

# GENOTYPE

ALSM1(NM\_015120.4)  
[c.10775delC] + [-]

B6.Cg-Alms1<sup>foz/fox</sup>/J

kcnj11<sup>c14/c14</sup>; insr<sup>t143/+</sup>(AB)



obesity,  
diabetes mellitus,  
insulin resistance

increased food intake,  
hyperglycemia,  
insulin resistance

increased weight,  
adipose tissue volume,  
glucose homeostasis altered

# PHENOTYPE