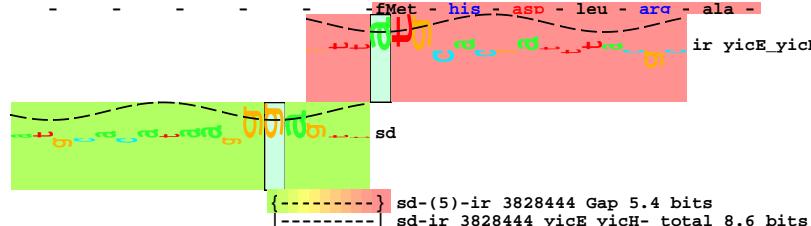- 1 -

piece 1, NC_000913, yicE_yicH-, config: linear, direction: -, begin: 3828509, end: 3828340

```
        *      *3828500  *      *3828490  *      *3828480  *      *3828470  *      *3828460  *      *3828450  *      *3828440  *      *3828430
5' gtagagaagcagcttcccaataaatttcatggtcttccatcccgtgaaatgcacataaggagttatgcacgatttacgcg 3'
   - val - glu - lys - gln - leu - pro - asn - lys - phe - his - gly - leu - pro - ser - arg - glu - met - his - ile - arg - glu - leu - cys - thr - ile - tyr - ala -
       - arg - glu - ala - ala - ser - gln -    -    -    -   -fMet - val - phe - his - pro - val - lys - cys - thr -    -    -    -   -fMet - his - asp - leu - arg - ala -
...  ------------------------------------------------] NC_000913.yicH                                                              ir yicE_yicH-
```

sd

{----------} sd-(5)-ir 3828444 Gap 5.4 bits
|----------| sd-ir 3828444 yicE_yicH- total 8.6 bits

```
        *      *3828420  *      *3828410  *      *3828400  *      *3828390  *      *3828380  *      *3828370  *      *3828360  *      *3828350
5' caatcctcaaggcgggaatggttaaagaggtgagactgcggcggtaattatcttaccgccgccagtgaattactgttttc 3'
   - gln - ser - ser - arg - arg - glu - trp - leu - lys - arg -    -    -    -    -    -    -    -    -    -    -    -    -   -fMet - asn - tyr - cys - phe - ser -
   - ile - leu - lys - ala - gly - met - val - lys - glu - val - arg - leu - arg - arg -    -    -    -    -    -    -    -    -    -    -    -    -    -    -    -
                                                       [###> orf 21 codons                                              <----------------------- ... NC_000913.yicE
```

```
        *      *3828340
5' tggtggga 3'
   -    -    -
   - gly - gly -
  -fMet - gly -
... --------------- ... NC_000913.yicE
```