

Major Resources Table

In order to allow validation and replication of experiments, all essential research materials listed in the Methods should be included in the Major Resources Table below. Authors are encouraged to use public repositories for protocols, data, code, and other materials and provide persistent identifiers and/or links to repositories when available. Authors may add or delete rows as needed.

Animals (in vivo studies)

Species	Vendor or Source	Background Strain	Sex	Persistent ID / URL
Mus musculus	David Dichek	C57BL/6J <i>Apoe</i> ^{-/-}	Female	

Genetically Modified Animals

	Species	Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male	Mus musculus	David Dichek	C57BL6/J <i>Apoe</i> ^{-/-}	Transgenic for macrophage-targeted urokinase-type plasminogen activator; homozygous for <i>Apoe</i> null allele.	http://www.informatics.jax.org/allele/MGI:3690133 https://www.jax.org/strain/002052 (source of <i>Apoe</i> null allele)
Parent - Female	Mus musculus	The Jackson Laboratory	C57BL6/J <i>Apoe</i> ^{-/-}	Homozygous for <i>Apoe</i> null allele.	https://www.jax.org/strain/002052 (source of <i>Apoe</i> null allele)

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL
mouse laminin α 5	Dr. Lydia Sorokin, Munster University, Germany	clone 504, serum	1:1000 dilution		
mouse endostatin (COL18A fragment)	Santa Cruz Biotechnology	sc-32720	1:100		https://www.scbt.com/p/col18a1-antibody-1837-46
COLA18A1	Abcam	ab207162	1:1000		https://www.abcam.com/endostatincol18a1-antibody-epr19995-ab207162.html
HSPG2	Abcam	Ab2501	1:100		https://www.abcam.com/heparan-sulfate-proteoglycan-2perlecan-antibody-a716-ab2501.html
LAMA5	Atlas Antibodies	AMAb91124	1:250; 1:750		https://www.atlasantibodies.com/products/antibodies/primary-

					antibodies/precisa-monoclonals/lama5-antibody-amab91124/
HSPG2	Boster Biological Technology	PB9277	1:250; 1:750		https://www.bosterbio.com/anti-hspg2-picoband-trade-antibody-pb9277-boster.html
rabbit IgG negative control	R&D Systems	AB-105-C	1:1000		
mouse IgG negative control	Leica Biosystems	PA0996	1.7 mg/L		

DNA/cDNA Clones

Clone Name	Sequence	Source / Repository	Persistent ID / URL

Cultured Cells

Name	Vendor or Source	Sex (F, M, or unknown)	Persistent ID / URL

Data & Code Availability

Description	Source / Repository	Persistent ID / URL
PROTOMAP mouse data	PRIDE	PXD020406
PROTOMAP human data	PRIDE	PXD020405

Other

Description	Source / Repository	Persistent ID / URL