

Zuin et al., Table S5

Molecular function of genes with NIPBL binding sites in HB2 cells identified by IPA analysis (IPA version 9.0, IGENUITY SYSTEMS)

Category	Genes	p-value
<i>Cell Cycle</i>	105	2,17E-08-3,56E-02
<i>Gene Expression</i>	147	4,83E-08-3,59E-02
<i>Organismal Development</i>	84	1,68E-07-3,64E-02
<i>RNA Post-Transcriptional Modification</i>	30	7,3E-07-1,43E-02
<i>Cell Death</i>	165	1,6E-06-3,66E-02
<i>Cellular Growth and Proliferation</i>	108	3,14E-05-2,9E-02
<i>Infectious Disease</i>	62	3,42E-05-2,9E-02
<i>Embryonic Development</i>	54	6,9E-05-3,46E-02
<i>Cardiovascular System Development and Function</i>	18	6,93E-05-3,35E-02
<i>Cancer</i>	220	7,32E-05-3,74E-02
<i>Developmental Disorder</i>	39	1,09E-04-3,79E-02
<i>Hematological System Development and Function</i>	9	1,3E-04-1,63E-02
<i>Hematopoiesis</i>	13	1,3E-04-2,07E-02
<i>Renal and Urological Disease</i>	33	1,55E-04-3,74E-02
<i>Dermatological Diseases and Conditions</i>	27	1,96E-04-3,79E-02