

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

Network	Focus Molecules	Score
Small Molecule Biochemistry, Lipid Metabolism, Vitamin and Mineral Metabolism	35	34
Cellular Movement, Cell Cycle, Cardiovascular System Development and Function	34	32
Connective Tissue Disorders, Organismal Injury and Abnormalities, Cellular Movement	34	32
Connective Tissue Development and Function, Embryonic Development, Skeletal and Muscular System Development and Function	33	30
Endocrine System Disorders, Metabolic Disease, Cell Death and Survival	33	30
Carbohydrate Metabolism, Molecular Transport, Small Molecule Biochemistry	32	28
Immunological Disease, Inflammatory Disease, Inflammatory Response	32	28
Cellular Movement, Connective Tissue Development and Function, Cardiovascular System Development and Function	31	26
Hematological Disease, Hereditary Disorder, Organismal Injury and Abnormalities	31	26
Cell-To-Cell Signaling and Interaction, Nervous System Development and Function, Cellular Compromise	31	26