



FIGURE S3.—Segregants of the BY x RM cross all have identical mtDNA, which is a recombinant version of the BY and RM mtDNAs. mtDNA was isolated from the two parents – BY4716 & RM11-1a, as well as from 8 segregants from the BY x RM cross whose median *petite* frequencies varied within a large range (indicated as a white number at the top of the lane). The mtDNA was digested with *EcoRV* and run out on a 0.6% agarose gel. Lanes 1 and 12 contain DNA size markers. Lane 2 and 3 contain the digested mtDNA of the RM11-1a and BY4716 parent, respectively. Lanes 4 through 11 contain the digested mtDNA of the 8 segregants.