piece 1, NC_000913, sgbE_yiaT-, config: linear, direction: -, begin: 3749180, end: 3748785

```
        *3749180  *       *3749170  *       *3749160  *       *3749150  *       *3749140  *       *3749130  *       *3749120  *       *3749110  *       *3749100
5' t t t g t c a c c g g g g t g a g c t g g c g t t t t t a a t t c a c c g g t g g a t g t c g g t g c g g c t g g t g c t c c g t c g t a a t g c c a c a a a g g 3'
  - phe - val - thr - gly - val - ser - trp - arg - phe -   -   -   -   -   -   -   -   -   -  -fMet - pro - gln - arg -   -
   - leu - ser - pro - gly -   - leu - ala - phe - leu - ile - his - arg - trp - met - ser - val - arg - leu - val - leu - arg - arg - asn - ala - thr - lys - val -
   - cys - his - arg - gly - glu - leu - ala - phe - leu - ile - his - arg - trp - met - ser - val - arg - leu - val - leu - arg - arg - asn - ala - thr - lys - val -
                p35  5.5 bits                               p10  4.5 bits
     {---------------------------------------------} p35-(24)-p10 3749154 Gap 2.4 bits
     |---------------------------------------------| p35-p10 3749154 total 7.6 bits
```

```
        *         *3749090  *       *3749080  *       *3749070  *       *3749060  *       *3749050  *       *3749040  *       *3749030  *       *3749020
5' t t g t t c g c t c t g g a t t g c t c t g t t c a t a c c g g g a a c c t g g c g t c t g a a t c a g g a t c t t a t g g c t g a a c a a t c c c t t g c c t t c 3'
  - leu - leu - leu - trp - ile - leu - phe - ile -   - gly - thr - gly - arg - leu - asn - gln - asp - leu - met - ala - glu - gln - ser - leu - ala - phe -
             -fMet - leu - cys - ser - tyr - arg - glu - pro - gly - val -   -fMet - pro - ser -
   - val - ala - leu - asp - cys - ser - val - his - thr - gly - asn - leu - ala - ser - glu - ser - gly - ser - tyr - gly -
                                                                                            ir sgbE_yiaT-
                                                                       sd
                       {----------} sd-(6)-ir 3749042 Gap 4.3 bits
                       |----------| sd-ir 3749042 sgbE_yiaT- total 8.6 bits
```

```
        *         *3749010  *       *3749000  *       *3748990  *       *3748980  *       *3748970  *       *3748960  *       *3748950  *       *3748940
5' a a a t g t c g t a a a t g g c g c a t c g g c g g g c a g c a a c a g g t t a t g c a g t g a c t g c g t t g t c g g c c t g c t c c a t g c a a t a c g g 3'
  - lys - cys - arg - lys - trp - arg - ile - gly - gly - gln - gln - gln - val - met - gln -   -   -   -   -   -   -   -   -   -
   - asn - val - val - asn - gly - ala - ser - ala - gly - ser - asn - arg - leu - cys - ser - asp - ser - thr - leu - ser - ala - cys - ser - met - gln - tyr - gly -
    -fMet - ser -   -fMet - ala - his - arg - arg - ala - ala - thr - gly - tyr - ala - val - thr - arg - arg - cys - arg - pro - ala - pro - cys - asn - thr - val -
                [###] orf 24 codons                          p35  4.6 bits
                                          {------------------------... p35-(26)-p10 3748936 Gap
                                          |------------------------... p35-p10 3748936 total 5.4
```

```
        *         *3748930  *       *3748920  *       *3748910  *       *3748900  *       *3748890  *       *3748880  *       *3748870  *       *3748860
5' t t t a a t g a c g t t g g c t a t t c c g g c a g a t t t t c a g a a a c a t a c t g g t t t a a c g c c a g c a g c g t g g a a g c g g c g t t a c a g c 3'
  - leu - met - thr - leu - ala - ile - ser - gly - arg - phe - phe - arg - asn - ile - leu - val -   -   -   -   -   -   -
                                                                                            -fMet - glu - ala - ala - leu - gln - gln -
             p10  4.5 bits                     p10  1.8 bits                  p10  4.4 bits
...  --} p35-(26)-p10 3748936 Gap 3.7 bits
...  --| p35-p10 3748936 total 5.4 bits            p35  4.3 bits
   p35  5.7 bits                         {----------------------} p35-(22)-p10 3748897 Gap 2.3 bits
     {---------------------------------} p35-(24)-p10 3748912 Gap 2.4 bits
     |---------------------------------| p35-p10 3748912 total 5.1 bits
                     |----------------------------------| p35-p10 3748897 total 6.3 bits
```

```
        *         *3748850  *       *3748840  *       *3748830  *       *3748820  *       *3748810  *       *3748800  *       *3748790
5' a a g g a a c a t a t c a a t t c g t a g t g c c g g g g c g a t g a a g c c c c g g c g t g a g g a t t a c t g c c c g t a a t a g g c a t 3'
  -   -   -   -   -   -   -   -   -   -   -   -   -   -   -   -fMet - lys - pro - arg - arg - glu - gly - leu - leu - pro - val - ile - gly -
   - gly - thr - tyr - gln - phe - val - val - pro - gly - arg -   -   -   -fMet - arg - asp - tyr - cys - pro -   -   -
                                                            <--------------------------------------... NC_000913.sgbE
```