Caption:   
Recapitulation of human xanthinuria type 1 by rosy mutants. (a) Wild-type tubule; (b) tubule from adult ry2 homozygous fly. Both micrographs are at the same magnification, and the diameter of the wild-type tubule can be taken as 35 μm.

Question: What is the genotype of the fly with the abnormal tubule?   
   
A: ry1 homozygous   
B: ry2 homozygous   
C: ry1 heterozygous   
D: ry2 heterozygous

Answer: B: ry2 homozygous