

###>orf 7 codons

{-----} sd-(10)-ir 3316405 Gap 2.7 bits

p10 4.7 bits |-----| sd-ir 3316405 metY_argG- total 7.3 bits

... p35 2.6 bits

p35 6.4 bits

p10 2.8 bits

... p35-(21)-p10 3316428 Gap 3.3 bits

p10 8.4 bits

p35-p10 3316428 total 4.0 bits

p35-(21)-p10 3316411 Gap 3.3 bits

p35-p10 3316411 total 5.9 bits

p35-(24)-p10 3316408 Gap 2.4 bits

p35-p10 3316408 total 12.4 bits

*3316360 * *3316350 * *3316340 * *3316330 * *3316320 * *3316310 * *3316300 *

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

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

- ser - ser - ile - cys - ile - phe - tyr - pro - lys - arg - val - glu - phe - ala - thr - phe - gln - ala - arg - gly - gly - ala - ala - trp -

- fMet - pro - arg - phe - arg - arg - gly - val - glu - gln - pro -

p35 6.2 bits

p10 6.6 bits

p35-(23)-p10 3316331 Gap 1.4 bits

p35-p10 3316331 total 11.3 bits