

Gene	GO term annotations	Function
<i>ADAMTS3</i>	collagen fibril organization, vascular endothelial growth factor production	A disintegrin and metalloproteinase with thrombospondin motifs 3
<i>LTBP2</i>	extracellular fibril organization	Latent-transforming growth factor beta-binding protein 2
<i>MFAP5</i>	extracellular matrix organization, extracellular fibril organization	Microfibrillar-associated protein 5
<i>COL5A1</i>	blood vessel development, cell adhesion, cell migration, extracellular matrix organization, collagen fibril organization	Collagen alpha-1(V) chain
<i>CD36</i>	positive regulation of cell-matrix adhesion	Platelet glycoprotein 4
<i>RIPK3</i>	amyloid fibril formation, necroptotic process	Receptor-interacting serine/threonine-protein kinase 3
<i>COL3A1</i>	cell-matrix adhesion, extracellular matrix organization, collagen fibril organization	Collagen alpha-1(III) chain
<i>GSN</i>	actin filament polymerization, regulation of wound healing, spreading of epidermal cells	Gelsolin

Supplementary Table 7 – Description of genes annotated with GO term “fibril organization”.