

piece 1, NC\_000913, gntP\_uxuA-, config: linear, direction: -, begin: 4549688, end: 4549300

\*4549680 \*4549670 \*4549660 \*4549650 \*4549640 \*4549630 \*4549620 \*4549610

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

- trp - ala - val - pro - ala - pro - gly - leu - phe - his - asp - phe - ser - ser - phe - thr - fMet - ser - gly - phe - his - ser - lys - glu - thr - arg - asn - pro -

- gly - pro - tyr - gln - arg - gln - val - cys - ser - met - ile - phe - pro - leu - ser - his - ser - gly - phe - his - ser - lys - glu - thr - arg - arg - gly - thr - leu -

- gly - arg - thr - ser - ala - arg - ser - val - pro - fMet - gly - ser - thr - ala - lys - arg - arg - gly - thr - leu -

NC\_000913.uxuA

\*4549600 \*4549590 \*4549580 \*4549570 \*4549560 \*4549550 \*4549540 \*4549530

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

- gly - val - val - fMet - asn - asn - gln - thr - ala - ala - val - ala - leu - his - arg - met - arg - trp - arg - ile - ser - ser - thr -

- glu - leu - phe - arg - tyr - pro - asp - glu - gln - pro - asp - arg - ser - arg - gly - val - ala - ser - asp - glu - met - ala - tyr - lys - phe - tyr - leu -

ir gntP\_uxuA- p35 6.2 bits p10 3.8 bits



\*4549520 \*4549510 \*4549500 \*4549490 \*4549480 \*4549470 \*4549460 \*4549450

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

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

- leu - val - arg - his - val - asn - pro - asn - ser - glu - ile - gly - fMet - val - val - ala - ala - asn -

###> orf 23 codons p35 3.8 bits ... p10



\*4549440 \*4549430 \*4549420 \*4549410 \*4549400 \*4549390 \*4549380 \*4549370

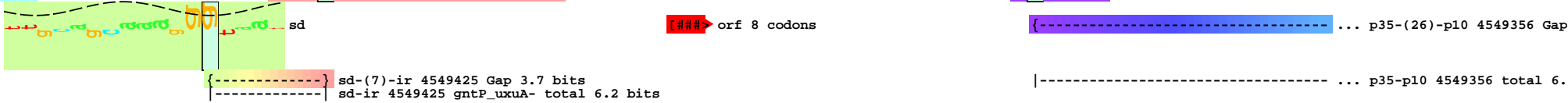
5' a t t g c a g c a a a g g g t a a t c g a t g g t t a t t g a t c a g a g g a t g t g a c a t t c a c a a c a a t g g t t g a c c a a t t t a c a t a a c a 3'

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

- fMet - gln - gln - arg - val - ile - asp - gly - tyr - fMet - thr - phe - ile - ala - thr - met - val - asp - gln - phe - thr - fMet - thr - asn - leu - his - asn - ile -

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

p10 2.8 bits ir gntP\_uxuA- p35 5.0 bits



\*4549360 \*4549350 \*4549340 \*4549330 \*4549320 \*4549310 \*4549300

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

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

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

p10 4.7 bits sd ... NC\_000913.gntP

