

Dept. of Molecular Medicine (MOMA), Aarhus University Hospital, Denmark
MOMA Thoracic Aorta Dilation v5 (2020-10-01), 28 genes

Approved symbol	Approved name	HGNC ID	Location
ACTA2	actin, alpha 2, smooth muscle, aorta	HGNC:130	10q23.31
CBS	cystathionine-beta-synthase	HGNC:1550	21q22.3
COL3A1	collagen type III alpha 1 chain	HGNC:2201	2q32.2
COL4A5	collagen type IV alpha 5 chain	HGNC:2207	Xq22.3
EFEMP2	EGF containing fibulin extracellular matrix protein 2	HGNC:3219	11q13.1
ELN	elastin	HGNC:3327	7q11.23
FBLN2	fibulin 2	HGNC:3601	3p25.1
FBN1	fibrillin 1	HGNC:3603	15q21.1
FBN2	fibrillin 2	HGNC:3604	5q23.3
FLNA	filamin A	HGNC:3754	Xq28
GATA5	GATA binding protein 5	HGNC:15802	20q13.33
HCN4	hyperpolarization activated cyclic nucleotide gated potassium channel 4	HGNC:16882	15q24.1
HEYL	hes related family bHLH transcription factor with YRPW motif-like	HGNC:4882	1p34.2
LOX	lysyl oxidase	HGNC:6664	5q23.1
MMP3	matrix metalloproteinase 3	HGNC:7173	11q22.2
MYH11	myosin heavy chain 11	HGNC:7569	16p13.11
MYLK	myosin light chain kinase	HGNC:7590	3q21.1
NOTCH1	notch 1	HGNC:7881	9q34.3
PKD1	polycystin 1, transient receptor potential channel interacting	HGNC:9008	16p13.3
PKD2	polycystin 2, transient receptor potential cation channel	HGNC:9009	4q22.1
PLOD1	procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	HGNC:9081	1p36.22
PRKG1	protein kinase cGMP-dependent 1	HGNC:9414	10q11.23-q21.1
SLC2A10	solute carrier family 2 member 10	HGNC:13444	20q13.12
SMAD3	SMAD family member 3	HGNC:6769	15q22.33
TGFB2	transforming growth factor beta 2	HGNC:11768	1q41
TGFBRI	transforming growth factor beta receptor 1	HGNC:11772	9q22.33
TGFBRII	transforming growth factor beta receptor 2	HGNC:11773	3p24.1
TIMP4	TIMP metalloproteinase inhibitor 4	HGNC:11823	3p25.2