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Supplemental Information

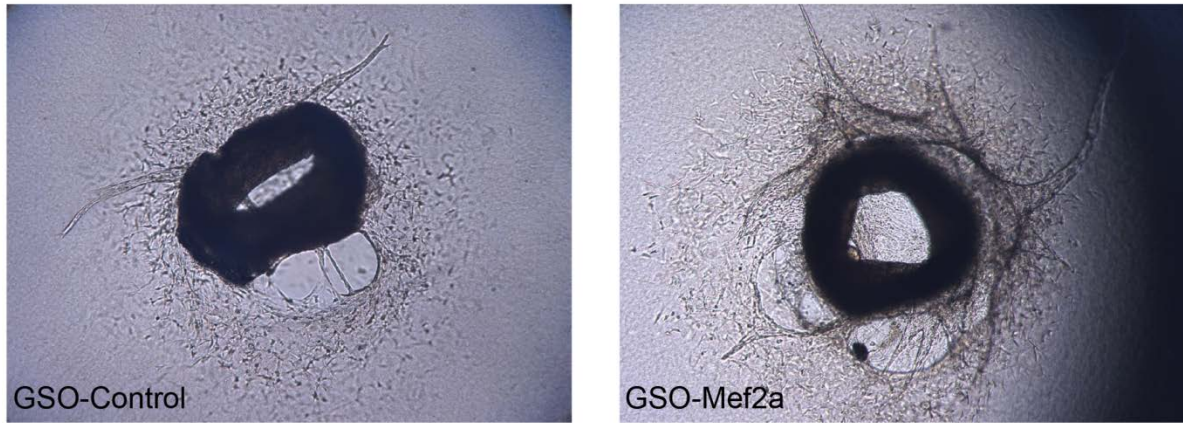
Inhibition of Mef2a Enhances Neovascularization

via Post-transcriptional Regulation of 14q32

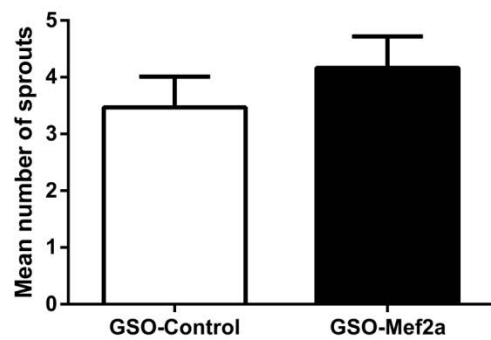
MicroRNAs miR-329 and miR-494

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A



B



Supplemental Figure 1. Ex vivo sprouting angiogenesis. (A) Outgrowth of neovessels from 5-day collagen-embedded aortic rings treated with GSO-Control or GSO-Mef2a. (B) Quantification of neovessels. Data are presented as mean \pm SEM and represent 3 independent experiments with 10 rings per condition.

Supplementary Table 1. List of primers used for primiR and premiR quantification.

Gene	Forward Primer	Reverse Primer
primiR-329	AAGGTCACGTTGGGGAATTA	ACCACGAAGCCTCCAAGAT
premiR-329	TGGTACCGGAAGAGAGGTTTT	AGGTTAGCTGGGTGTGTTTCA
primiR-487b	CTGAGGCGGTGGCTTTG	GAAGCCAGGCTGCAGAGTC
premiR-487b	TGTCCTCTTCGCTTCACTCA	TGAAAAAGTGGATGACCCTGT
primiR-494	TGCCTTTGTTTGCTTTCTGA	GTCATCAGGGACAGGGAGTG
premiR-494	GGAGAGGTTGTCCGTGTTGT	AGGTTTCCCGTGTATGTTTCA
primiR-495	AGCATCCCTTCACACTCAGG	GAGCTCTCCAAGGTGAGATTTG
premiR-495	GTTGCCCATGTTATTTTTCG	AGTGCACCATGTTTGTTCG