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 condition that is being recapitulated in the rosy mutants?   
   
A: Hyperglycemia   
B: Xanthinuria type 2   
C: Xanthinuria type 1   
D: Hypoglycemia

Answer: C: Xanthinuria type 1