

Figure S1. FSHR membrane targeting and PrP^c rescue in mouse granulosa cells. (A) Immunofluorescent detection of FSHR surface expression in mGCs. Mouse ovarian granulosa cells display distinct spindle-shaped morphologies with tightly packed cells in close proximity. FSHR-specific green fluorescence is primarily observed on the cell membranes, alongside DAPI-stained blue nuclei (scale bar, 50 μ m). FSHR, follicle stimulating hormone receptor. (B) PrP^c expression is decreased by shRNA knockdown and rescued by overexpression. sh-2 and sh-3 knockdown groups show significant reduction of PrP^c protein levels, rescue of PrP^c expression is observed in both sh-2 + OE and sh-3 + OE groups PrP^c, cellular prion protein; OE, overexpression; sh, short hairpin.

