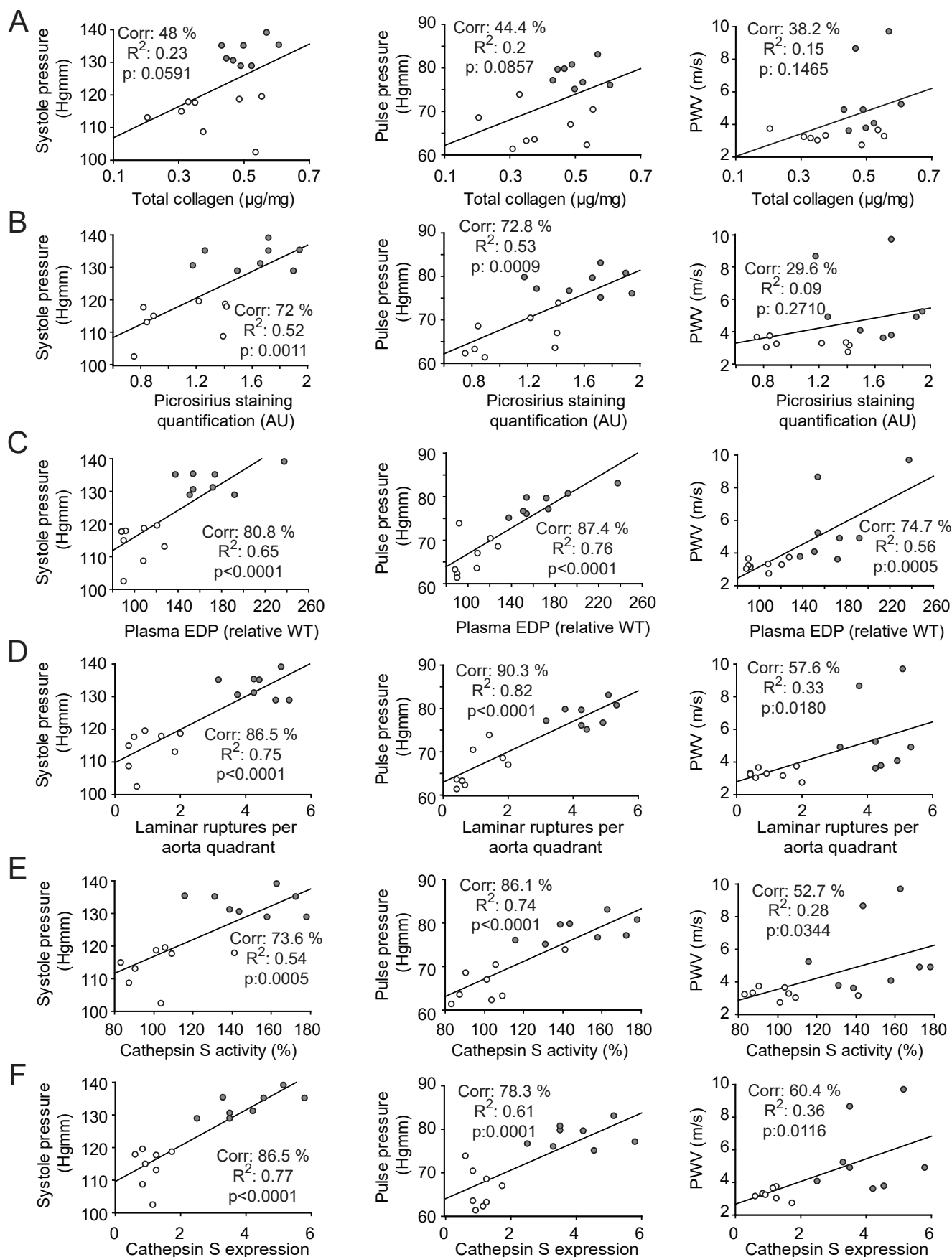


Apelin expression deficiency in mice contributes to vascular stiffening by extracellular matrix remodeling of the aortic wall

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Supplementary data 1, Univariate correlation test (test-Z): (A-B) Association of systolic and pulse pressures and pulse wave velocity, PWV (obtained in figure 2) with total collagen assay (panel A), picosirius staining (panel B) obtained figure 3. (C-D) Association of systolic and pulse pressures and pulse wave velocity, PWV with plasma EDP assay (panel C), Lamina ruptures per aorta quadrant (panel D) determined in figure 4. (E-F) Association of systolic and pulse pressures and pulse wave velocity, PWV with cathepsin S activity (panel E) and cathepsin S expression (panel F) determined in figure 5.