

Supplementary: Melting Curve Analysis of qPCR Products

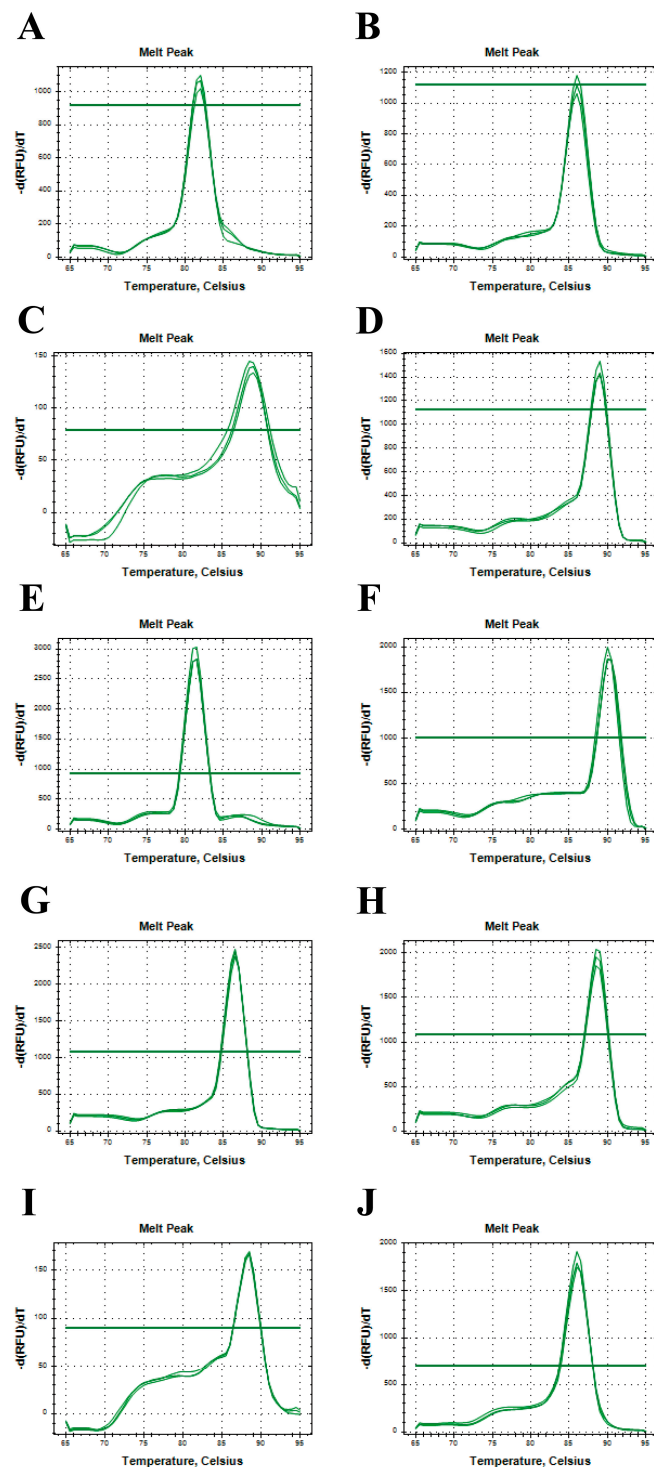


Figure S1. Melting curve analysis of qPCR products. The specificity of qPCR amplicons for ten target genes in MAC-T cells was verified by melting curve analysis. (A) PI3K; (B) AKT1; (C) TSC2; (D) mTOR; (E) EIF4EBP1; (F) EIF4E; (G) S6K1; (H) RPS6; (I) CSN1S1; (J) CSN1S2. All melting curves displayed a single specific melting peak (distinct T_m value) without detectable primer-dimer peaks or non-specific products, confirming the high specificity of each primer pair.