

piece 1, NC_000913, ydaY_ynaA+, config: linear, direction: +, begin: 1424077, end: 1424497

*1424080 * *1424090 * *1424100 * *1424110 * *1424120 * *1424130 * *1424140 * *1424150 *

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

- gly - cys - his - arg - tyr - arg - asn - gln - lys - fMet - pro - gly - ala - fMet - val - ile - ser - arg - ala - arg -

- val - ala - thr - asp - thr - gly - thr - arg - pro - gly - ala - fMet - val - ile - ser - val - ile - ser - arg - ala - arg -

- leu - pro - pro - ile - pro - glu - pro - glu - ile - asp - pro - val - leu - lys - glu - leu - leu - tyr - ala - tyr - ser - val - ile - ser - arg - ala - arg -

*1424160 * *1424170 * *1424180 * *1424190 * *1424200 * *1424210 * *1424220 * *1424230 *

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

- asp - val - met - leu - glu - trp - leu - gly - cys - leu - cys - leu - tyr - leu - fMet - asp - ile - fMet - val - ile - ser - arg - ala - arg -

- arg - tyr - ala - gly - met - ala - gly - val - pro - leu - pro - leu - ser - leu - thr - glu - ile - asp - glu - tyr - leu - ala - thr - his - pro - val - leu -



p35 3.3 bits {-----} sd-(7)-ir 1424212 Gap 3.7 bits

sd-ir 1424212 ydaY_ynaA+ total 6.9 bits

p10 0.7 bits

p35-(22)-p10 1424210 Gap 2.3 bits
p35-p10 1424210 total 4.5 bits

p10 2.7 bits

p35-(23)-p10 1424216 Gap 1.4 bits
p35-p10 1424216 total 4.6 bits

*1424240 * *1424250 * *1424260 * *1424270 * *1424280 * *1424290 * *1424300 * *1424310 *

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

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

- ile - glu - arg - asp - glu - phe - glu - ala - val - ile - phe - ala - leu - asp - asp - gln - tyr - phe - gln - glu - gln - fMet - cys - val - val - val - asn -

- fMet - val - ile - ser - arg - ala - arg - fMet - val - ile - ser - val - ile - ser - arg - ala - arg - fMet - val - ile - ser - arg - ala - arg -



sd-(5)-ir 1424303 Gap 5.4 bits
sd-ir 1424303 ydaY_ynaA+ total 5.8 bits

sd-(7)-ir 1424305 Gap 3.7 bits
sd-ir 1424305 ydaY_ynaA+ total 5.1 bits

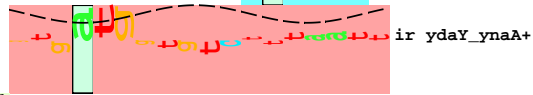
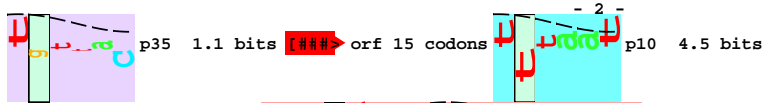
sd-(9)-ir 1424307 Gap 2.3 bits
sd-ir 1424307 ydaY_ynaA+ total 7.5 bits

*1424320 * *1424330 * *1424340 * *1424350 * *1424360 * *1424370 * *1424380 * *1424390 * *1424400 *

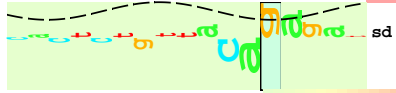
5' t t a c g t a c a c t c t g t t a c a g a g a t g t g a t g g t g t c t t t a a t t a a a t c g a t g a t g c t c c t g g a g a a a a g c a t t g c g t g g c c t 3'

- thr - val - his - ser - val - thr - glu - met - fMet - met - val - ser - leu - ile - lys - ser - met - met - leu - leu - glu - lys - ser - ile - ala - trp - pro -

- thr - tyr - thr - leu - leu - gln - arg - cys - asp - gly - val - phe - asn - fMet - arg - gly - leu - fMet - ala - ser -



{-----} ... p35-(21)-p10 1424417 Gap



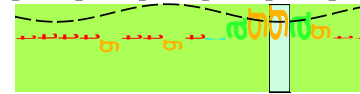
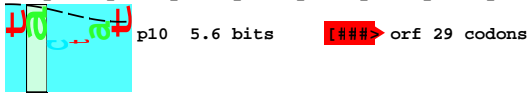
|-----} ... p35-p10 1424417 total 6.4

{-----} sd-(8)-ir 1424347 Gap 2.4 bits
 {-----} sd-ir 1424347 ydaY_ynaA+ total 5.1 bits
 {-----} p35-(23)-p10 1424356 Gap 1.4 bits
 {-----} p35-p10 1424356 total 4.2 bits

{-----} ... p35-(24)-p10 1424420 Gap
 {-----} ... p35-p10 1424420 total 8.7

... ir ydaY_ynaA+

5' *1424410 *1424420 *1424430 *1424440 *1424450 *1424460 *1424470 *1424480
 - arg - asn - arg - tyr - ile - tyr - tyr - val - ala - glu - thr - his - phe - ala - val - gly - phe - leu - leu - ser - gly - val - leu - ile - asn - gly -
 - val - ile - ala - ile - ser - thr - ile - met - ser - pro - glu - thr - his - phe - ala - val - gly - phe - leu - leu - ser - gly - val - leu - ile - Met - ala -



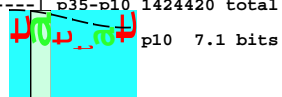
[-----} ... NC_000913.ynaA

{-----} p35-(21)-p10 1424417 Gap 3.3 bits



|-----} p35-p10 1424417 total 6.4 bits
 {-----} p35-(24)-p10 1424420 Gap 2.4 bits
 {-----} p35-p10 1424420 total 8.7 bits

{-----} sd-(12)-ir 1424478 Gap 4.0 bits
 {-----} sd-ir 1424478 ydaY_ynaA+ total 11.6



5' *1424490 *
 - arg - ala - asn - leu - ala -
 - glu - gln - thr - ser -

... NC_000913.ynaA

