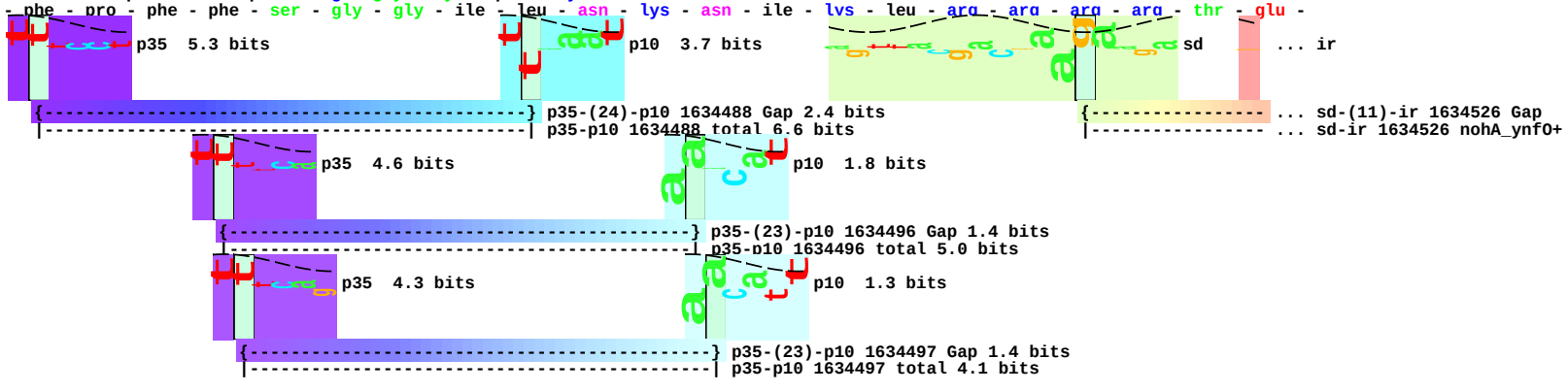
piece 1, NC_000913, nohA_ynfO+, config: linear, direction: +, begin: 1634362, end: 1634799

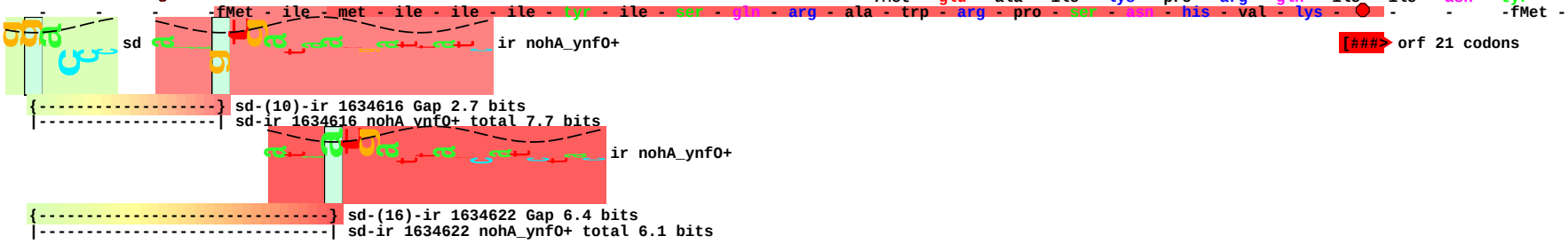
```
         *        *1634370  *        *1634380  *        *1634390  *        *1634400  *        *1634410  *        *1634420  *        *1634430  *        *1634440
5' g t c a g c c a g c t g c t t t t t g t t g a c t t c c a t t g t t c a t t c c a c g g c c a a a a a c a g a g a a a g g a a a c g a c a g a g g c c c a a a a g 3'
  - val - ser - gln - leu - leu - phe - val - asp - phe - his - cys - ser - phe - his - gly - gln - lys - gln - arg - lys - glu - thr - thr - glu - ala - gln - lys -
    - ser - ala - ser - cys - phe - leu - leu - thr - ser - ile - val - his - ser - thr - ala - lys - asn - arg - glu - arg - lys - arg - gln - arg - pro - lys - ser -
      - gln - pro - ala - ala - phe - cys -  -     -     -fMet - phe - ile - pro - arg - pro - lys - thr - glu - lys - gly - asn - asp - arg - gly - pro - lys - ala -
... ----------------------------------------------------------] NC_000913.nohA

      *        *1634450  *        *1634460  *        *1634470  *        *1634480  *        *1634490  *        *1634500  *        *1634510  *        *1634520
5' c t c g t t t t c a g c a c c t g t c g t t t c c t t t c t t t t c a g g g g g t a t t t t a a a t a a a a a c a t t a a g t t a c g a c g a a g a a g a a c g g 3'
  - leu - val - phe - ser - thr - cys - arg - phe - leu - ser - phe - gln - gly - val - phe -  -     -     -     -     -     -     -     -     -     -     -     -     -
    - ser - phe - ser - ala - pro - val - val - ser - phe - leu - phe - arg - gly - tyr - phe - lys -  -     -     -     -     -     -     -     -     -     -     -     -
      - arg - phe - gln - his - leu - ser - phe - pro - phe - phe - ser - gly - gly - ile - leu - asn - lys - asn - ile - lys - leu - arg - arg - arg - arg - thr - glu -
```

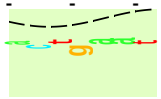


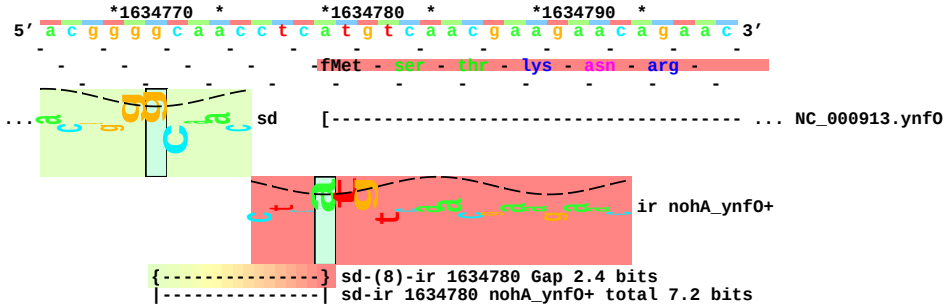

```
   *        *1634530  *        *1634540  *        *1634550  *        *1634560  *        *1634570  *        *1634580  *        *1634590  *        *1634600
5' a a a t g c c t t a a a c c g g a a a a t t t t c a t a a a t a g c g a a a a c c c g c g a g g t c g c c g c c c c g t a a c c t g t c g g a t c a c c g g a a a 3'
  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
      - met - pro -  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
```

```
   *        *1634610  *        *1634620  *        *1634630  *        *1634640  *        *1634650  *        *1634660  *        *1634670  *        *1634680  *
5' g g a c c c g t a a a g t g a t a a t g a t t a t c a t c t a c a t a t c a c a a c g t g c g t g g a g g c c a t c a a a c c a c g t c a a a t a a t c a a t t a 3'
  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
      -     -     -     -     -fMet - ile - met - ile - ile - ile - tyr - ile - ser - gln - arg - ala - trp - arg - pro - ser - asn - his - val - lys -  -     -     -fMet -
```




```
         *1634690  *        *1634700  *        *1634710  *        *1634720  *        *1634730  *        *1634740  *        *1634750  *        *1634760  *
5' t g a c g c a g g t a t c g t a t t a a t t g a t c t g c a t c a a c t t a a c g t a a a a a c a a c t t c a g a c a a t a c a a a t c a g c g a c a c t g a a t 3'
  -  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
    - asp - ala - gly - ile - val - leu - ile - asp - leu - his - gln - leu - asn - val - lys - thr - thr - ser - asp - asn - thr - asn - gln - arg - his -  -     -     -
      - thr - gln - val - ser - tyr -  -fMet - ile - cys - ile - asn - leu - thr -  -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -
```




*1634770 *
*1634780 *
*1634790 *
5' a c g g g g c a a c c t c a t g t c a a c g a a g a a c a g a a c 3'
fMet - ser - thr - lys - asn - arg -
... sd [... NC_000913.ynfO
ir nohA_ynfO+
sd-(8)-ir 1634780 Gap 2.4 bits
sd-ir 1634780 nohA_ynfO+ total 7.2 bits