The structure of the rog-1 gene. (A) ROG-1 is encoded by two similar cDNAs of either 1800 or 1809 bp, differing by a minor splicing difference at the exon 5 splice acceptor, marked by an asterisk. The rog-1 gene contains nine exons covering approximately 6 kb of genomic sequence (top). The 3’ ends of our rog-1 clones differ from the cDNA reported by MATSUBARA et al. 2007, which terminates after six exons (bottom). (B) The tm1031 deletion is predicted to truncate ROG-1 in the middle of the PTB domain (shown in black), after 83 amino acids. Four novel amino acids are inserted before a premature stop codon.