

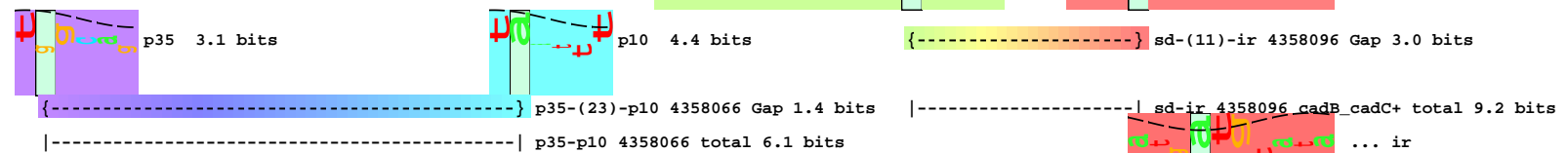
piece 1, NC_000913, cadB_cadC+, config: linear, direction: +, begin: 4358025, end: 4358438

5' ^{*4358030 *} a a a t a g c c c g a t c t t c t t g g c a g a a c t c a t g c t c t t c t c c t a a t t t c a t t t t t g a a t t t g g a g t c c g g g t c a t g a t g t a t a 3'

lys - ser - pro - ile - phe - leu - ala - glu - leu - met - leu - phe - ser - fMet - asn - leu - glu - ser - gly - ser - met - met - lys

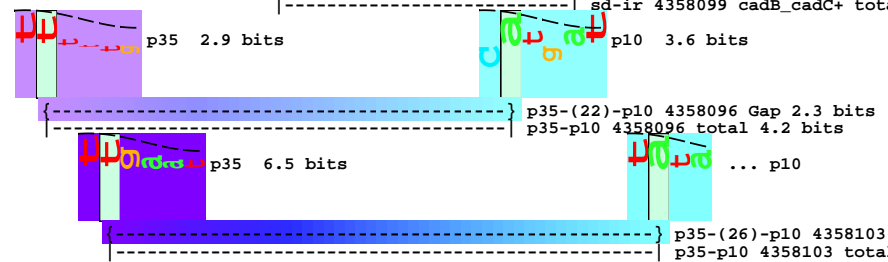
ile - ala - arg - ser - ser - trp - gln - asn - ser - cys - ser - ser - pro - asn - phe - ile - phe - glu - phe - gly - val - arg - val - met - met - lys

...] NC_000913.cadB



{-----} sd-(14)-ir 4358099 Gap 4.9 bits

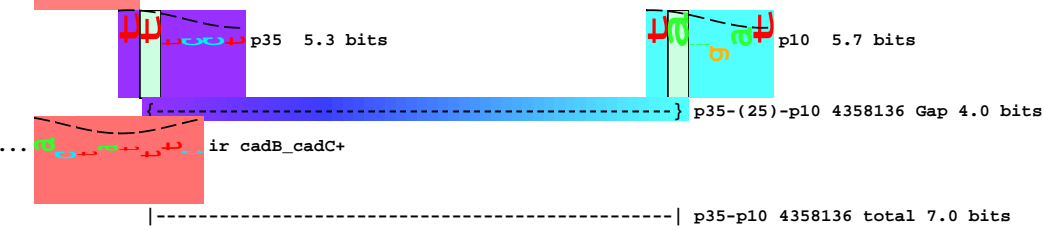
sd-ir 4358099 cadB_cadC+ total 8.1 bits



5' ^{*4358110 *} a c t a t t t c c t g a c c a g a c c a a a c t g g c g a t a a g a t t a c t c a c g a a a a a a g g a t t a a t c c t a a a g a t t a g g t g a a a t a a c a c 3'

tyr - phe - leu - thr - arg - pro - ~~asn~~ - trp - arg - fMet - lys

... ir cadB_cadC+ [###] orf 14 codons



... p10 4.1 bits

5' ^{*4358190 *} a a a a g t t t c t g t a a g t g a g a a c t t g a g g t t t t t a t t a a c a c a t c a g g a t c g c a a g t t g a t a t c a t g a a a g a t a a a c a t t 3'

-fMet - arg - thr -fMet - arg - phe - phe - ile - asn - thr - ser - gly - ser - gln - val - asp - ile - met - lys - arg -fMet - ile - ser



- 2 -
p35 2.7 bits p10 6.3 bits [###] orf 4 codons

sd-(17)-ir 4358251 Gap 6.5 bits
sd-ir 4358251 cadB_cadC+ total 10.3 bits

sd ... ir

p35 5.6 bits {-----} ... sd-(12)-ir 4358270 Gap

sd-ir 4358270 cadB_cadC+

{-----} p35-(25)-p10 4358248 Gap 4.0 bits ... p10

|-----| p35-p10 4358248 total 5.0 bits ... p35

{-----} p35-(23)-p10 4358267 Gap 1.4 bits
p35-p10 4358267 total 8.6 bits

{-----} ... p35-(25)-p10 4358269 Gap
{-----} ... p35-p10 4358269 total 5.4

p35 3.3 bits {-} ... p35-(24)-p10 4358291 Gap

{-----} ... p35-(24)-p10 4358276 Gap
{-----} ... p35-p10 4358276 total 7.8

{-----} ... p35-p10 4358291 total 4.2
{-} ... p35-(26)-p10 4358293 Gap
{-} ... p35-p10 4358293 total 5.0

*4358270 * *4358280 * *4358290 * *4358300 * *4358310 * *4358320 * *4358330 * *4358340 *
5' taatggtttacaatggattgctgacattctcttggttaaatttatgtaataaaaattatgctggcacaataaaattgctcgcaaca 3'

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

-fMet - phe - thr - met - asp - cys - val - thr - phe - ser - gly - fMet - arg - gln - ile - arg - asn - ile -

p10 3.8 bits p10 1.0 bits [###] orf 12 codons [###] orf 2 codons ... ir

p10 6.9 bits p10 3.1 bits ir cadB_cadC+ p10 5.7 bits

sd ir cadB_cadC+

p35 3.6 bits {-----} sd-(9)-ir 4358310 Gap 2.3 bits {-----} sd-(9)-ir 4358338 Gap 2.3 bits

ir cadB_cadC+ |-----| sd-ir 4358310 cadB_cadC+ total 9.5 bits

{-----} sd-(12)-ir 4358270 Gap 4.0 bits sd-ir 4358338 cadB_cadC+ total 5.0 bits

sd-ir 4358270 cadB_cadC+ total 8.3 bits {-----} sd-(12)-ir 4358324 Gap 4.0 bits

p10 4.5 bits |-----| sd-ir 4358324 cadB_cadC+ total 5.0 bits

