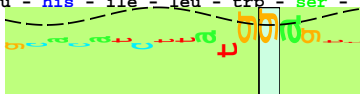


piece 1, NC_000913, ycjW_ycjX+, config: linear, direction: +, begin: 1381956, end: 1382160

```
    *1381960 *        *1381970 *        *1381980 *        *1381990 *        *1382000 *        *1382010 *        *1382020 *        *1382030 *
5'  CCTGGGCAATAATCAATAAGTAGGAGGACATAGGTCAAGGAACTCCGTCCTGAAAGCTGAAATGCTGGACAATCTTATGGAGTTCTGC3'
- pro - gly - asn - ile - ile - asn - ser - arg - gly - his - arg - ser - gly - thr - pro - ser - glu - arg - glu - cys - cys - thr - ser - tyr - gly - val - arg -
- leu - ala - ile - ser - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
- trp - gln - tyr - his - lys - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
```



...-----] NC_000913.ycjW

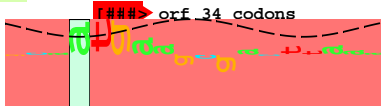
... sd-(14)-ir 1382043 Gap
... sd-ir 1382043 ycjW_ycjX+

```
    *1382040 *        *1382050 *        *1382060 *        *1382070 *        *1382080 *        *1382090 *        *1382100 *        *1382110 *
5'  CGGTGGATGACAAACAGGGCAGTTGATATAATCAATGGCCCTGGCCCCACATTCCATATCCCTTACGGAATGATTTTCTTCTGGGT3'
- arg - ser - met - thr - thr - arg - ala - val - asp - asn - gln - trp - pro - gly - pro - his - ile - his - ile - leu - thr - asn - asp - phe - phe - ser - gly -
- gly - arg - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
- val - asp - asp - asn - thr - gln - ser - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
```



```
    *1382120 *        *1382130 *        *1382140 *        *1382150 *        *1382160
5'  CTTCAAGAGCAGCACAAGGACAGCAATGAAGCGACTTA AAAAATGA3'
- leu - gln - ser - ser - thr - gly - gln - gln - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
- phe - arg - ala - ala - thr - gln - asp - ser - asn - glu - ala - thr - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● - ● -
- fMet - lys - arg - leu - lys - asn -
```

sd [-----] ... NC_000913.ycjX



sd-(7)-ir 1382141 Gap 3.7 bits
sd-ir 1382141 ycjW_ycjX+ total 8.0 bits