

piece 1, NC\_000913, metA\_aceB-, config: linear, direction: -, begin: 4213530, end: 4213213

\*4213530 \*      \*4213520 \*      \*4213510 \*      \*4213500 \*      \*4213490 \*      \*4213480 \*      \*4213470 \*      \*4213460 \*      \*4213450 \*

5' **t t c a t c g g t t g t t g c c t g t t c a g t c a t c g t g c a g c t c c t c g t c a t c c g a a a a c t t c c c c a c t g t g a a c g a a g g a** 3'

- phe - ile - gly - cys - cys - cys - leu - phe - ser - his - arg - ala - ala - pro - arg - his - gly - ser - glu - asn - phe - pro - thr - val - val - **asn - glu - gly** -

- ser - ser - val - val - val - ala - cys - ser - val - ile - val - gln - leu - leu - val - met - asp - pro - lys - thr - ser - pro - leu - - -

- his - arg - leu - leu - leu - pro - val - **gln - ser - ser - cys - ser - ser - ser - ser - trp - ile - arg - lys - lys - leu - pro - his - cys - glu - arg - arg - ile** -

-----] NC\_000913.aceB

\*      \*4213440 \*      \*4213430 \*      \*4213420 \*      \*4213410 \*      \*4213400 \*      \*4213390 \*      \*4213380 \*      \*4213370 \*

5' **t c g t t g t g t c t t t c g t t c a g c a c a a c t a a g a c t a c t c a t t t a a a a t g c a a a a t c a a a a c a a t t t t c c a t t t t a a t t a a a** 3'

- ser - leu - cys - ser - phe - arg - ser - ala - **gln - leu - arg - leu - leu - ile** - - - -fMet - **gln - asn - gln - lys - gln** - phe - pro - phe - - - -

- val - val - leu - phe - ser - phe - ser - thr - thr - lys - thr - thr - his - leu - lys - cys - lys - ile - lys - **asn - asn - phe - his - phe - asn** - - - -

-----] p35 5.2 bits

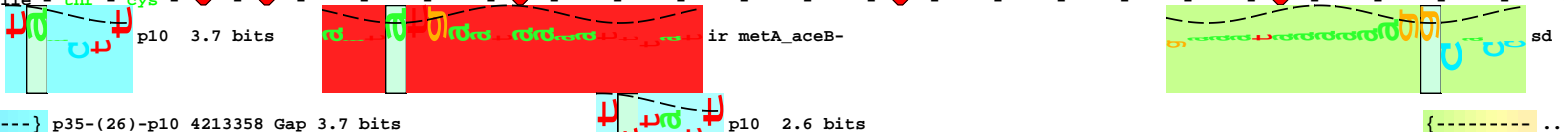


\*      \*4213360 \*      \*4213350 \*      \*4213340 \*      \*4213330 \*      \*4213320 \*      \*4213310 \*      \*4213300 \*      \*4213290 \*

5' **a a t a c t t g a t a a c t t t t c g t t g a t a a c a a t a t g a a t a a a a t t a t t c a c c t g c t g a g g t a c g t t t c g g a a a t a a a a a g g c a c c** 3'

- - - -fMet - ile - thr - cys - leu - ile - thr - ile - - - -fMet - **asn - lys - ile - lys - asn - pro - ala - glu - val - arg - phe - glu - asn - lys - lys - glu - thr** -

- - - -fMet - ile - thr - cys - leu - ile - thr - ile - - - -



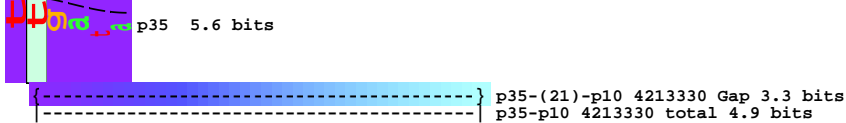
-----] p35-p10 4213358 total 5.2 bits

-----] sd-ir 4213282 metA\_aceB-

sd

sd-(9)-ir 4213341 Gap 2.3 bits

sd-ir 4213341 metA\_aceB- total 11.9 bits



\*      \*4213280 \*      \*4213270 \*      \*4213260 \*      \*4213250 \*      \*4213240 \*      \*4213230 \*      \*4213220 \*

5' **c g a a g g t g c c t g a g g t a a g g t g c t g a a t c g c t t a a c g a t c a c a g a a g a t t a a t c c a g c g t t g g a t t c a** 3'

- **arg - arg - cys - leu - arg** - - - -fMet - leu - **asn - arg - leu - thr - ile - asp - tyr - his - arg - arg - leu - ile - gln - arg - trp - ile** -

- - - -fMet - pro - glu - val - arg - cys - - - -fMet - asp - ser -

