

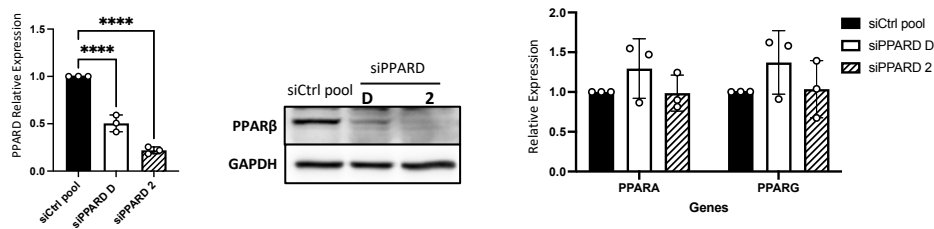
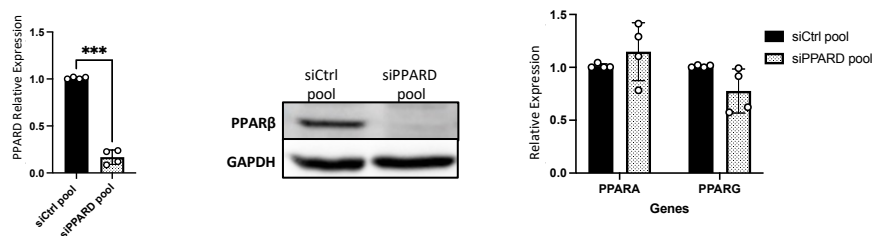
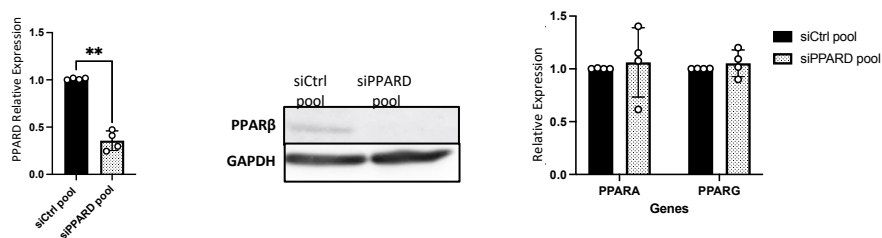
a**NHEK****b****SCC13****A375**

Figure S1. PPAR α , PPAR β and PPAR γ expression levels in normal and malignant human epidermal cells. (a) Left and middle panels: PPAR β expression at mRNA (left, qPCR) and protein (middle, western blot) levels in control (siCtrl pool) and PPAR β -depleted (siPPARD D, siPPARD 2) NHEK cells, 72h following siRNA transfection. Right panel: expression of PPAR α (PPARA gene) and PPAR γ (PPARG gene) at mRNA (qPCR) levels in control (siCtrl pool) and PPAR β -depleted (siPPARD D, siPPARD 2) NHEK cells, 72h following siRNA transfection. (b) Left and middle panels: PPAR β expression at mRNA (left, qPCR) and protein (middle, western blot) levels in control (siCtrl pool) and PPAR β -depleted (siPPARD D pool) SCC13 and A375 cells (upper panel and lower panel), 72h following siRNA transfection. Right panels: expression of PPAR α and PPAR γ at mRNA (qPCR) levels in control (siCtrl pool) and PPAR β -depleted (siPPARD pool) SCC13 and A375 cells (upper panel and lower panel), 72h following siRNA transfection. GAPDH has been used as loading control for western blots. Bars represent mean \pm standard deviation from at least three independent biological replicates (white circles), each with three technical replicates. (****, $p < 0.0001$; ***, $p < 0.001$; **, $p < 0.01$, two-tailed Student's t test for two group comparisons, and one-way ANOVA with Dunnett's multiple-comparison test for more than two group comparisons).