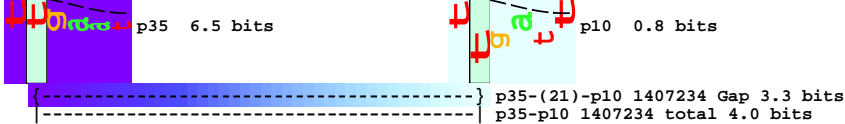


piece 1, NC\_000913, ydaN\_dbpA+, config: linear, direction: +, begin: 1407028, end: 1407554

5' **\*1407030 \*** t t a t g g t t g c a t c g t a g t a a a t g g t t g t a a c a a a g c a a t t t t t c c g g c t g t c t g t a t a c a a a a c g c c g c a a a g t t t g a g 3'  
 - leu - trp - leu - his - arg - ser - lys - trp - leu - **●**  
 - tyr - gly - cys - ile - val - val - **asn** - gly - cys - **asn** - lys - ser - **asn** - phe - ser - gly - cys - leu - tyr - thr - lys - thr - pro - **gln** - ser - leu - ser -  
 - met - val - ala - ser - **●** -fMet - val - val - thr - lys - ala - ile - phe - pro - ala - val - cys - ile - **gln** - lys - arg - arg - lys - val - **●**

5' **\*1407110 \*** c g a a g t c a a t a a a c t c t c t a c c c a t t c a g g g c a a t a t c t c t c t t t g c a g g t g a a a t g c a a c g t c a a g c g a t g g g c g t t g c g c t 3'  
 - glu - val - **asn** - lys - leu - ser - thr - his - ser - gly - **gln** - tyr - leu - ser - cys - arg - **●** -fMet - **gln** - arg - **gln** - ala - met - gly - val - ala - leu -  
 - **gln** - val - **●** -fMet - arg - ser

5' **\*1407190 \*** c c a t a t t g t c t t a c t t c c t t t t t t g a a t t a c t g c a t a g c a c a a a t t g a t t c g t a c g a c g c c g a c t t t g a t g a g t c g g c t t t t 3'  
 - pro - tyr - cys - leu - thr - ser - phe - phe - **gln** - leu - leu - his - ser - thr - ile - **asp** - ser - tyr - **asp** - ala - **asp** - phe - **asp** - **gln** - ser - ala - phe -  
 - his - ile - val - leu - leu - pro - phe - leu - **asn** - tyr - cys - ile - ala - **gln** - leu - ile - arg - thr - thr - pro - thr - leu - met - ser - arg - leu - phe -  
 - ile - leu - ser - tyr - phe - leu - phe - **●**



5' **\*1407280 \*** t t t t g c c t g t t a t t t a t c a g c g t c t a c c c t t t a a g a g t c c a c c c a a t g a c c a g a g g g a a a t a t g a c g a c a c t t a t t t a t t t 3'  
 - phe - cys - leu - leu - phe - ile - ser - val - tyr - pro - leu - arg - val - his - pro - met - thr - arg - gly - lys - tyr - **asp** - **asp** - thr - tyr - leu - phe -  
 - phe - ala - cys - tyr - leu - ser - ala - ser - thr - leu - **●** -fMet - thr - thr - leu - ile - tyr - leu -  
 -fMet - pro - val - ile - tyr - **gln** - arg - leu - pro - phe - lys - ser - pro - pro - **asn** - **asp** - **gln** - arg - **gln** - ile - **●**

5' **\*1407290 \*** p35 6.2 bits **\*1407310 \*** p10 3.8 bits **\*1407330 \*** ir ydaN\_dbpA+ **\*1407340 \***

{-----} p35-(22)-p10 1407296 Gap 2.3 bits {-----} sd  
 |-----| p35-p10 1407296 total 7.6 bits {-----} sd-(5)-ir 1407332 Gap 5.4 bits  
 |-----| sd-ir 1407332 ydaN\_dbpA+ total 11.1 bits

5' **\*1407360 \*** g c a a a t t c c t g t c c c t g a a c c g a t t c c t g g c g a t c c t g t t c a g t g c c c g a t c c g a t c c c c g c c a a c c c a t g c c t g a 3'  
 - ala - **asn** - ser - cys - pro - **●**  
 - **gln** - ile - pro - val - pro - **gln** - pro - ile - pro - **gln** - **asp** - pro - val - pro - val - pro - **asp** - pro - ile - pro - arg - pro - **gln** - pro - met - pro - **asp** -

5' **\*1407440 \*** c c c a c c a c c c g a t g a a g a a c c g a t t a a a t t g t c g c a t c g t g a g c g t a g a t c t c g a g g a t a c g c g c c t g c t a a c t t t g c g t 3'  
 - pro - pro - pro - **asp** - **gln** - **gln** - pro - ile - lys - leu - **asn** - his - arg - **gln** - arg - arg - **asn** - ala - arg - ile - arg - ala - cys - **●** -fMet - arg -  
 - **gln** - val - **●** -fMet - lys - **asn** - arg - leu - **asn** - cys - arg - ile - val - ser - val - **asp** - leu - arg - gly - tyr - ala - pro - ala - **asn** - phe - ala - ser -  
 - **gln** - val - **●** orf\_58\_codons

{-----} p35 4.4 bits  
 {-----} ... p35-(21)-p10 1407530 Gap  
 {-----} ... p35-p10 1407530 total 5.7

5' **\*1407520 \*** c g a t g a c c a c g a g a a t a g a t t g t g a c c g c t t t t t c t a c c c t 3'  
 - arg - **●**  
 - met - thr - thr - arg - ile - **asp** - cys - **asp** - arg - phe - phe - tyr - pro -  
 - **gln** - val - **●** p10 4.7 bits  
 {-----} p35-(21)-p10 1407530 Gap 3.3 bits  
 {-----} p35-p10 1407530 total 5.7 bits

... NC\_000913.dbpA