

lipid metabolic process

organophosphate metabolic p...

carbohydrate derivative bio...

protein glycosylation

macromolecule glycosylation

glycosylation

xenobiotic metabolic process

maintenance of gastrointest...

organophosphate biosynthesi...

organic cation transport

GeneRatio

C.

proteolysis

digestion

digestive system process

lipid homeostasis

cholesterol homeostasis

intestinal absorption

sterol homeostasis

inorganic cation import acr...

inorganic ion import across...

adaptive thermogenesis

GeneRatio

Biological Process	GeneRatio (approx.)	Color	Size (approx.)
proteolysis	0.20	Blue	Large
digestion	0.13	Red	Medium
digestive system process	0.08	Blue	Small
lipid homeostasis	0.05	Blue	Small
cholesterol homeostasis	0.03	Blue	Small
intestinal absorption	0.03	Blue	Small
sterol homeostasis	0.03	Blue	Small
inorganic cation import acr...	0.03	Blue	Small
inorganic ion import across...	0.03	Blue	Small
adaptive thermogenesis	0.03	Blue	Small

Biological Process	GeneRatio (approx.)	Significance
peptide secretion	0.15	Upregulated
peptide transport	0.15	Upregulated
amide transport	0.15	Upregulated
hormone secretion	0.14	Upregulated
hormone transport	0.14	Upregulated
peptide hormone secretion	0.13	Upregulated
regulation of peptide secretion	0.10	Upregulated
regulation of peptide transport	0.10	Upregulated
insulin secretion	0.10	Upregulated
regulation of peptide hormone secretion	0.08	Downregulated

Heatmap showing the correlation of various cancer types with the Puleo tumor signature. The color scale ranges from -0.4 (blue) to 0.4 (red).

Cancer Type	Correlation
Puleo_tumor_Classical	0.4
Chan-Seng-Yue_Classical A	0.2
Puleo_Pure Classical	0.4
PurIST_Classical	0.1
Moffitt_Classical	0.1
Collisson_Classical	0.1
SCISSORS_Classical	0.1
Collisson_Exocrine	0.1
Chan-Seng-Yue_Classical B	0.1
Puleo_Pure Basal-like	0.2
Puleo_tumor_Basal-like	0.2
Moffitt_Basal-like	0.1
SCISSORS_Basal-like	0.1
Collisson_QM	0.1
Chan-Seng-Yue_Basal-like A	0.1
PurIST_BasalLike	0.1
Chan-Seng-Yue_Basal-like B	0.1
Maurer_Immune	0.2
Puleo_Desmoplastic	0.2
Maurer_ECM	0.2
Elyada_iCAF	0.1
SCISSORS_iCAF	0.1
Moffitt_Activated	0.2
Elyada_myCAF	0.1