

Research progress of Top50 DEGs.

Gene	Expression Change	Degree	Ref. (AMI associated)
<i>Timp1</i>	Up	18	Hub Gene
<i>Sparc</i>	Up	16	Hub Gene
<i>Spp1</i>	Up	16	Hub Gene
<i>Tgfb1</i>	Up	16	Hub Gene
<i>Decr1</i>	Down	15	Hub Gene
<i>Vim</i>	Up	14	Hub Gene
<i>Serpine1</i>	Up	13	Hub Gene
<i>Serpina3n</i>	Up	11	Hub Gene
<i>Thbs2</i>	Up	11	Hub Gene
<i>Vcan</i>	Up	10	Hub Gene
<i>Stmn1</i>	Up	9	None
<i>Tgfb2</i>	Up	9	[76]
<i>Tyrobp</i>	Up	9	[77]
<i>Sdc4</i>	Up	8	[78]
<i>Tgfb3</i>	Up	8	[76]
<i>Top2a</i>	Up	8	None
<i>Ube2c</i>	Up	8	None
<i>Rrm2</i>	Up	7	[79]
<i>Cd36</i>	Up	7	[80,81]
<i>Serpine2</i>	Up	7	[82]
<i>Tagln</i>	Up	7	[83]
<i>Tacc3</i>	Up	7	None
<i>Spi1</i>	Up	7	[84]
<i>Timp2</i>	Up	7	[85]
<i>Thy1</i>	Up	7	[86]
<i>Sdc1</i>	Up	6	[87]
<i>Smc2</i>	Up	6	None
<i>Tagln2</i>	Up	6	[88]
<i>Slc11a1</i>	Up	6	None
<i>Tk1</i>	Up	6	[89]
<i>Vav1</i>	Up	6	[90]
<i>Tubb5</i>	Up	6	None
<i>Tpm4</i>	Up	6	[91]
<i>Acaa2</i>	Down	5	[92]
<i>Shisa5</i>	Up	5	None
<i>S100a4</i>	Up	5	[93]
<i>Tuba1a</i>	Up	5	None
<i>Serpinb1a</i>	Up	5	[94]
<i>Smc4</i>	Up	5	None
<i>S100a6</i>	Up	5	[95]
<i>Tpm3</i>	Up	5	[96]
<i>Tnc</i>	Up	5	[97]
<i>Sec61a1</i>	Up	4	[98]
<i>Serpinh1</i>	Up	4	[99]
<i>Sec61b</i>	Up	4	None
<i>Tpm2</i>	Up	4	None

<i>Tgfb1</i>	Up	4	[100]
<i>Thbs3</i>	Up	4	[101]
<i>Chpt1</i>	Down	3	None
<i>Rrbp1</i>	Up	3	None