



SUPPLEMENTARY FIG. S5. Functional correction of FA-A or FA-C restored decreased IR phosphorylation in FA cells. The indicated cells were treated with insulin at $10 \mu\text{g}/\text{ml}$ for 15 min. Cell lysates were analyzed by immunoprecipitation and immunoblotting to examine the status of IR, IRS-1, and AKT. Actin was probed as a loading control. IRS, insulin receptor substrate.