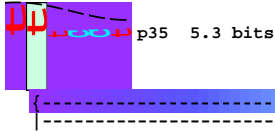
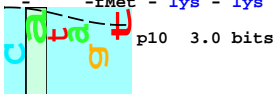


piece 1, NC\_000913, araE\_TERM47+, config: linear, direction: +, begin: 2980175, end: 2980491

\*2980180 \* \*2980190 \* \*2980200 \* \*2980210 \* \*2980220 \* \*2980230 \* \*2980240 \* \*2980250 \*

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

- lys - ala - asp - ser - val - leu - ile - val - thr - ile - phe - ser - cys - gln - gln - arg - val - arg - his - ser - glu - lys - lys - ile - arg - glu - gln - leu -  
 - lys - gln - ile - pro - tyr -

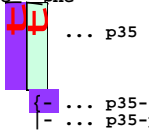


p35-(23)-p10 2980231 Gap 1.4 bits  
 p35-p10 2980231 total 6.9 bits

\*2980260 \* \*2980270 \* \*2980280 \* \*2980290 \* \*2980300 \* \*2980310 \* \*2980320 \* \*2980330 \*

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

- thr - gln - val - ser - gly - arg - lys - gln - his - lys - tyr - gly - leu - asn - cys - cys - asp - met - val - val - met -  
 - arg - arg - cys - gln - val - gly - asn - ser - ile - asn - met - asp - - - - - fMet - lys - lys - tyr - ser - asn - phe -

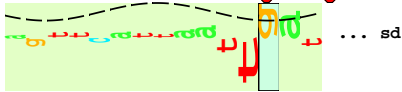
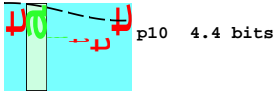
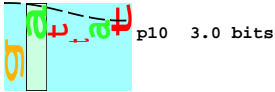
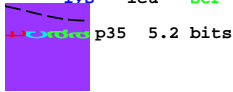


p35-(24)-p10 2980360 Gap  
 p35-p10 2980360 total 5.8

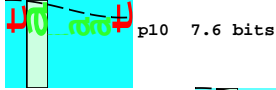
\*2980340 \* \*2980350 \* \*2980360 \* \*2980370 \* \*2980380 \* \*2980390 \* \*2980400 \* \*2980410 \*

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

- gln - ile - lys - leu - ser - asn - tyr - fMet - arg - leu - leu - leu - thr - thr - - - - - fMet - ile -

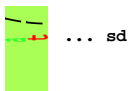
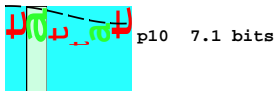
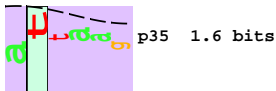


p35-(24)-p10 2980360 Gap 2.4 bits



sd-(10)-ir 2980425 Gap

p35-p10 2980360 total 5.8 bits p35 3.2 bits p10 5.1 bits sd-ir 2980425 araE\_TERM47



p35-(21)-p10 2980363 Gap 3.3 bits  
 p35-p10 2980363 total 5.3 bits

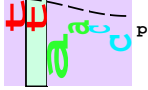
p35-(21)-p10 2980401 Gap 3.3 bits

p35-(26)-p10 2980422 Gap

p35 4.6 bits p35-(24)-p10 2980392 Gap 2.4 bits

p35-(21)-p10 2980377 Gap 3.3 bits  
 p35-p10 2980377 total 5.7 bits

p35-p10 2980422 total 4.8  
 p35-(23)-p10 2980437 Gap



p35-p10 2980401 total 5.0 bits

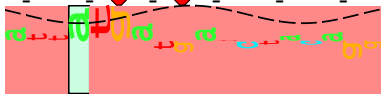
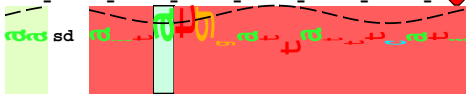
p35-p10 2980392 total 6.4 bits

p35-p10 2980437 total 5.4

\*2980420 \* \*2980430 \* \*2980440 \* \*2980450 \* \*2980460 \* \*2980470 \* \*2980480 \* \*2980490 \*

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

- ile - asn - met - asp - tyr - phe - ile - thr - met - ile - trp - ile - met - met - ile - tyr - arg - tyr - lys - lys - pro - cys - his - ala -  
 - - - - - fMet - arg -



ir araE\_TERM47+

