piece 1, NC_000913, ygcB_cysH-, config: linear, direction: -, begin: 2885629, end: 2885222

```
        *        *2885620   *        *2885610   *        *2885600   *        *2885590   *        *2885580   *        *2885570   *        *2885560   *        *2885550
5' aaaaggaatgtgggttacacgaagggtaaatattgccggacaaattaaacgcctctgtcagaaatgatggggcgttttt 3'
 - lys - arg - glu - cys - gly - leu - his - glu - gly -   -  -fMet - pro - asp - lys - leu - asn - ala - ser - val - arg - asn - asp - gly - gly - val - phe -
     - lys - gly - asn - val - gly - tyr - thr - lys - gly -   - lys - tyr - cys - arg - thr - asn -   -   -   -   -  -fMet - met - gly - ala - phe - leu -
         - lys - gly - met - trp - val - thr - arg - arg - val - asn - ile - ala - gly - gln - ile - lys - arg - leu - cys - gln - lys -   -   -   -   -   - 
```

p35   2.2 bits
... p10

{--- ... p35-(24)-p10 2885548 Gap
|--- ... p35-p10 2885548 total 5.0
... p35

{--- ... p35-(23)-p10 2885527 Gap
|--- ... p35-p10 2885527 total 4.5

```
        *        *2885540   *        *2885530   *        *2885520   *        *2885510   *        *2885500   *        *2885490   *        *2885480   *        *2885470
5' atttgcgagcagcattcctgattttaaacgtgaacgccgcgggaagaattatcaggtatagaatggcgtcgggtgcttga 3'
 - ile - leu - arg - ala - ala - phe - leu - ile - leu - asn - val - asn - ala - ala - gly - arg - ile - ile - arg - tyr - arg - met - ala - ser - gly - ala - 
     - phe - cys - glu - gln - his - ser -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet - leu - glu - 
         -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   - fMet - arg - 
```

p10   5.2 bits
p10   1.1 bits
p10   2.8 bits
ir ygcB_cysH-

... } p35-(24)-p10 2885548 Gap 2.4 bits
p35   4.7 bits
[###> orf 6 codons

... | p35-p10 2885548 total 5.0 bits
p35   5.6 bits
{-----------} sd-(7)-ir 2885485 Gap 3.7 bits

... p35   4.8 bits
|------------| sd-ir 2885485 ygcB_cysH- total 6.5 bits
sd

... -----------} p35-(23)-p10 2885527 Gap 1.4 bits
p10   3.3 bits

... ------------| p35-p10 2885527 total 4.5 bits
{------------------} p35-(22)-p10 2885503 Gap 2.3 bits
|------------------| p35-p10 2885503 total 5.1 bits
{------------------} p35-(24)-p10 2885500 Gap 2.4 bits
|------------------| p35-p10 2885500 total 6.4 bits

```
        *        *2885460   *        *2885450   *        *2885440   *        *2885430   *        *2885420   *        *2885410   *        *2885400   *        *2885390
5' ggctgtctggcgttaagcattcgcgaggttccagatggacaaaagccccaggcgatatttctcaacctgaggccagcgt 3'
 - ala - val - trp - arg -   -   -   -   -   -   -fMet - asp - lys - ser - pro - arg - arg - tyr - phe - tyr - gln - pro - glu - ala - ser - val - 
     - leu - ser - gly - val - lys - his - ser - arg - gly - ser - arg - trp - thr - lys - ala - pro - gly - asp - ile - ser - ile - asn - leu - arg - pro - ala - phe - 
```

p35   4.3 bits
p10   1.7 bits

{------------------} p35-(23)-p10 2885408 Gap 1.4 bits
|------------------| p35-p10 2885408 total 4.6 bits

```
        *        *2885380   *        *2885370   *        *2885360   *        *2885350   *        *2885340   *        *2885330   *        *2885320   *        *2885310
5' tcgaacccaaacaattcgaatgttagtctcttctttgcaggaggcaagacatgtgtatatcactgtaattcgatatttat 3'
 - arg - thr - gln - thr - ile - arg - met - leu - val - ser - ser - leu - gln - gly - gly - lys -  -fMet - cys - ile - ser - leu - 
     - glu - pro - lys - gln - phe - glu - cys -   -   -   -   -   -   -   -   -   -   -fMet - tyr - ile - thr - val - ile - arg - tyr - leu - 
         -   -   -   -   -   -   -   -   -   -   -   -   -   -   - thr - cys - val - his - cys - asn - ser - ile - phe - met - 
```

sd
ir ygcB_cysH-
[# ... orf

2 -
p35 5.2 bits

[###> orf 6 codons

{------------------} sd-(10)-ir 2885335 Gap 2.7 bits
|-----------------| sd-ir 2885335 ygcB cysH- total 8.9 bits

ir ygcB_cysH-

{------------------} sd-(12)-ir 2885333 Gap 4.0 bits
|-----------------| sd-ir 2885333 ygcB_cysH- total 5.6 bits

p10 2.2 bits

{------------------------------} p35-(22)-p10 2885329 Gap 2.3 bits
|-----------------------------| p35-p10 2885329 total 5.1 bits

p10 2.0 bits

{------------------------------} p35-(24)-p10 2885327 Gap 2.4 bits
|-----------------------------| p35-p10 2885327 total 4.8 bits

```
    *        *2885300    *         *2885290    *         *2885280    *         *2885270    *         *2885260    *         *2885250    *         *2885240    *         *2885230    *
5' gagcagcatcgaaaaatagcccgctgatatcatcgataatactaaaaaaacagggaggctattaatggaaccttttaaata 3'
   -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
   - ser - ser - ile - glu - lys - ●  -    -    -    -    -    -    -    -    -    -    - fMet - glu - pro - phe - lys - tyr -
```

... ##> orf 10 codons

sd   [------------------------------- ... NC_000913.ygcB

ir ygcB_cysH-

{-----------------} sd-(10)-ir 2885241 Gap 2.7 bits
|----------------| sd-ir 2885241 ygcB_cysH- total 13.0 bits

```
5' tat 3'
   -   -
       -
```

... ------ ... NC_000913.ygcB