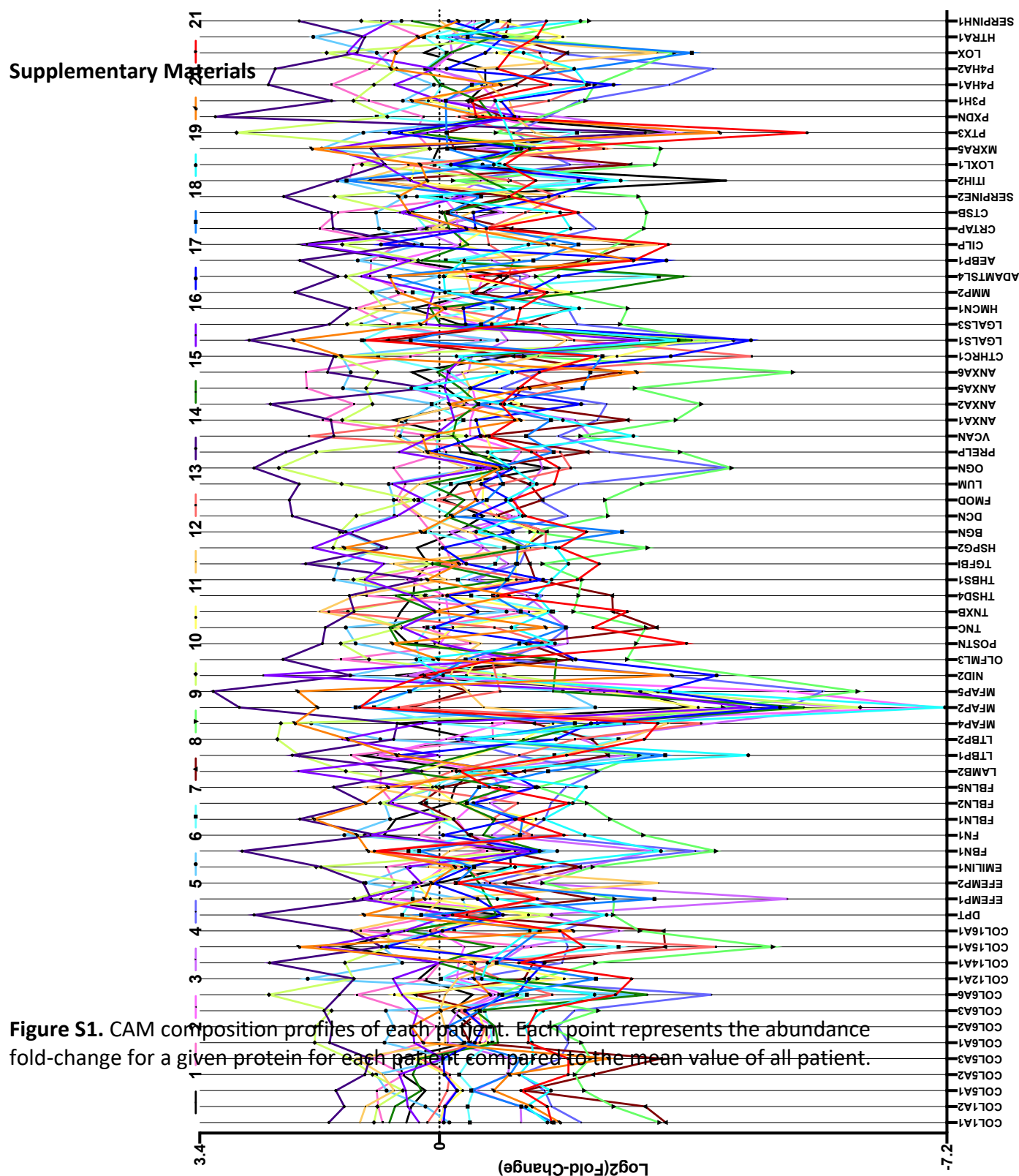




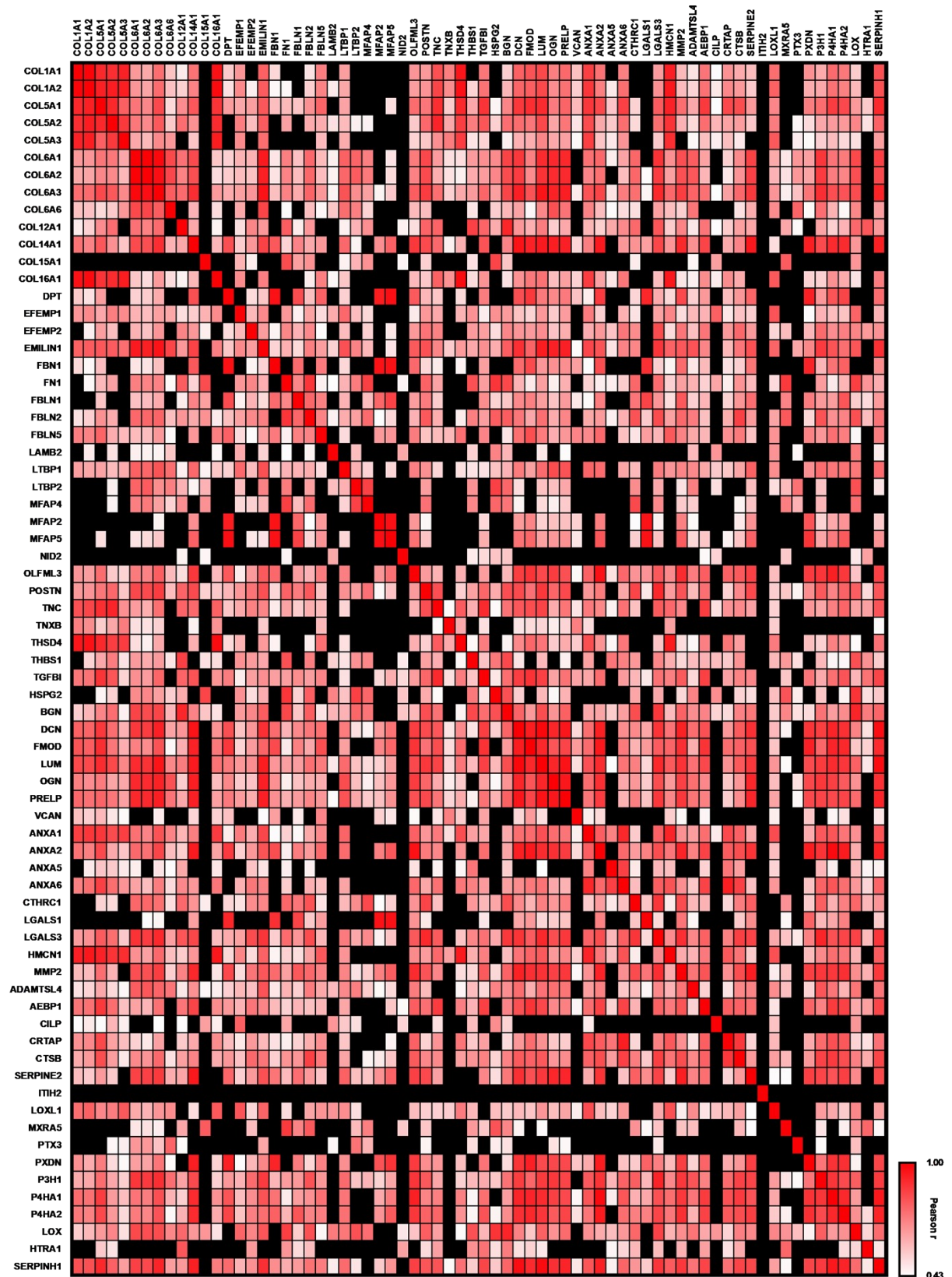


Figure S2. Correlations between all ECM proteins detected within the CAM.

Table S1. List of proteins that is significantly correlate with the donor's age.

Protein Name	Gene Symbol	Pearson r	P-Value
Donor's age vs. Collagens			
Collagen alpha-2(VI) chain	<i>COL6A2</i>	0.55	0.010; **
Collagen alpha-6(VI) chain	<i>COL6A6</i>	0.54	0.012; *
Collagen alpha-1(VI) chain	<i>COL6A1</i>	0.54	0.012; *
Collagen alpha-3(VI) chain	<i>COL6A3</i>	0.50	0.020; *
Collagen alpha-1(XIV) chain	<i>COL14A1</i>	0.47	0.031; *
Donor's age vs. Glycoproteins			
Emilin-1	<i>EMILIN1</i>	0.61	0.003; **
Olfactomedin-like protein 3	<i>OLMFL3</i>	0.56	0.008; **
Tenascin-X	<i>TNXB</i>	0.51	0.019; *
Latent-transforming growth factor beta-binding protein 1	<i>LTBP2</i>	0.50	0.021; *
Laminin subunit beta-2	<i>LAMB2</i>	0.46	0.035; *
Fibulin-5	<i>FBLN5</i>	0.45	0.039; *
Donor's age vs. Proteoglycans			
Prolargin	<i>PRELP</i>	0.61	0.003; **
Mimecan	<i>OGN</i>	0.57	0.007; **
Decorin	<i>DCN</i>	0.52	0.015; *
Lumican	<i>LUM</i>	0.51	0.017; *
Fibromodulin	<i>FMOD</i>	0.47	0.034; *
Biglycan	<i>BGN</i>	0.46	0.037; *
Donor's age vs. ECM-Affiliated Proteins			
Annexin A2	<i>ANXA2</i>	0.47	0.032; *
Donor's age vs. ECM Regulators			
ADAMTS-like protein 4	<i>ADAMTSL4</i>	0.66	<0.001; ***
Lysyl oxidase homolog 1	<i>LOXL1</i>	0.57	0.007; **
Glia-derived nexin	<i>SERPINE2</i>	0.53	0.015; *
72 kDa type IV collagenase	<i>MMP2</i>	0.49	0.024; *
Prolyl 3-hydroxylase 1	<i>P3H1</i>	0.45	0.042; *
Serpin H1	<i>SERPINH1</i>	0.43	0.049; *