

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: Live imaging of ISV angiogenesis in *pkma2^{mz}/pkmb^{-/-}* mutant zebrafish. Time-lapse confocal movie of a *Tg(kdrl:EGFP) pkma2^{mz}/pkmb^{-/-}* embryo between 26 and 48 hpf.

File Name: Supplementary Data 1

Description: Steady-state and [U-13C₆]glucose metabolomics data for HUVEC treated with siRNAs targeting Scr/PKM2/PKM or Scr/P53/PKM2/PKM2+P53

File Name: Supplementary Data 2

Description: Proteomics data for HUVEC treated with siRNAs targeting Scr/PKM2.

File Name: Supplementary Data 3

Description: Sequences of primers used in this study