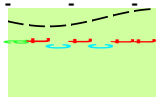
piece 1, NC_000913, lysP_yeiE+, config: linear, direction: +, begin: 2246525, end: 2246778

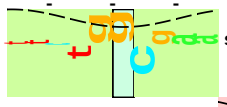
```
   *         *2246530  *         *2246540  *         *2246550  *         *2246560  *         *2246570  *         *2246580  *         *2246590  *         *2246600  *
5' c g c t t c t g t g g t t t t a g t t t c g g a a a c c a t a c a a a a a t g c t a t c c a t c t t a a a a a t g a g g c g c g a t t g t a g c a g a c g a t t g 3'
  - arg - phe - cys - gly - phe - ser - phe - gly - asn - his - thr - lys - met - leu - ser - ile - leu - lys - met - arg - arg - asp - cys - ser - arg - arg - leu -
    - ala - ser - val - val - leu - val - ser - glu - thr - ile - gln - lys - cys - tyr - pro - ser -  -     -  -     -     -     -     -     -     -     -     -     -
      - leu - leu - trp - phe -  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
... ---------------------------------------------------------------] NC_000913.lysP
```

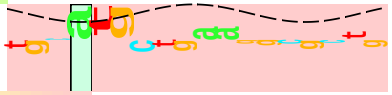
```
                                                                    {-----------------------------------------} p35-(21)-p10 2246558 Gap 3.3 bits
                                                                    |-----------------------------------------| p35-p10 2246558 total 4.3 bits

          *2246610  *         *2246620  *         *2246630  *         *2246640  *         *2246650  *         *2246660  *         *2246670  *         *2246680  *
5' g c a a t c c t t c c g g c a g a a a t a c a c g g t t a t a a g a c a c c t t c a t g a t c g c c c a g g g a t t a t a a g t a a a g c a g c c a a t c t c t t 3'
  - ala - ile - leu - pro - ala - glu - ile - his - gly - tyr - lys - thr - pro - ser -  -     -     -     -     -     -     -     -     -     -     -     -     -     -
    -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
      -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
                                                                                                                                                                  ... sd
```



```
        *2246690  *         *2246700  *         *2246710  *         *2246720  *         *2246730  *         *2246740  *         *2246750  *         *2246760  *
5' t t c t g g c g a a t g c a t g c t g a a g g c g c t g c g t c a c g a a a t c g a c a c a g c a c c a g c a t g t t c t t g t a c a g c a a c t t a a c g c g g 3'
  -     -     -     -     -     -fMet - his - ala - glu - gly - ala - ala - ser - arg - asn - arg - his - ser - thr - ser - met - phe - leu - tyr - ser - asn - leu - thr - arg -
    -     -     -     -     -     -fMet - leu - lys - ala - leu - arg - his - glu - ile - asp - thr - ala - pro - ala - cys - ser - cys - thr - ala - thr -  -     -     -
      -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
... ---------- sd                                                                                                                                <---------- ... NC_000913.yeiE
```





[###> orf 21 codons

```
                                                  {---------------} sd-(8)-ir 2246700 Gap 2.4 bits
                                                  |---------------| sd-ir 2246700 lysP_yeiE+ total 5.2 bits

      *2246770  *
5' c a c a t t t g c g g 3'
  - his - ile - cys -
    -     -     -     -
      -     -fMet - arg -
... --------------------- ... NC_000913.yeiE
```