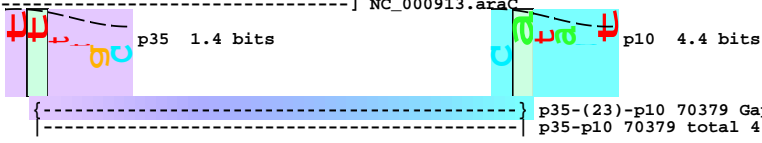
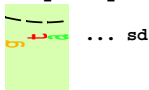


piece 1, NC_000913, araB_araC-, config: linear, direction: -, begin: 70416, end: 70029

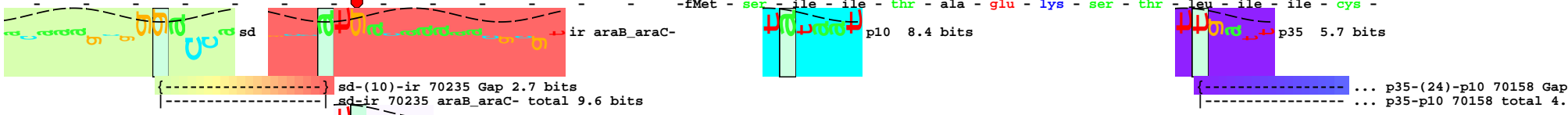
* * * * *
 5' **c a g c a g g g a t c a t t t t t g c g c t t c a g c c a t a c t t t t c a t a c t c c c a c c a t t c a g a g a a g a a c c a a t t g t c c a t a t t g c a t** 3'
 - **gln - gln - gly - ile - ile - leu - arg - phe - ser - his - thr - phe - his - thr - pro - thr - ile - gln - arg - arg - asn - gln - leu - ser - ile - leu - his -**
 - **ser - arg - gly - ser - phe - cys - ala - ser - ala - ile - leu - phe - ile - leu - pro - pro - phe - arg - glu - glu - thr - asn - cys - pro - tyr - cys - ile -**
 - **ala - gly - asp - his - phe - phe - ala - leu - gln - pro - tyr - phe - ser - tyr - ser - his - his - ser - glu - lys - lys - pro - ile - val - his - ile - ala - ser**



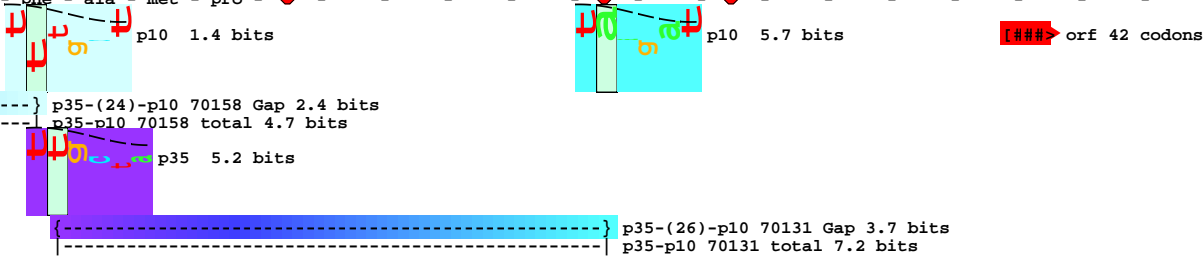
* * * * *
 5' **c a g a c a t t g c c g t c a c t g c g t c t t t t a c t g g c t c t t c t c g c t a a c c c a a c c g g t a a c c c c g c t t a t t a a a a g c a t t c t g t a** 3'
 - **gln - thr - leu - pro - ser - leu - arg - leu - leu - leu - ala - leu - leu - ala - asn - pro - thr - gly - asn - pro - ala - tyr**
 - **arg - his - cys - arg - his - cys - val - phe - thr - trp - leu - phe - ser - leu - thr - gln - pro - val - thr - pro - leu - ile - lys - ser - ile - leu**
 - **asp - ile - ala - val - thr - ala - ser - phe - thr - gly - ser - ser - arg**



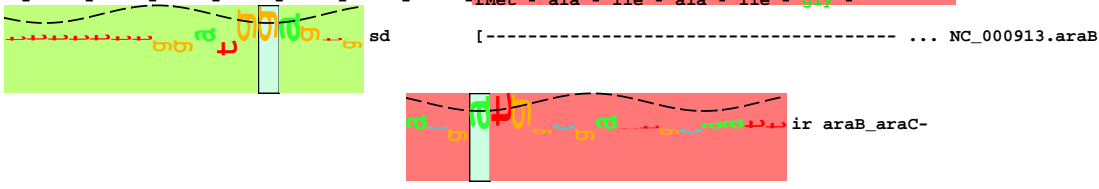
* * * * *
 5' **a c a a a g c g g g a c c a a a g c c a t g a c a a a a a c g c g t a a c a a a a g t g t c t a t a a t c a c g g c a g a a a a g t c c a c a t t g a t t a t t t** 3'
 - **fMet - thr - lys - thr - arg - asn - lys - ser - val - tyr - asn - his - gly - arg - lys - val - his - ile - asp - tyr - leu -**
 - **fMet - ser - ile - ile - thr - ala - glu - lys - ser - thr - leu - ile - ile - cys -**



* * * * *
 5' **g c a c g g c g t c a c a c t t t t g c t a t g c c a t a g c a t t t t t a t c c a t a a g a t t a g c g g a t c c t a c c t g a c g c t t t t t a t c g c a a c t** 3'
 - **fMet - leu - cys - his - ser - ile - phe - ile - his - lys - ile - ser - gly - ser - tyr - leu - thr - leu - phe - ile - ala - thr**
 - **his - gly - val - thr - leu - cys - tyr - ala - ile - ala - phe - leu - ser - ile - arg - leu - ala - asp - pro - thr**
 - **thr - ala - ser - his - phe - ala - met - pro**



* * * * *
 5' **c t t a c t g t t t c t c c a t a c c c g t t t t t t t g g a t g g a g t g a a a c g a t g g c g a t t g c a a t t g g c c t** 3'
 - **leu - tyr - cys - phe - ser - ile - pro - val - phe - leu - asp - gly - val - lys - arg - trp - arg - leu - gln - leu - ala**
 - **fMet - glu**
 - **fMet - ala - ile - ala - ile - gly**



```
{-----} sd-(10)-ir 70048 Gap 2.7 bits  
|-----| sd-ir 70048 araB_araC- total 11.4 bits
```