

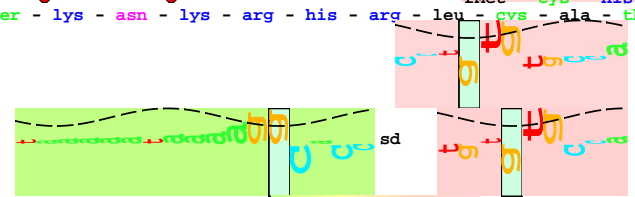
piece 1, NC_000913, hdhA_malI+, config: linear, direction: +, begin: 1696035, end: 1696195

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*1696040 *1696050 *1696060 *1696070 *1696080 *1696090 *1696100 *1696110 *
5' g t c g a g t c t c a g g t t g t c a g a a t t a a a c a c a t a a a c c t c c t g t g a a c t t c a g t a a a a t a a a g g c a c c g c c t g t g t g c c a 3'
- val - glu - ser - gln - val - val - arg - ile - lys - his - ile - asn - leu - leu - fMet - pro -
- ser - ser - leu - arg - leu - ser - glu - leu - asn - thr - fMet - cys - his -
- arg - val - ser - gly - cys - gln - asn - fMet - asn - phe - ser - lys - asn - lys - arg - his - arg - leu - cys - ala - thr -

```

...-----] NC_000913.hdhA



sd-(9)-ir 1696108 Gap 2.3 bits
sd-ir 1696108 hdhA_malI+ total 6.1 bits
sd-(11)-ir 1696110 Gap 3.0 bits
sd-ir 1696110 hdhA_malI+ total 5.6 bits

```

*1696120 *1696130 *1696140 *1696150 *1696160 *1696170 *1696180 *1696190 *
5' c a t t t t t t a t c a t t a a c c t t g a g g a a a g g a c a c t a c c a g g t a t a g c a g a t a a a g a g a g g a t t a t t t c g c t g c a a t g a g c c 3'
- his - phe - leu - ser - leu - thr - leu - arg - lys - gly - his - tyr - gln - val - fMet - ser -
- ile - phe - tyr - his - phe - phe - ile - ile - asn - leu - glu - glu - arg - thr - leu - pro - gly - ile - ala - asp - lys - glu - arg - ile - ile - ser - leu - gln -
- phe - phe - ile - ile - asn - leu - glu - glu - arg - thr - leu - pro - gly - ile - ala - asp - lys - glu - arg - ile - ile - ser - leu - gln -

```

... ir hdhA_malI+



p10 1.8 bits [###] orf 17 codons

<----- ... NC_000913.malI

... ir hdhA_malI+



[###] orf 8 codons

p35 4.8 bits

p35-(24)-p10 1696145 Gap 2.4 bits
p35-p10 1696145 total 4.1 bits