

Table S3 | **Ingenuity top diseases and bio functions**

Molecular and Cellular Functions		
Category	PValue	Count
Cellular Growth and Proliferation	5,81E-18 - 3,51E-04	108
Cellular Movement	1,28E-17 - 4,42E-04	74
Cell Death and Survival	1,87E-15 - 4,18E-04	95
Cellular Development	1,17E-13 - 3,51E-04	88
Cell Morphology	1,28E-08 - 4,42E-04	65
Physiological System Development and Function		
Category	PValue	Count
Tumor Morphology	3,54E-13 - 3,59E-04	47
Immune Cell Trafficking	6,03E-11 - 4,21E-04	39
Tissue Morphology	2,53E-10 - 3,61E-04	65
Cardiovascular System Development and Function	8,16E-10 - 3,77E-04	51
Organismal Development	8,16E-10 - 3,45E-04	69
Diseases and Disorders		
Category	PValue	Count
Cancer	2,05E-18 - 3,82E-04	151
Dermatological Diseases and Conditions	2,71E-13 - 3,39E-04	48
Developmental Disorder	4,51E-13 - 3,61E-04	31
Organismal Injury and Abnormalities	3,68E-12 - 3,61E-04	96
Reproductive System Disease	3,68E-12 - 3,59E-04	73

Ingenuity Top Molecular and Cellular Functions, Physiological System Development and Function and Diseases and Disorders for DE genes in mesothelioma spheroids.