SUPPLEMENTAL MATERIALS

Monosomy X in female mice influences the regional formation and augments the severity of angiotensin II-induced aortopathies

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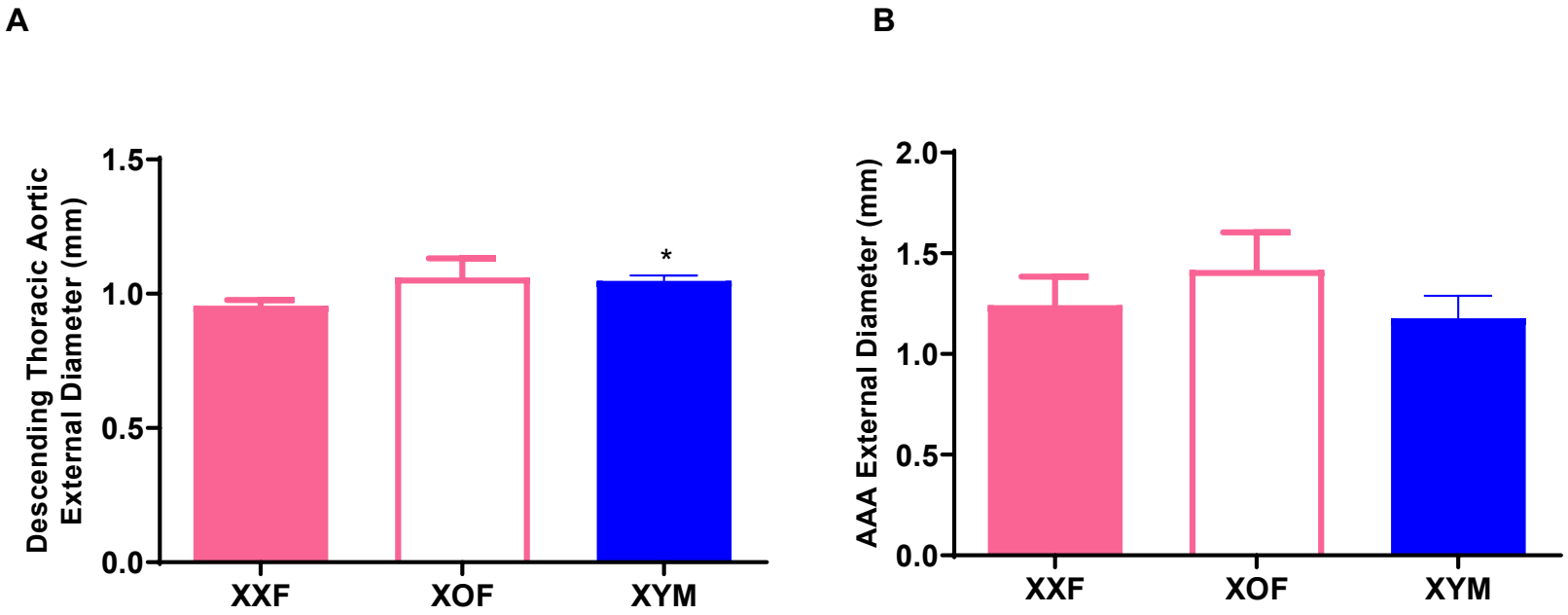
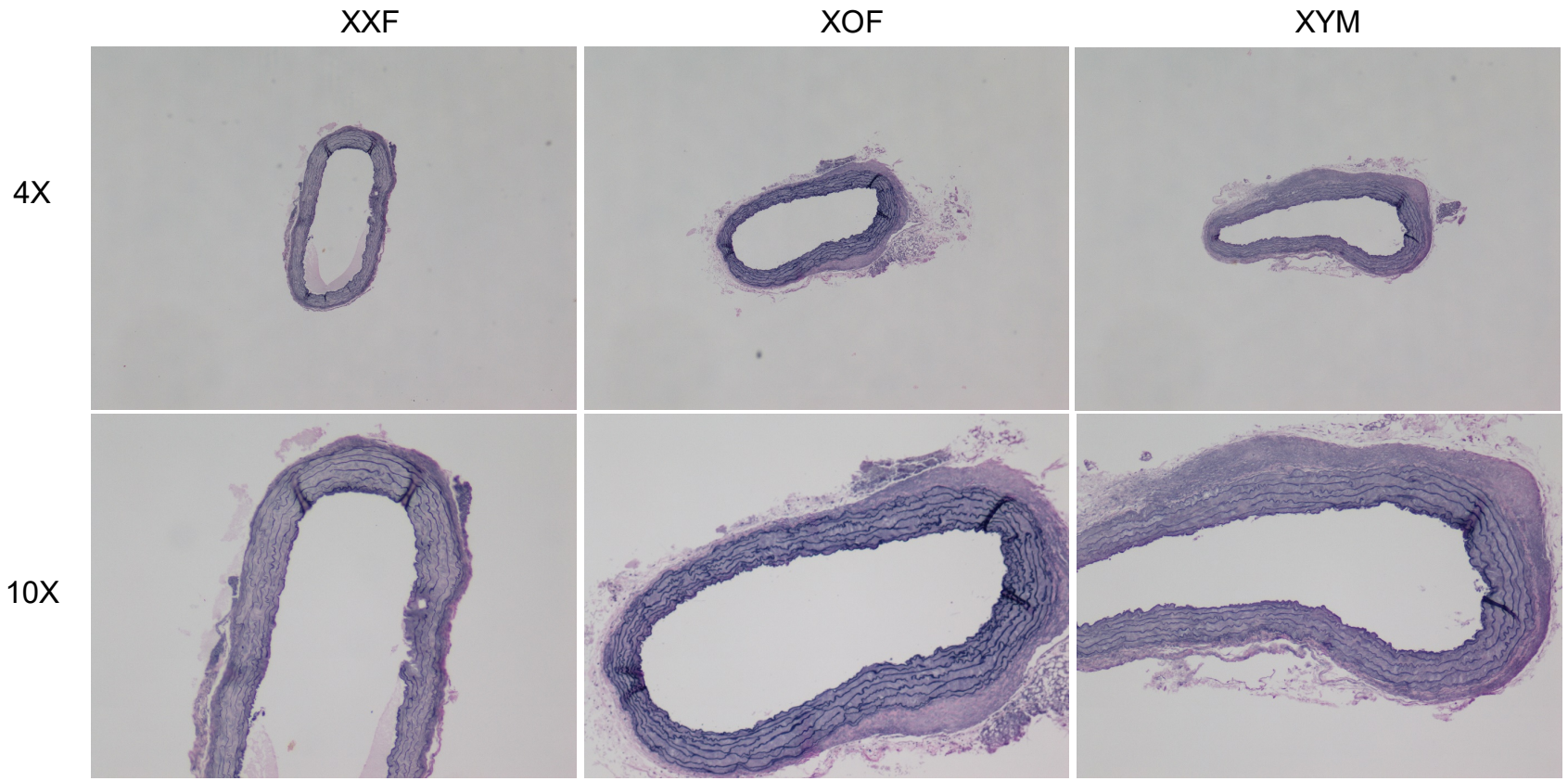
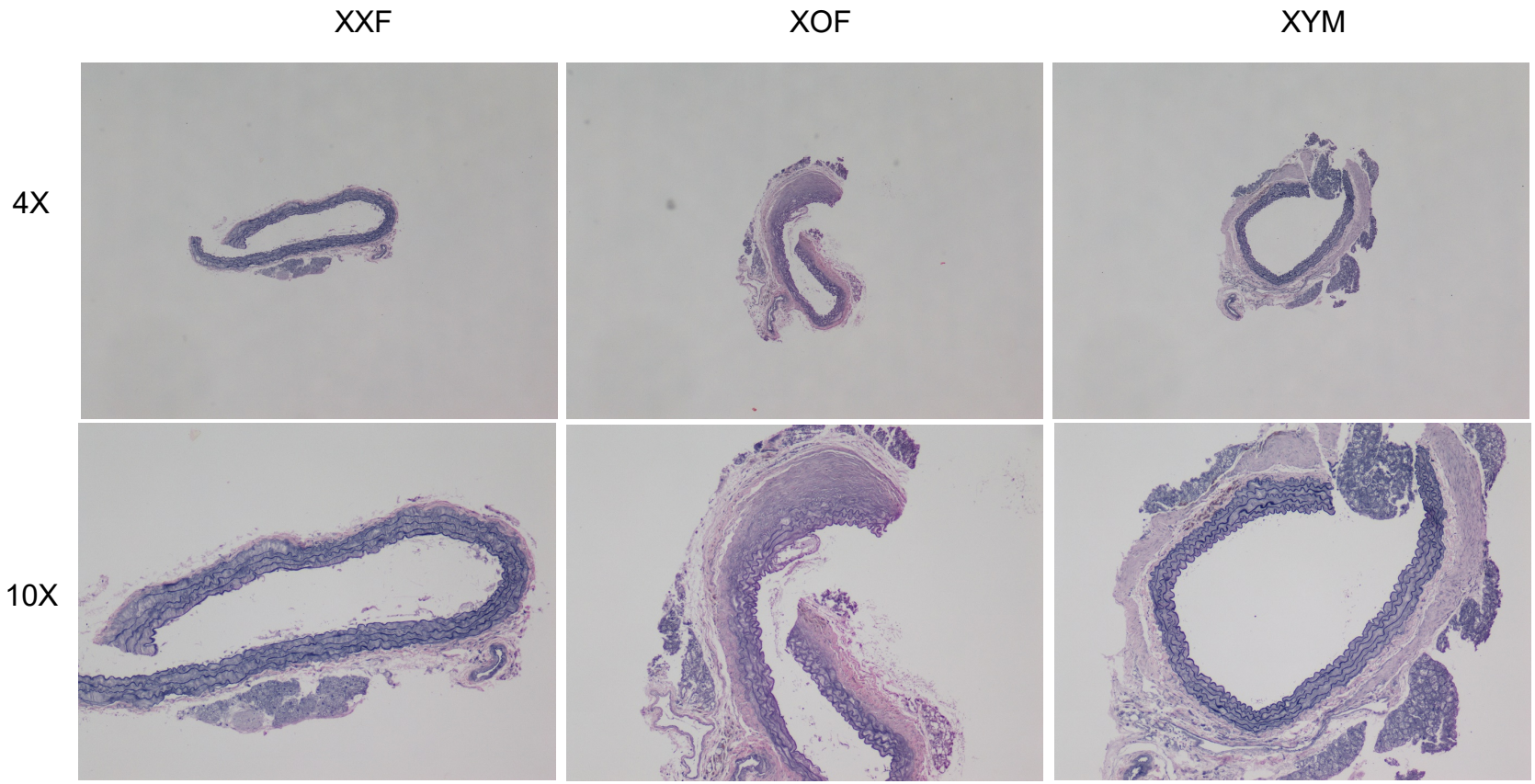


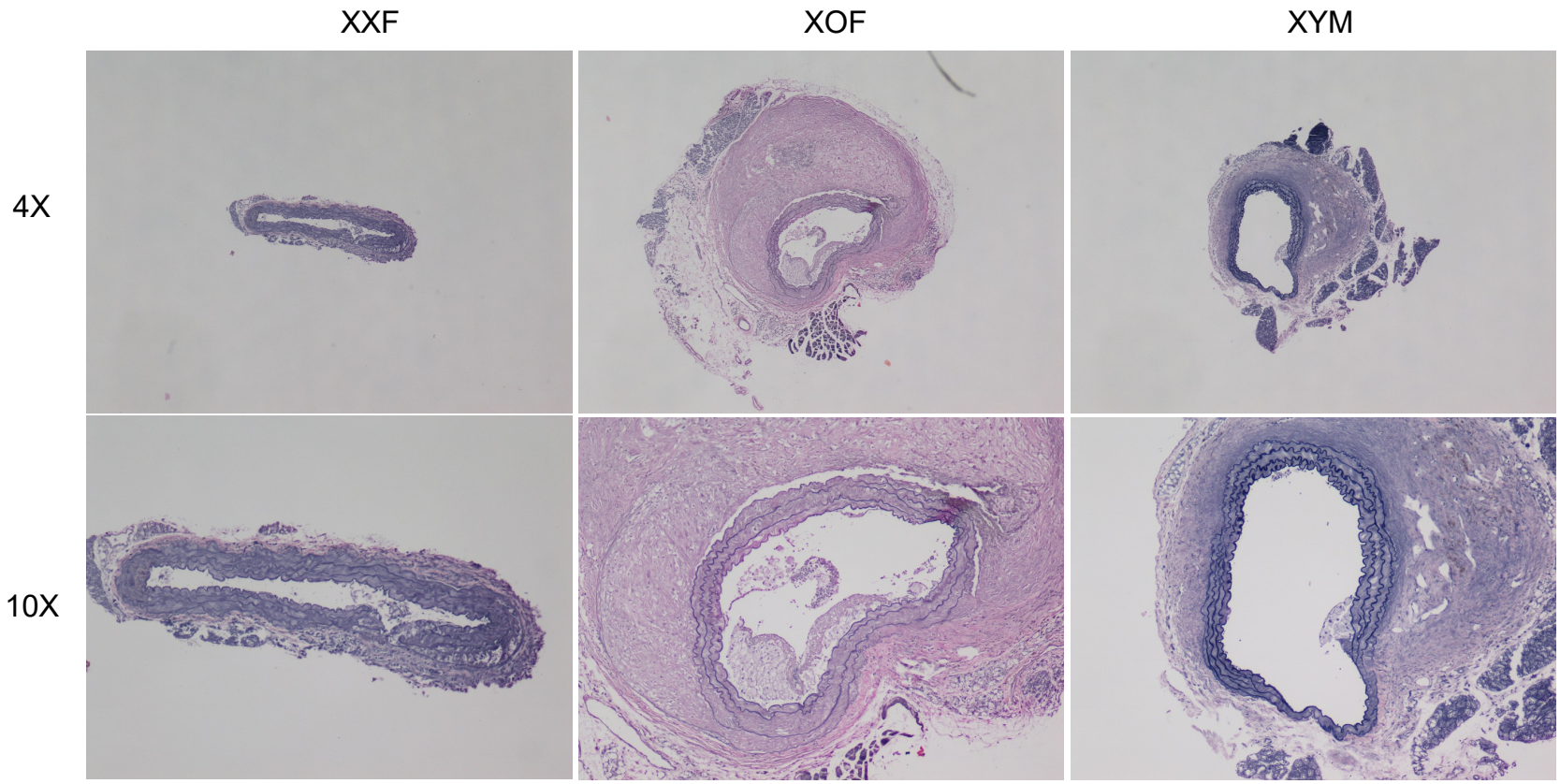
Supplemental Figure I. Maximal external diameters of descending thoracic aortas (A) and abdominal aortas (B) of C57Bl/6J mice infused with AngII for 28 days. *, P<0.05 compared to XXF.



Supplemental Figure II. Morphology of representative ascending aorta from XXF, XOF, and XYM C57BL/6J mice (n = 1/genotype) infused with AngII for 28 days. Representative tissue sections stained with Van Gieson.



Supplemental Figure III. Morphology of representative descending thoracic aortas from XXF, XOF, and XYM *Ldlr*$^{-/-}$ mice (n = 1/genotype) infused with AngII for 28 days. Representative tissue sections stained with Van Gieson.



Supplemental Figure IV. Morphology of representative abdominal aortas from XXF, XOF, and XYM *Ldlr*$^{-/-}$ mice (n = 1/genotype) infused with AngII for 28 days. Representative tissue sections stained with Van Gieson.

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
Mice	Donation from Dr. Arthur Arnold	C57BL/6J and *Ldlr-/-*	Males and females	

Genetically Modified Animals

	Species	Vendor or Source	Background Strain	Other Information	Persistent ID / URL
Parent - Male					
Parent - Female	Mice	Jackson laboratory	*Ldlr-/-*		Stock#002207

Antibodies

Target antigen	Vendor or Source	Catalog #	Working concentration	Lot # (preferred but not required)	Persistent ID / URL

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
RNAseq raw (FastQ) and normalized (TMM) data	Gene Expression Omnibus	https://www.ncbi.nlm.nih.gov/geo/query/acc.cgi?acc=GSE154036

Other

Description	Source / Repository	Persistent ID / URL

DOI [to be added]