piece 1, NC_000913, ygiF_htrG+, config: linear, direction: +, begin: 3198958, end: 3199248

```
        *3198960  *       *3198970  *       *3198980  *       *3198990  *       *3199000  *       *3199010  *       *3199020  *       *3199030  *
5' a a t a a a c t t t a a t t c g a t t c c t g a g c c a t g g c c t t t a c t t a t c g g t t a t g t c a c a t a a g t g a c g a t g a a c g g c g a a c t t a 3'
    -  asn - lys - leu -                                                                                    -fMet - ser - his - lys -
    -  ile - asn - phe - asn - ser - ile - ser -            -fMet - ala - phe - thr - tyr - arg - leu - cys - his - ile - ser - asp - asp - glu - arg - arg - thr -
                                                                                                              -fMet - thr - met - asn - gly - glu - leu - asn -

... --------------------------------------------------] NC_000913.ygiF                                                                    ... ir

                                                                                                                                    sd
                                                                                            { --------------- ...  sd-(9)-ir 3199039 Gap
                                                                                            | --------------- ...  sd-ir 3199039 ygiF_htrG+
```
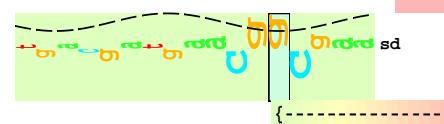
```
        *3199040  *       *3199050  *       *3199060  *       *3199070  *       *3199080  *       *3199090  *       *3199100  *       *3199110  *
5' a t g c g a t c t t t t t t g t c a g t a g a t a g t a t t t t g c g c c a a t t g c c a t g c a a c g g g c a a t t t g a c g g g c g t a a a a g t t t g a a 3'
   -fMet - arg - ser - phe - leu - ser - val - asp - ser - ile - leu - arg - gln - ile - ala - met - gln - arg - ala - ile -          - asp - gly - arg - lys - ser - leu - lys -
        -  ala - ile - phe - phe - val - ser - arg -                    -fMet - pro - cys - asn - gly - gln -                    phe                              
                                                                                                                              -fMet - thr - gly - val - lys - val -

...                  ir ygiF_htrG+              p10   5.3 bits          p10   2.8 bits              [###> orf 21 codons

                    p35   1.2 bits    { -------------------------------- } p35-(24)-p10 3199076 Gap 2.4 bits

... } sd-(9)-ir 3199039 Gap 2.3 bits
... | sd-ir 3199039 ygiF htrG+ total 5.0 bits
    { ------------------------------- } p35-(23)-p10 3199063 Gap 1.4 bits
    | ------------------------------- p35-p10 3199063 total 5.0 bits
                    p35   5.5 bits
                                    | ---------------------------------------------- | p35-p10 3199076 total 5.9 bits
```

```
   *3199120  *       *3199130  *       *3199140  *       *3199150  *       *3199160  *       *3199170  *       *3199180  *       *3199190  *       *3199200
5' g c a g t g g c a a g a c c t g a c a c a g a g g a t t c c g a t t g a t g t c a t g a a t g c t t t g c g t a g c g a c a c t g a t g c c g a c t a t c g t t c 3'
        -fMet - ala - arg - pro - asp - thr - glu - asp - ser - asp -            -fMet - leu - cys - val - ala - thr - leu - met - pro - leu - leu - ser - phe -
        -  gln - trp - gln - asp - leu - thr - gln - arg - ile - pro - ile - asp - val - glu - cys - phe - ala -
                                                      -fMet - met - ser - asn - ala - leu - arg - ser - asp - thr - asp - ala - thr - thr - ile - val - pro -

                    sd                              ir ygiF_htrG+                                p10   5.6 bits

        { --------------------- } sd-(11)-ir 3199155 Gap 3.0 bits          p10   1.8 bits              p10   3.8 bits

                | --------------------- | sd-ir 3199155 ygiF_htrG+ total 7.6 bits
                    p35   4.7 bits              p35   4.4 bits
                                    { ------------------------------------ } p35-(24)-p10 3199177 Gap 2.4 bits
                                    | ------------------------------------ | p35-p10 3199177 total 4.0 bits
                                            { --------------------------------- } p35-(23)-p10 3199191 Gap 1.4 bits
                                            | --------------------------------- p35-p10 3199191 total 8.6 bits
                                            { --------------------------------- } p35-(26)-p10 3199194 Gap 3.7 bits
                                            | --------------------------------- | p35-p10 3199194 total 4.5 bits
```

```
            *       *3199210  *       *3199220  *       *3199230  *       *3199240  *
5' c a c t t t c c a t g a c a a t a a c g a c a g c c t g a t g c c a a a a t t a c g c c t g a t 3'
   - his - phe - pro -
                     -fMet - pro - lys - leu - arg - leu -
        - leu - ser - met - thr - ile - thr - thr - ala -

                    p35   3.3 bits          [ -------------------------------------- ... NC_000913.htrG
```

[###> orf 25_codons

p10   4.7 bits

{-----------------------------------} p35-(24)-p10 3199234 Gap 2.4 bits
|-----------------------------------| p35-p10 3199234 total 5.6 bits