



Figure 4. Epigenetic inheritance and experimental rescue of macronuclear *A* gene deletions. (A) Wild-type strain. (B) The d48 strain lacks the *A* gene in its macronucleus, but has a wild-type micronucleus. The *A* gene is reproducibly deleted during macronuclear development in each generation. (C) Transformation of the d48 strain macronucleus with *A* gene sequences restores amplification of the germline *A* gene in the developing macronucleus of sexual progeny.