

Genes associated with the development of TAAD

<b>Gene</b>	<b>Protein</b>
<i>ACTA2</i>	Smooth muscle $\alpha$ -actin
<i>BGN</i>	Biglycan
<i>COL1A2</i>	Collagen 1 $\alpha$ 2 chain
<i>COL3A1</i>	Collagen 3 $\alpha$ 1 chain
<i>COL5A1</i>	Collagen 5 $\alpha$ 1 chain
<i>COL5A2</i>	Collagen 5 $\alpha$ 2 chain
<i>EFEMP2</i>	Fibulin-4
<i>ELN</i>	Elastin
<i>EMILIN1</i>	Elastin microfibril interface 1
<i>FBN1</i>	Fibrillin-1
<i>FBN2</i>	Fibrillin-2
<i>FLNA</i>	Filamin A
<i>FOXE3</i>	Forkhead box 3
<i>LOX</i>	Lysyl oxidase
<i>MAT2A</i>	Methionine adenosyl-transferase II $\alpha$
<i>MFAP5</i>	Microfibril-associated glycoprotein 2
<i>MYH11</i>	Smooth muscle myosin heavy chain
<i>MYLK</i>	Myosin light chain kinase
<i>NOTCH1</i>	NOTCH1
<i>PRKG1</i>	Type 1 cGMP-dependent protein kinase
<i>SKI</i>	Sloan Kettering proto-oncoprotein
<i>SLC2A10</i>	Glucose transporter 10
<i>SMAD2</i>	SMAD2
<i>SMAD3</i>	SMAD3
<i>SMAD4</i>	SMAD4
<i>SMAD6</i>	SMAD6
<i>TGFB2</i>	TGF- $\beta$ 2
<i>TGFB3</i>	TGF- $\beta$ 3
<i>TGFBR1</i>	TGF- $\beta$ receptor type 1
<i>TGFBR2</i>	TGF- $\beta$ receptor type 2