

piece 1, NC_000913, metA_aceB+, config: linear, direction: +, begin: 4213203, end: 4213520

5' ^{*} c t a c g g c a c a t g a a t c c a a c g c t g g a t t a a t c t t c t g t g a t a g t c g a t c g t t a a g c g a t t c a g c a c c t t a c c t c a g g c a c c 3'

- leu - arg - his - met - asn - pro - thr - leu - asp - fMet - ile - val - asp - arg - leu - ser - asp - ser - ala - pro - tyr - leu - arg - his - leu -

- thr - gly - thr - ala - his - glu - ser - asn - ala - gly - leu - ile - phe - cys - asp - ser - arg - ser - leu - ser - asp - ser - ala - pro - tyr - leu - arg - his - leu -

5' ^{*} t t c g g g t g c c t t t t t a t t t c c g a a a c g t a c c t c a g c a g g t g a a t a a a t t t t a t t c a t t g t t a t c a a c a a g t t a t c a a g 3'

- arg - val - pro - phe - leu - phe - pro - lys - arg - thr - ser - ala - gly - glu - fMet - leu - ser - thr - ser - tyr - gln - val - ile - lys -

- arg - val - pro - phe - leu - phe - pro - lys - arg - thr - ser - ala - gly - glu - fMet - leu - ser - thr - ser - tyr - gln - val -



p35 4.7 bits {- ... sd-(15)-ir 4213379 Gap

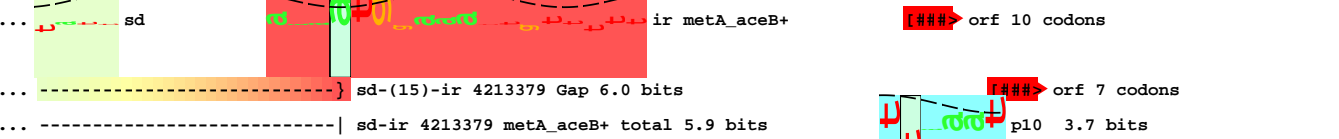


sd-ir 4213379 metA_aceB+
p35-(22)-p10 4213366 Gap
p35-p10 4213366 total 7.5
p35-(26)-p10 4213370 Gap
p35-p10 4213370 total 5.5

5' ^{*} t a t t t t t a a t t a a a a t g g a a a t t g t t t t g c a t t t t a a a t g a g t a g t c t t a g t t g t g c t g a a c g a a a g a g c a c a 3'

- tyr - phe - fMet - phe - leu - ile - leu - his - phe - lys - fMet - ser - ser - leu - ser - cys - ala - glu - arg - lys - glu - his - asn -

- phe - leu - ile - lys - met - glu - ile - val - phe - asp - phe - ala - phe - fMet - ser - ser - leu - ser - cys - ala - glu - arg - lys - glu - his - asn -



p35-(22)-p10 4213366 Gap 2.3 bits

ir metA_aceB+ p10 4.1 bits

p35-p10 4213366 total 7.5 bits

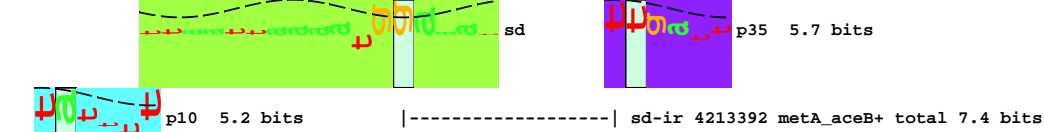
sd-(10)-ir 4213392 Gap 2.7 bits

p35-(26)-p10 4213370 Gap 3.7 bits

p10 2.5 bits

p35-p10 4213370 total 5.5 bits

p10 0.8 bits



p10 4.5 bits

p35-(22)-p10 4213415 Gap 2.3 bits

p35 5.7 bits

p35-p10 4213415 total 7.5 bits

p35-(22)-p10 4213392 Gap 2.3 bits

-----| p35-p10 4213392 total 5.9 bits
 -----| p35-(23)-p10 4213393 Gap 1.4 bits
 -----| p35-p10 4213393 total 5.0 bits

sd p35 4.3 bits

-----| p35-(25)-p10 4213406 Gap 4.0 bits
 -----| p35-p10 4213406 total 4.0 bits

*4213450 * *4213460 * *4213470 * *4213480 * *4213490 * *4213500 * *4213510 * *4213520
 5' a c g a t c c t t c g t t c a c a g t g g g g a a g t t t t c g g a t c c a t g a c g a g g a g c t g c a c g a t g a c t g a a c a g g c a a c a a c 3'
 - thr - ile - leu - arg - ser - gln - trp - gly - ser - phe - arg - ile - his - asp - glu - glu - leu - his - asp - asp - met - thr - glu - gln - ala - thr -
 - asp - pro - ser - phe - thr - val - gly - lys - phe - ser - asp - pro - fMet - thr - arg - ser - cys - thr -



sd (10)-ir 4213501 Gap 2.7 bits
 sd-ir 4213501 metA_aceB+ total 12.2 bits

----- ... NC_000913.aceB

ir metA_aceB+