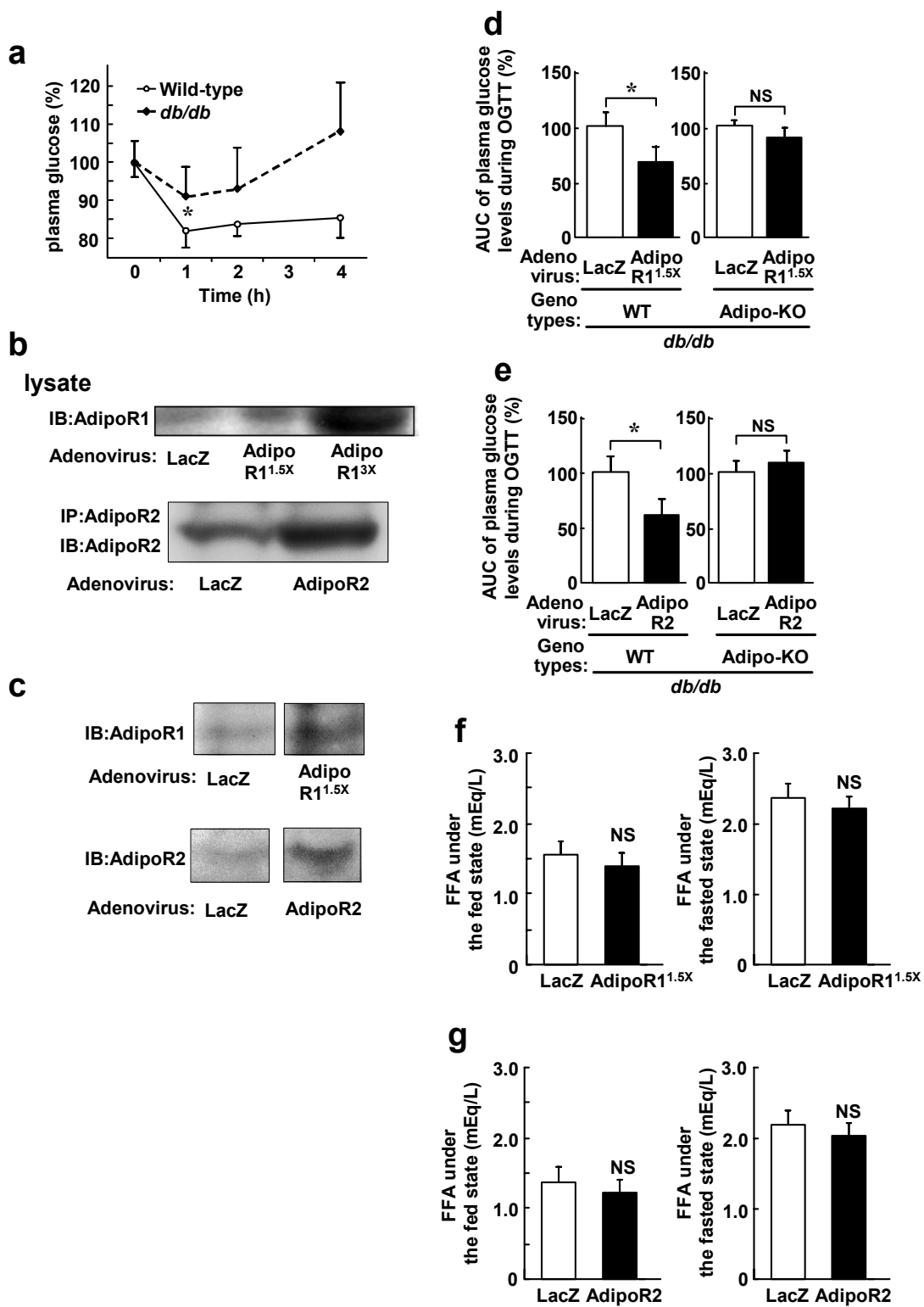


Supplementary Figure 1



Supplementary Figure 1 | Adenovirus-mediated expression of AdipoR1 or AdipoR2 in the liver of *db/db* mice.

a-g, plasma glucose during adiponectin sensitivity test (30 μ g/10g body weight) (**a**), amounts of AdipoR1 (**b,c top**) or AdipoR2 (**b,c bottom**) protein in liver lysates (**b**) or liver membrane fractions (**c**), area under the glucose curves (AUC) during the oral glucose tolerance test (OGTT) (**d,e**), serum free fatty acid (FFA) levels (**f,g**) under the fed state (**f,g left**) or fasted state (**f,g right**), from wild-type (WT) (**a-g**) or adiponectin knockout (Adipo-KO) (**d,e**) wild-type (**a**) or *db/db* mice (**b-g**) infected with an adenovirus expressing LacZ or AdipoR1^{1.5X} or AdipoR2 at a concentration of 1×10^8 plaque-forming units (pfu) per gram of body weight. The results are expressed as the percent of the value of adenoviruses expressing LacZ-infected mice (**d,e**) or time 0 (**a**). Each bar represents the mean \pm s.e.m. ($n = 4-10$ per condition). (*, $P < 0.05$; NS, there was no significant difference; between two groups, as indicated, or versus LacZ).