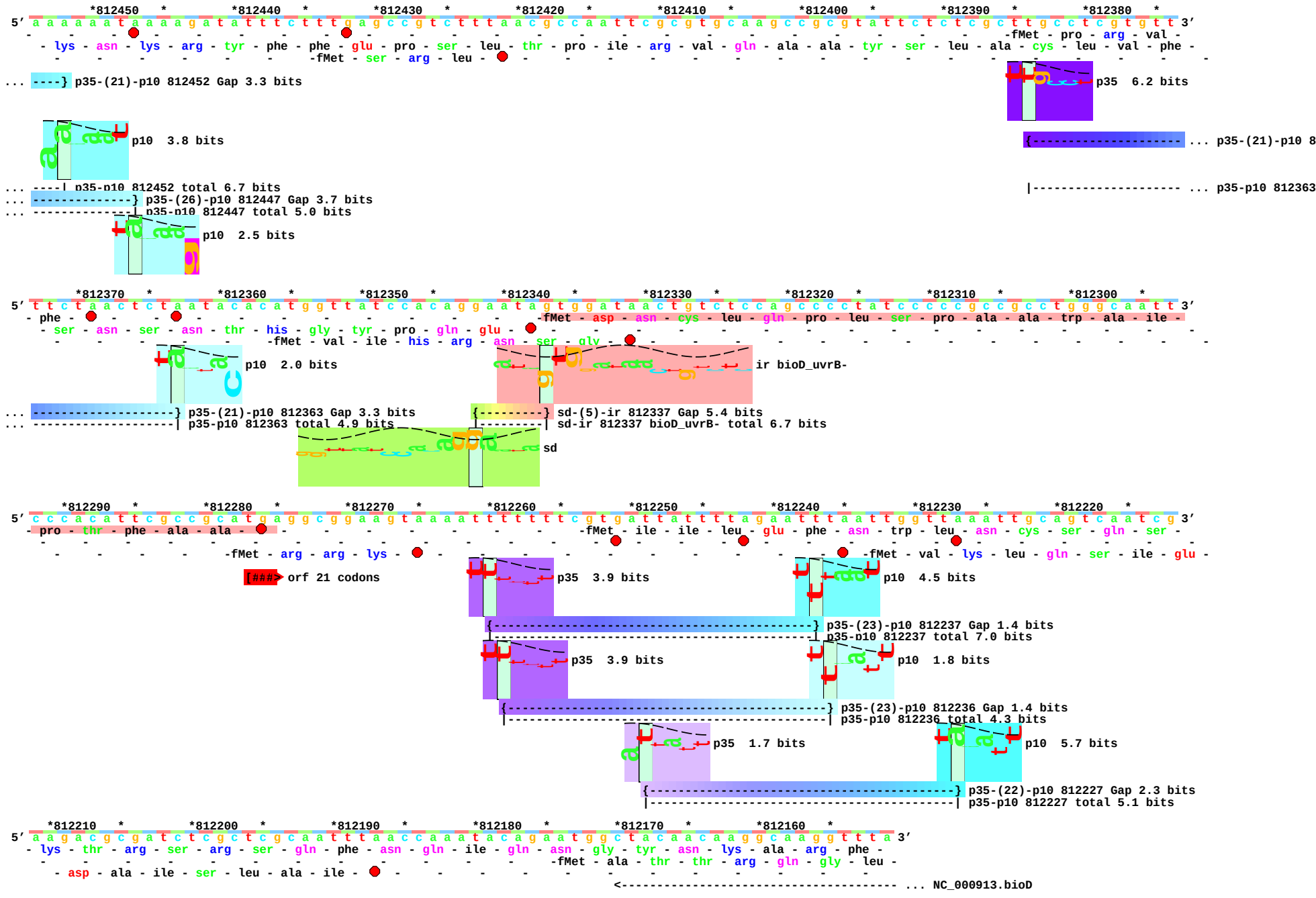
piece 1, NC_000913, bioD_uvrB-, config: linear, direction: -, begin: 812778, end: 812151


*812450
*812440
*812430
*812420
*812410
*812400
*812390
*812380
5' a a a a a a t a a a a g a t a t t t c t t t g a g c c g t c t t t a a c g c c a a t t c g c g t g c a a g c c g c g t a t t c t c t c g c t t g c c t c g t g t t 3'
- lys - asn - lys - arg - tyr - phe - phe - glu - pro - ser - leu - thr - pro - ile - arg - val - gln - ala - ala - tyr - ser - leu - ala - cys - leu - val - phe -
-fMet - ser - arg - leu -
-fMet - pro - arg - val -
... ----} p35-(21)-p10 812452 Gap 3.3 bits
p35 6.2 bits
p10 3.8 bits
{---------- ... p35-(21)-p10 8
... ----| p35-p10 812452 total 6.7 bits
|---------- ... p35-p10 812363
... ----------} p35-(26)-p10 812447 Gap 3.7 bits
... ----------| p35-p10 812447 total 5.0 bits
p10 2.5 bits
*812370
*812360
*812350
*812340
*812330
*812320
*812310
*812300
5' t t c t a a c t c t a a t a c a c a t g g t t a t c c a c a g g a a t a g t g g a t a a c t g t c t c c a g c c c c t a t c c c c c g c c g c c t g g g c a a t t 3'
- phe -
-fMet - asp - asn - cys - leu - gln - pro - leu - ser - pro - ala - ala - trp - ala - ile -
- ser - asn - ser - asn - thr - his - gly - tyr - pro - gln - glu -
-fMet - val - ile - his - arg - asn - ser - gly -
p10 2.0 bits
ir bioD_uvrB-
... ----------} p35-(21)-p10 812363 Gap 3.3 bits
... ----------| p35-p10 812363 total 4.9 bits
{---------} sd-(5)-ir 812337 Gap 5.4 bits
|---------| sd-ir 812337 bioD_uvrB- total 6.7 bits
sd
*812290
*812280
*812270
*812260
*812250
*812240
*812230
*812220
5' c c c a c a t t c g c c g c a t g a g c g g a a g t a a a a t t t t t t c g t g a t t a t t t t a g a a t t t a a t t g g t t a a a t t g c a g t c a a t c g 3'
- pro - thr - phe - ala - ala -
-fMet - ile - ile - leu - glu - phe - asn - trp - leu - asn - cys - ser - gln - ser -
-fMet - arg - arg - lys -
-fMet - val - lys - leu - gln - ser - ile - glu -
[###> orf 21 codons
p35 3.9 bits
p10 4.5 bits
{----------} p35-(23)-p10 812237 Gap 1.4 bits
|---------- p35-p10 812237 total 7.0 bits
p35 3.9 bits
p10 1.8 bits
{----------} p35-(23)-p10 812236 Gap 1.4 bits
|---------- p35-p10 812236 total 4.3 bits
p35 1.7 bits
p10 5.7 bits
{----------} p35-(22)-p10 812227 Gap 2.3 bits
|---------- p35-p10 812227 total 5.1 bits
*812210
*812200
*812190
*812180
*812170
*812160
5' a a g a c g c g a t c t c g c t c g c a a t t t a a c c a a a t a c a g a a t g g c t a c a a c a a g g c a a g g t t t a 3'
- lys - thr - arg - ser - arg - ser - gln - phe - asn - gln - ile - gln - asn - gly - tyr - asn - lys - ala - arg - phe -
-fMet - ala - thr - thr - arg - gln - gly - leu -
- asp - ala - ile - ser - leu - ala - ile -
<---------- ... NC_000913.bioD