Table 6 Top networks analyzed by IPA

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| Rank | Top Diseases and Functions | Score |
| 1 | Tissue Morphology, Embryonic Development, Organ Development | 38 |
| 2 | Cell-To-Cell Signaling and Interaction, Cell Signaling, Cellular Function and Maintenance | 38 |
| 3 | Cell Death and Survival, Cancer, Cell Morphology | 37 |
| 4 | Cancer, Gastrointestinal Disease, Cell Death and Survival | 35 |
| 5 | Cancer, Carbohydrate Metabolism, Small Molecule Biochemistry | 33 |
| 6 | Cancer, Cell Death and Survival, Cellular Response to Therapeutics | 33 |
| 7 | Lymphoid Tissue Structure and Development, Organ Morphology, Organismal Development | 30 |
| 8 | Cancer, Gastrointestinal Disease, Post-Translational Modification | 29 |
| 9 | Cancer, Dermatological Diseases and Conditions, Gastrointestinal Disease | 29 |
| 10 | Cell Morphology, Digestive System Development and Function, Nervous System Development and Function | 28 |
| 11 | Cancer, Gastrointestinal Disease, Cell Death and Survival | 26 |
| 12 | Cancer, Drug Metabolism, Energy Production | 26 |
| 13 | Cell-To-Cell Signaling and Interaction, Nervous System Development and Function, Cellular Development | 26 |
| 14 | Cellular Movement, Cellular Development, Skeletal and Muscular System Development and Function | 24 |
| 15 | Cell Death and Survival, Cancer, Cellular Development | 24 |
| 16 | Hereditary Disorder, Inflammatory Response, Metabolic Disease | 22 |
| 17 | Cell Morphology, Nervous System Development and Function, Tissue Morphology | 21 |
| 18 | Cancer, Organismal Injury and Abnormalities, Reproductive System Disease | 21 |
| 19 | Cellular Compromise, Cancer, Cardiovascular Disease | 19 |
| 20 | Cell-To-Cell Signaling and Interaction, Tissue Development, Hematological System Development and Function | 17 |
| 21 | Cancer, Organismal Survival, Organismal Injury and Abnormalities | 16 |
| 22 | Cellular Assembly and Organization, Cellular Function and Maintenance, Embryonic Development | 16 |
| 23 | Cancer, Organismal Injury and Abnormalities, Reproductive System Disease | 16 |
| 24 | Cell Cycle, Cellular Movement, Cancer | 16 |
| 25 | Cancer, Developmental Disorder, Hereditary Disorder | 16 |