

piece 1, NC\_000913, rpoE\_nadB-, config: linear, direction: -, begin: 2708471, end: 2708015

\*2708470 \* \*2708460 \* \*2708450 \* \*2708440 \* \*2708430 \* \*2708420 \* \*2708410 \* \*2708400 \*

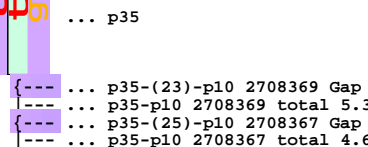
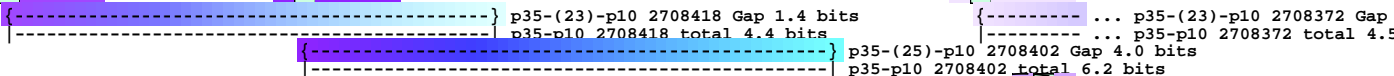
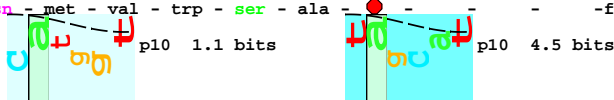
5' g t c a c a t g a a t g t t c a g g g a g a g t a t t c a t t t t c t t t g t t a a t t t a c t a a a c a t g g t t t g g t c a g c a t a g c a t c a t g t t g 3'

- val - thr - fMet - phe - arg - glu - ser - ile - his - phe - leu - cys - leu - ile - tyr - fMet - val - ser - ile - ala - ser - cys - cys -

- ser - his - glu - cys - ser - gly - arg - val - phe - ile - phe - phe - val - - - - -fMet - trp - ser - ala - - - - -fMet -

- his - met - asn - val - gln - gly - glu - tyr - ser - phe - ser - leu - phe - asn - leu - leu - asn - met - val - trp - ser - ala - - - - -fMet -

NC\_000913.nadB

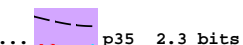
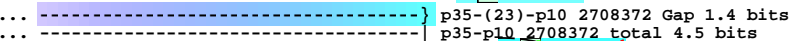
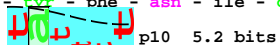


\*2708390 \* \*2708380 \* \*2708370 \* \*2708360 \* \*2708350 \* \*2708340 \* \*2708330 \* \*2708320 \* \*2708310

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 g c g g c g a g a a a a g a g a a g t t a 3'

- cys - gly - ala - asp - lys - his - leu - leu - phe - fMet - leu - gln - leu - leu - asn - thr - leu - thr - gln - gly - gly - glu - lys - lys - arg - ser - tyr -

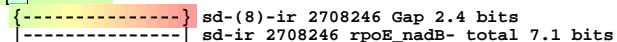
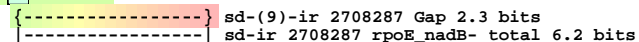
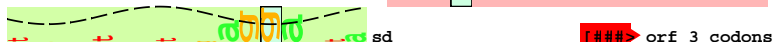
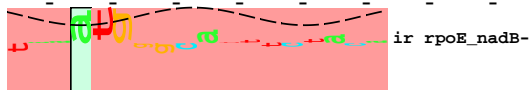
- arg - ile - asn - thr - cys - tyr - phe - asn - ile - cys - tyr - ser - cys - - - - -



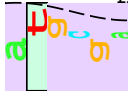
\* \*2708300 \* \*2708290 \* \*2708280 \* \*2708270 \* \*2708260 \* \*2708250 \* \*2708240 \* \*2708230

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 g g c c g t t g g g t t a c t e t t c a g g c a g t t a a t g g g c a t t t c 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 -



\*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 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 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 - phe - arg - phe - cys - arg - leu - ile - met - ile - asp - asn - asp - pro - ser - thr - ala - -fMet - thr - asp - lys - asp - arg - cys - val -

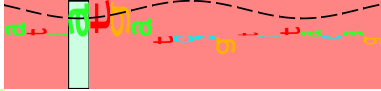


p35 1.2 bits

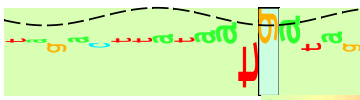
orfs orf 17 codons



ir rpoE\_nadB-

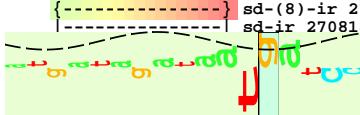


ir rpoE\_nadB-



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 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 -

orfs 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 -

orfs orf 52 codons

... NC\_000913.rpoE