

Function	Gene	Fold Relation	Function	Gene	Fold Relation	
Hedgehog Signaling	BCL2	42.7478	TGFβ Signaling	IFRD1	4.8605	
	BMP2	802.1775		MYC	4.9398	
	BMP4	6.267		WNT Signaling	FOSL1	7.0508
	PTCH1	23.3353	CCND2		2.2519	
	WNT1	178.2524	MMP7		3.1335	
	WNT2B	2.709	MYC		4.9398	
	WNT3A	127.508	NFκB		BCL2A1	137.9286
	WNT5A	2.3205			BIRC3	3.6921
	WNT6	254.4276		CCL5	8.9039	
Oxidative Stress	FTH1	5.3435		ICAM1	2.1452	
	GCLC	2.5867		IFNG	119.5202	
	GCLM	16.3866		TNF	68.9643	
	GSR	3.1191		Notch Signaling	HES1	4.0309
	HMOX1	778.4413			HES5	149.8918
	SQSTM1	47.6513			HEY1	8.3462
	TXN	2.3583	HEY2		63.9015	
	TXNRD1	4.4417	HEYL		78.672	
	Hypoxia Signaling	CA9	39.6096		LFNG	13.7794
EPO		76.8751	NOTCH1	12.1631		
HMOX1		778.4413				
SLC2A1		2.1852				
VEGFA		2.1452				