

Top biological functions representing differentially expressed genes between ShCtr and ShHuR under hypoxia, as identified by Ingenuity Pathway Analysis

	Category	p-value	No. Molecules
Diseases and Disorders	Cancer	5.05E-06 - 4.80E-28	1750
	Organismal Injury and Abnormalities	5.29E-06 - 4.80E-28	1796
	Gastrointestinal Disease	4.71E-06 - 7.43E-25	1526
	Hepatic System Disease	2.39E-06 - 4.25E-17	821
	Reproductive System Disease	4.85E-06 - 1.14E-16	936
Molecular and Cellular Functions	Cellular Movement	5.00E-06 - 6.99E-36	452
	Cellular Growth and Proliferation	3.31E-06 - 4.87E-32	700
	Cell Death and Survival	4.87E-06 - 4.50E-24	624
	Cellular Development	3.31E-06 - 8.19E-24	618
	Cell Morphology	1.19E-06 - 7.49E-19	473
Physiological System Development and Function	Organismal Survival	3.50E-07 - 7.35E-30	555
	Cardiovascular System Development and Function	5.13E-06 - 4.60E-25	330
	Organismal Development	4.79E-06 - 1.78E-20	643
	Tissue Morphology	5.13E-06 - 4.28E-19	489
	Embryonic Development	2.02E-06 - 4.60E-18	337