



Supplementary Figure 1. Female F1 offspring of obese sires are not sensitised to the effects of a Western diet. (A) Post-weaning weight trajectories of female offspring of obese sires (PatOb) or lean sires (Control), fed either Control diet (CD) or a Western diet (WD) (Control, $n = 19-20$; PatOb, $n = 7$). **(B)** Gonadal fat weight for female offspring at 12 weeks as in A. **(C)** Glucose tolerance test at six weeks of age for F1 females, (Control, $n=16-19$; PatOb, $n = 7$).