

Protein-Profiling of Genomic Instability in Endometrial Cancer

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S8: Overview of top networks

Comparison	Network Eligible	Up-regulated	Down-regulated	Top networks	Score	Top Diseases and Disorders	p-Value	# of Molecules	Molecular and Cellular Functions	p-Value	# of Molecules
normal vs. diploid (e) ^a	18	6	12	Nucleic Acid Metabolism, Small Molecule Biochemistry, Cellular Assembly and Organization	33	Cancer	< 0.046	9	Cell Signaling	< 0.0431	6
				Cardiovascular System Development and Function, Cell Morphology, Skeletal and Muscular System Development and Function	10	Neurological Disease	< 0.0399	3	Cellular Movement	< 0.0496	6
						Genetic Disorder	< 0.0464	6	Cell Morphology	< 0.0339	5
diploid (e) vs. aneuploid (e) ^b	10	8	2	Cellular Assembly and Organization, Nucleic Acid Metabolism, Small Molecule Biochemistry	25	Neurological Disease	< 0.0106	7	Cellular Growth and Proliferation	< 0.0382	7
						Genetic Disorder	< 0.0486	8	Cell Morphology	< 0.0297	4
						Cancer	< 0.0394	7	Cellular Assembly and Organization	< 0.0346	6
diploid (e) vs. aneuploid (UPSC) ^c	9	5	4	Lipid Metabolism, Small Molecule Biochemistry, Cell Morphology	25	Cancer	< 0.0428	7	Amino Acid Metabolism	< 0.0150	2
						Gastrointestinal Disease	< 0.0214	4	Cell Morphology	< 0.010	1
						Inflammatory Disease	< 0.0479	2	Cellular Assembly and Organization	< 0.0125	2
normal vs. diploid (e) vs. aneuploid (e) vs. aneuploid (UPSC) ^d	14	10	4	Cellular Function and Maintenance, Cellular Compromise, Nucleic Acid Metabolism	29	Cancer	< 0.0478	10	Cellular Function and Maintenance	< 0.0379	7
				Lipid Metabolism, Molecular Transport, Small Molecule Biochemistry	18	Gastrointestinal Disease	< 0.0068	6	Cellular Compromise	< 0.0217	5
						Inflammatory Response	< 0.0363	2	Antigen Presentation	< 0.0002	2

^{a, b, c} pairwise analysis ^d trend analysis

e, endometrioid; UPSC, uterine papillary serous carcinoma