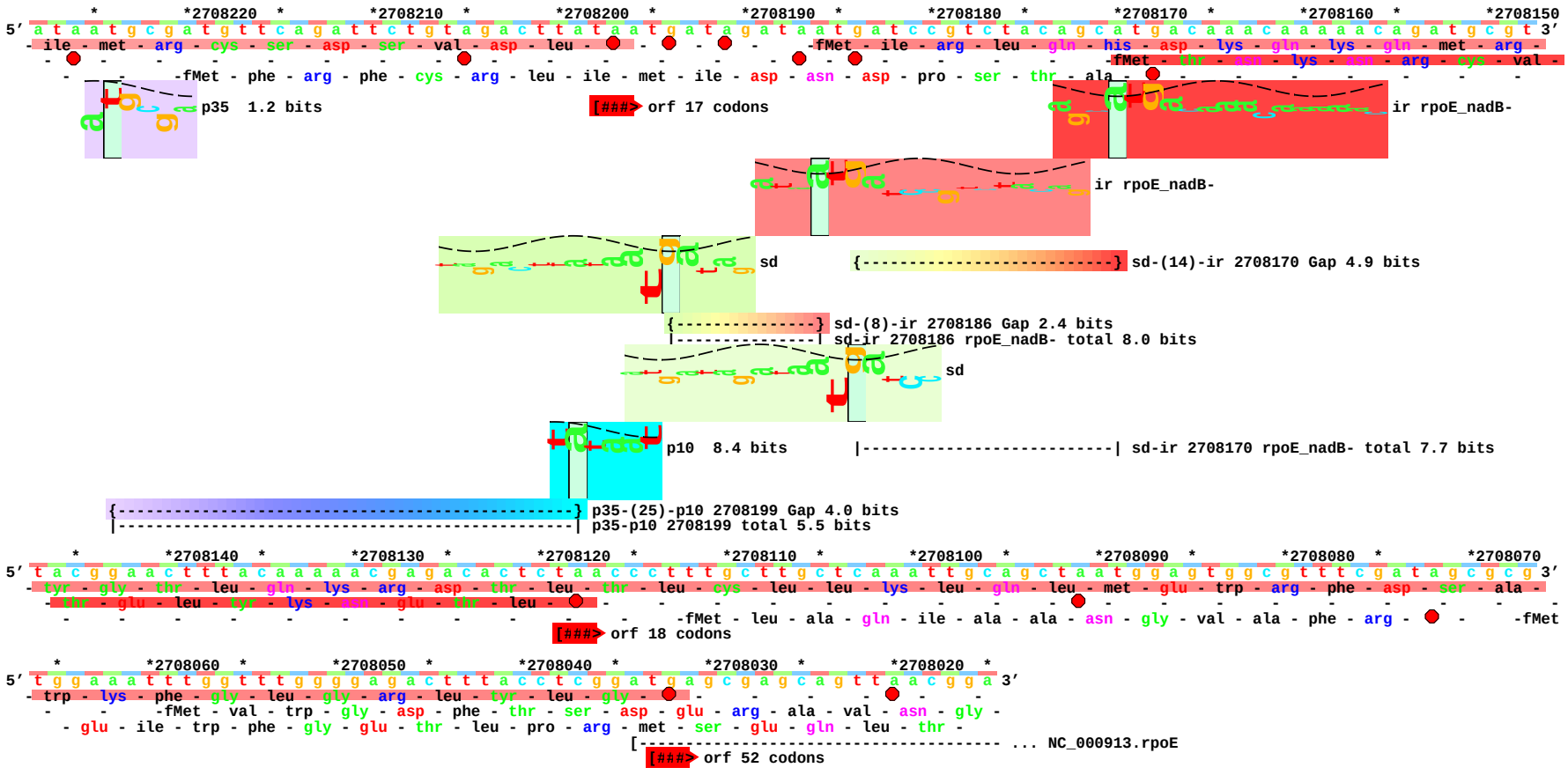
piece 1, NC_000913, rpoE_nadB-, config: linear, direction: -, begin: 2708471, end: 2708015
*2708470 * *2708460 * *2708450 * *2708440 * *2708430 * *2708420 * *2708410 * *2708400 *
5′ g t c a c a t g a a t g t t c a g g g a g a g t a t t c a t t t c t t t g t t t a a t t t a c t a a a c a t g g t t t g g t c a g c a t a g c a t c a t g t t g 3′
- val - thr - -fMet - phe - arg - glu - ser - ile - his - phe - leu - cys - leu - ile - tyr -
- ser - his - glu - cys - ser - gly - arg - val - phe - ile - phe - phe - val -
- his - met - asn - val - gln - gly - glu - tyr - ser - phe - ser - leu - phe - asn - leu - leu - asn - met - val - trp - ser - ala -
-fMet - leu -
-fMet - val - ser - ile - ala - ser - cys - cys -
-fMet -
... ----------] NC_000913.nadB
p10 1.1 bits
p10 4.5 bits
p35 4.8 bits
p35 5.7 bits
p35 0.7 bits
{----------} p35-(23)-p10 2708418 Gap 1.4 bits
|----------| p35-p10 2708418 total 4.4 bits
{----------} p35-(25)-p10 2708402 Gap 4.0 bits
|----------| p35-p10 2708402 total 6.2 bits
... p35
{--- ... p35-(23)-p10 27083
|--- ... p35-p10 2708372 to
{--- ... p35-(25)-p10 27083
|--- ... p35-p10 2708367 to
*2708390 * *2708380 * *2708370 * *2708360 * *2708350 * *2708340 * *2708330 * *2708320 * *2708310
5′ t g c g g a t a a a c a c c t g c t a t t t t a a t a t t t g t t a c a g t t g c t a a a c a c g c t g a c g c a g g g c g g c g a g a a a a a g a g a a g t t a 3′
- cys - gly -
- ala - asp - lys - his - leu - leu - phe -
- arg - ile - asn - thr - cys - tyr - phe - asn - ile - cys - tyr - ser - cys -
-fMet - leu - gln - leu - leu - asn - thr - leu - thr - gln - gly - gly - glu - lys - lys - arg - ser - tyr -
p10 5.2 bits
p10 4.5 bits
... ----------} p35-(23)-p10 2708372 Gap 1.4 bits
... ----------| p35-p10 2708372 total 4.5 bits
p10 6.3 bits
... p35 2.3 bits
... ----------} p35-(23)-p10 2708369 Gap 1.4 bits
... ----------| p35-p10 2708369 total 5.3 bits
... ----------} p35-(25)-p10 2708367 Gap 4.0 bits
... ----------| p35-p10 2708367 total 4.6 bits
* *2708300 * *2708290 * *2708280 * *2708270 * *2708260 * *2708250 * *2708240 * *2708230
5′ c t g g c t g g t g g a g g a t t a g g t g g t g a a a t a a a a a g g c c g t t g g g t t a c t c t t c a g g c a g t t a a a t g g g c a t t t c t a c a c a g 3′
- trp - leu - val - glu - asp -
-fMet - val - lys -
-fMet - gly - tyr - ser - ser - gly - ser -
-fMet - gly - ile - ser - thr - gln -
ir rpoE_nadB-
ir rpoE_nadB-
sd
[###> orf 3 codons
sd
{----------} sd-(9)-ir 2708287 Gap 2.3 bits
|----------| sd-ir 2708287 rpoE_nadB- total 6.2 bits
{----------} sd-(8)-ir 2708246 Gap 2.4 bits
|----------| sd-ir 2708246 rpoE_nadB- total 7.1 bits


2708220
2708210
2708200
2708190
2708180
2708170
2708160
2708150
5′ a t a a t g c g a t g t t c a g a t t c t g t a g a c t t a t a a t g a t a g a t a a t g a t c c g t c t a c a g c a t g a c a a a c a a a a a c a g a t g c g t 3′
ile - met - arg - cys - ser - asp - ser - val - asp - leu -
fMet - ile - arg - leu - gln - his - asp - lys - gln - lys - gln - met - arg -
fMet - thr - asn - lys - asn - arg - cys - val -
fMet - phe - arg - phe - cys - arg - leu - ile - met - ile - asp - asn - asp - pro - ser - thr - ala -
p35 1.2 bits
[###> orf 17 codons
ir rpoE_nadB-
ir rpoE_nadB-
sd
{----------} sd-(14)-ir 2708170 Gap 4.9 bits
{----------} sd-(8)-ir 2708186 Gap 2.4 bits
|----------| sd-ir 2708186 rpoE_nadB- total 8.0 bits
sd
p10 8.4 bits
|----------| sd-ir 2708170 rpoE_nadB- total 7.7 bits
{----------} p35-(25)-p10 2708199 Gap 4.0 bits
|----------| p35-p10 2708199 total 5.5 bits
2708140
2708130
2708120
2708110
2708100
2708090
2708080
2708070
5′ t a c g g a a c t t t a c a a a a a c g a g a c a c t c t a a c c c t t t g c t t g c t c a a a t t g c a g c t a a t g g a g t g g c g t t t c g a t a g c g c g 3′
tyr - gly - thr - leu - gln - lys - arg - asp - thr - leu - thr - leu - cys - leu - leu - lys - leu - gln - leu - met - glu - trp - arg - phe - asp - ser - ala -
thr - glu - leu - tyr - lys - asn - glu - thr - leu -
fMet - leu - ala - gln - ile - ala - ala - asn - gly - val - ala - phe - arg -
fMet -
[###> orf 18 codons
2708060
2708050
2708040
2708030
2708020
5′ t g g a a a t t t g g t t t g g g g a g a c t t t a c c t c g g a t g a g c g a g c a g t t a a c g g a 3′
trp - lys - phe - gly - leu - gly - arg - leu - tyr - leu - gly -
fMet - val - trp - gly - asp - phe - thr - ser - asp - glu - arg - ala - val - asn - gly -
glu - ile - trp - phe - gly - glu - thr - leu - pro - arg - met - ser - glu - gln - leu - thr -
[---------- ... NC_000913.rpoE
[###> orf 52 codons