(a) Normal - Benign - Intermediate - Malignant

(b) Gene Set

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- PPAR-alpha targets
- Cellular lipid metabolic process
- Activation of MAPKK activity
- Protein kinase CK2 activity
- NHEJ mechanisms of DSBs repair
- Alpha-adrenergic receptor activity
- Cytoskeletal part
- Wnt receptor signaling pathway
- Extracellular matrix structural protein
- TGF- Signaling
- Growth factor activity
- Leukocyte chemotaxis
- Ras Oncogenic Pathway Signature Genes
- Mitosis
- ECM remodeling
- Pan-tumor hypoxia signature
- Chemokines and adhesion
- Protein metabolic process
- RNA processing
- Ribosome biogenesis and assembly
- Negative regulation of transcription
- VEGF-family signaling
- Pre-mRNA processing
- RNA metabolic process
- Nucleic acid transport
- RNA binding
- Nuclear transport
- Biopolymer metabolic process
- Toll-like receptor signaling pathway
- Interferon Signaling
- Cell proliferation
- Immune and inflammatory response