Supplemental Figure 1. Genes not regulated by R1881 that are regulated with SOD2 knockdown (shSOD2) with expression changes reversed with NAC treatment (NAC). Estrogen receptor-alpha (ESR1), estrogen related receptor-beta, progesterone receptor (PGR) and RXR-alpha are all regulated discordantly with SOD2 knockdown and treatment with NAC.

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shSOD2 NAC

> IL8 **PDGFRA** CCL27 **PDGFRA** FGFR10P2 RXRA ESR1 IL8 CCL28 **ESRRB** FGFR1 WNT2B ESR1 **VEGFC** TRIP11 TRIP11 FOLH1 FGF13 **IL26 PGR** IL1R1 FOLH1

Relative Gene Expression

