

**Table 2**

GO Term	Count	P value	Genes
Regulation of Apoptosis	18	0,0068	ARHGEF3, TBX3, ERBB3, MITF, BNIP3, CDH1, IGF2, IFI16, HGF, GCH1, AMIGO2, SERPINB9, KRT18, MSX1, ETS1, VEGFA, PERP, IGFBP3
Regulation of Cell Proliferation	17	0,0123	RBP4, LYN, TBX3, ERBB3, MITF, IGF2, KDR, RERG, MSX1, ADM, ETS1, VEGFA, BNC1, ADAMTS1, FABP1, IGFBP3, FIGF
Vasculature Development	12	0,0001	PLAT, APOB, HAND1, TBX3, EPAS1, FOXF1, LEPR, VEGFA, COL3A1, LOX, FIGF, KDR
Skeletal System Development	12	0,0008	RBP4, MSX1, LGALS3, TBX3, HOXB6, COL3A1, STC1, IGF2, POSTN, FRZB, IGFBP3, AHSG
Heart Development	11	0,0001	RBP4, ACTC1, MSX1, HAND1, TBX3, ADM, PKP2, ERBB3, GATA6, COL3A1, ADAMTS1
Glucose Metabolic Process	9	0,0003	PDK1, RBP4, LDHA, PGM5, PYGL, HK2, PFKP, IGF2, PGK1
Lung Development	7	0,0008	RBP4, EPAS1, GATA6, FOXF1, VEGFA, LOX, KDR
Epithelium Development	7	0,0386	F11R, FREM2, GATA6, FOXF1, VEGFA, DSP, KDR
Mesoderm Development	5	0,0088	HAND1, TBX3, FOXF1, VEGFA, SNAI2