

piece 1, NC_000913, treA_REPT107+, config: linear, direction: +, begin: 1246570, end: 1246900

*1246570 * *1246580 * *1246590 * *1246600 * *1246610 * *1246620 * *1246630 * *1246640 * *1246650

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

- leu - arg - ala - arg - arg - cys - gly - gly - phe - his - gln - ser - phe - ser - phe - gly - glu - thr - glu -

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

- ala - gly - glu - lys - val - arg - gly - ile - ser - ser - ile - ile - leu - leu - trp - arg - asn - arg - ile - lys - thr - arg - tyr - ser - ser - ile - arg - lys -

-----] NC_000913.treA

*1246660 * *1246670 * *1246680 * *1246690 * *1246700 * *1246710 * *1246720 * *1246730

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

- thr - leu - val - gln - asp - arg - thr - ser - cys - met - ile - glu - ile - ser - phe - cys - glu - leu - ser - gly - ile - leu - glu - lys - gly - ile - lys -

- pro -

sd-(15)-ir 1246679 Gap 6.0 bits
sd-ir 1246679 treA_REPT107+ total 5.4 bits

*1246740 * *1246750 * *1246760 * *1246770 * *1246780 * *1246790 * *1246800 * *1246810

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

-fMet - ile - lys -

- gly - ile - asn - asn - gly - glu - ile - glu -

-fMet - gly - ser -

-fMet - ile - ser - glu -

sd-(10)-ir 1246756 Gap 2.7 bits
sd-ir 1246756 treA_REPT107+ total 6.4 bits

orfs 27 codons

*1246820 * *1246830 * *1246840 * *1246850 * *1246860 * *1246870 * *1246880 * *1246890

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

-fMet - val - lys - asn - ile - thr - gly - ser -

-fMet - leu - ser - lys - leu - pro - asp - asp - ile -

- glu - lys - ser - ser -

-fMet - thr - ser -

p35 2.7 bits p10 5.7 bits

p35-(21)-p10 1246876 Gap 3.3 bits
p35-p10 1246876 total 5.1 bits

*1246900

5' a g a a c g a 3'

- arg - thr -

- glu - arg -