Supplementary Table S7. Top biological functions of differentially expressed genes by SPI in MaSC-enriched population identified through IPA (Total of 907 genes)*

Biological Functions	P-value	No. of Molecules
Diseases and disorders		
Cancer	5.34E-33 - 1.31E-04	398
Reproductive system disease	1.32E-24 - 1.01E-04	243
Dermatological diseases and conditions	1.64E-23 - 1.52E-04	157
Genetic disorder	1.64E-23 - 2.72E-05	248
Iflammatory response	6.34E-18 - 1.56E-04	196
Molecular and cellular functions		
Cellular movement	1.16E-26 - 1.45E-04	228
Cell-to-cell signaling and interaction	5.00E-14 - 1.39E-04	170
Cellular growth and proliferation	8.40E-11 - 1.64E-04	300
Cell morphology	7.72E-10 - 1.64E-04	193
Lipid metabolism	1.41E-09 - 1.53E-04	125
Physiological system development and function		
Immune cell trafficking	6.05E-16 - 1.47E-04	143
Cardiovascular system development and function	1.02E-15 - 1.64E-04	127
Organismal development	5.27E-15 - 1.55E-04	209
Hematological system development and function	1.53E-14 - 1.56E-04	207
Tissue development	2.88E-10 - 1.64E-04	275

* SPI-regulated genes (SPI vs. CAS); $\geq$ 1.3 fold-change