piece 1, NC_000913, ynjH_gdhA-, config: linear, direction: -, begin: 1840424, end: 1840140

```
         *1840420  *      *1840410  *      *1840400  *      *1840390  *      *1840380  *      *1840370  *      *1840360  *      *1840350  *
5' g a a t g a c t c c a g a g a a t a t g t c t g a t c c a t a g a t a t a a a a c c c t t a t a t a t t a a t a c g a t t g t g c t t a t g t t g t t t a t g t c 3'
    - glu -   - asn - asp - ser - arg - glu - tyr - val -   -   -   -   -   -   -   -   -   -   -   -fMet - leu - met - leu - phe - met - ser -
        - met - thr - pro - glu - asn - met - ser - asp - pro -   -   -   -   -   -   -   -   -   -fMet - cys - leu - cys - cys - leu - cys - his -
... -----------------------------------------------------] NC_000913.gdhA
```

p35 1.9 bits   p10 4.6 bits

{------------------------------------} p35-(23)-p10 1840357 Gap 1.4 bits
|------------------------------------| p35-p10 1840357 total 5.0 bits

```
         *1840340  *      *1840330  *      *1840320  *      *1840310  *      *1840300  *      *1840290  *      *1840280  *      *1840270  *
5' a t g t g c t t t t c a g t t t t c g a c t a t a c c a t c a a g a a t g t g a c g g t a a g c a a g a a a a a a a t g a c c c a g g a a a g c a a a t t a a t 3'
    -fMet - cys - phe - cys - ser - phe - ala - val - phe - asp - tyr - thr - ile - lys - asn - val - asp - gly - lys - gln - glu - lys - asn - asp - pro - gly - lys - gln - ile - asn -
      - cys - ala - phe - ala - val - phe - asp - tyr - thr - ile - lys - asn - val - thr - val - ser - lys - lys - lys - met - thr - gln - glu - ser - lys - leu - ile -
        - val - leu - leu - gln - phe - ser - thr - ile - pro - ser - arg - met -
```

p35 5.2 bits   p10 2.8 bits   ir ynjH_gdhA-

sd

{-----------------------------} p35-(23)-p10 1840311 Gap 1.4 bits   {-----------} sd-(7)-ir 1840285 Gap 3.7 bits
|-----------------------------| p35-p10 1840311 total 6.5 bits |-----------| sd-ir 1840285 ynjH_gdhA- total 6.8 bits

```
         *1840260  *      *1840250  *      *1840240  *      *1840230  *      *1840220  *      *1840210  *      *1840200  *      *1840190  *
5' a a c g a g a g t a a t c t c a t a a c c a a a t g c g a t a a c t c a g a c g c t a a a g t t t t g c c a c c g g c t a c c g t t a t c a g t a g c a g a g a 3'
    - asn - glu - ser - asn - leu - ile - thr - lys - cys - asp - asn - ser - asp - ala - lys - val - leu - pro - pro - gly - tyr - arg - tyr - gln -   -   -   -
      - thr - arg - val - ile - ser -   -   -   -fMet - arg -   -   -   -   -   -
```

[###> orf 14 codons

```
         *1840180  *      *1840170  *      *1840160  *      *1840150  *      *1840140  *
5' c a a t a a c g t t a a g g a g t t c c c t g t g a g t c g a g c a t t g t t c g c 3'
    -   -   -   -   -   -   -   -   -   -fMet - ser - arg - ala - leu - phe -
```

sd   [------------------------------------ ... NC_000913.ynjH

ir ynjH_gdhA-

{----------------} sd-(9)-ir 1840159 Gap 2.3 bits
|----------------| sd-ir 1840159 ynjH_gdhA- total 8.6 bits