

Additional file 7 — Sequence conservation of nematode tDNA-Ala.



Supplemental Figure: Neighbor-joining tree of all Alanine tRNA genes in Nematodes. Each color marks a set of sequences with the same anticodon that are located in syntenic regions (see section “Synteny”). *-The sequences marked with an asterisk are additionally defined as syntenic. Most of them are identically conserved within *Caenorhabditis*, only cel_Ala_AGC-8 (blue) has acquired several mutations and probably is in the process of losing its function. In addition to the genomes included in the survey, this figure also uses data from *Pristionchus pacificus* (ppa), *Meloidogyne hapla* (mha), and *Meloidogyne incognita* (min).