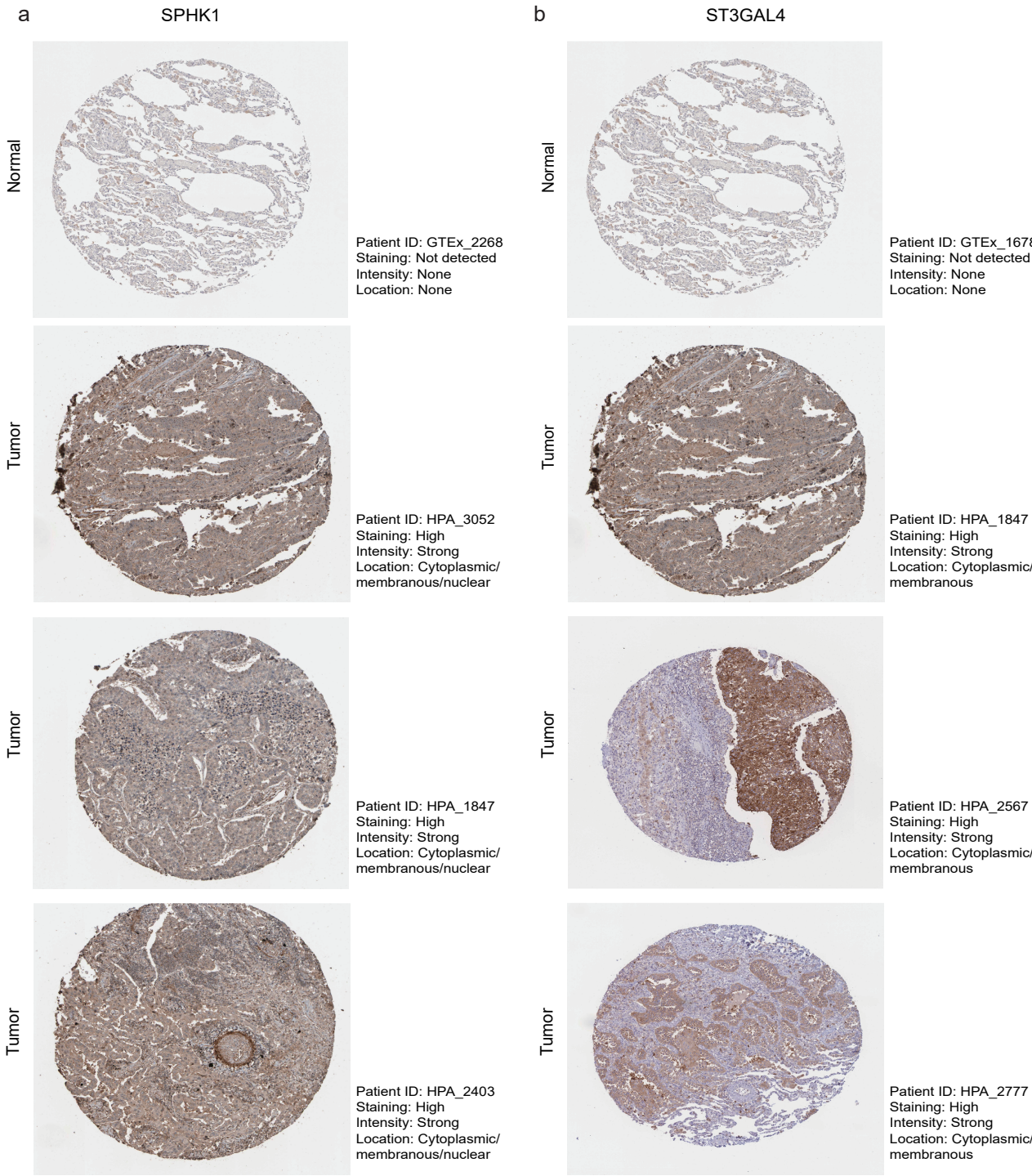


Supplementary Figure S4



Verification of identified LMRG signature (SPHK1/ST3GAL4) in protein expression level using the Human Protein Atlas (HPA, <https://www.proteinatlas.org/>) database.

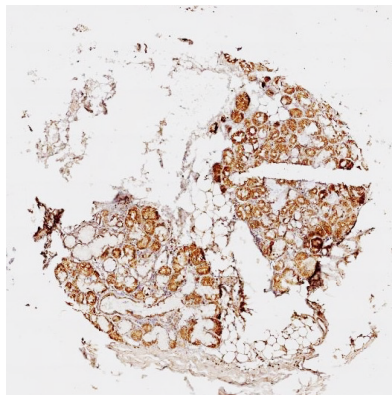
c

GPD1L

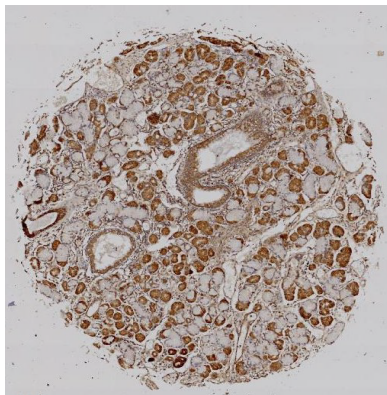
GPD1L

GPD1L

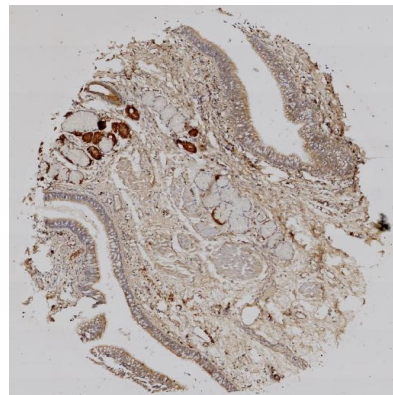
Normal



Patient ID: LUC1601H1
Staining: Medium-High
Intensity: Moderate-Strong
Location: Cytoplasmic/
membranous

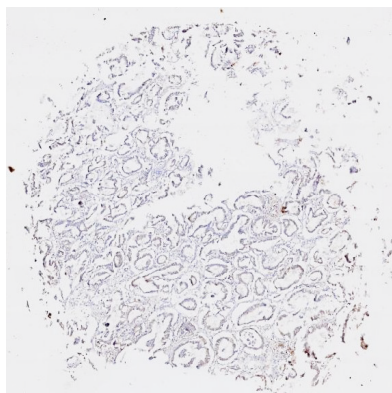


Patient ID: LUC1601H3
Staining: Medium-High
Intensity: Strong
Location: Cytoplasmic/
membranous

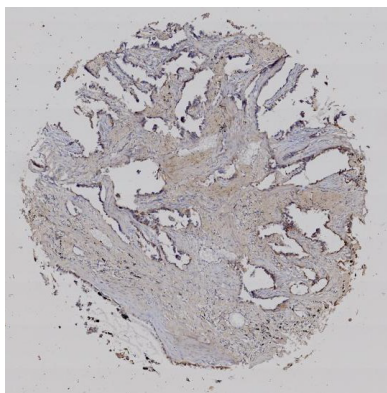


Patient ID: LUC1601B8
Staining: Medium-High
Intensity: Moderate
Location: Cytoplasmic/
membranous

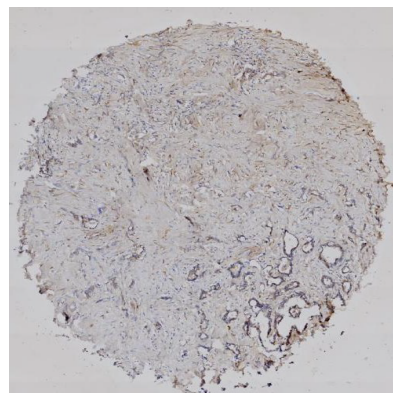
Tumor



Patient ID: LUC1601G1
Staining: Low
Intensity: Weak
Location: Cytoplasmic/
membranous

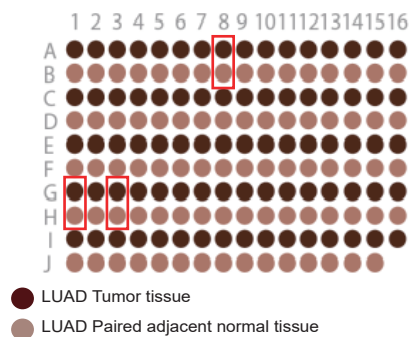


Patient ID: LUC1601G3
Staining: Low
Intensity: Weak
Location: Cytoplasmic/
membranous

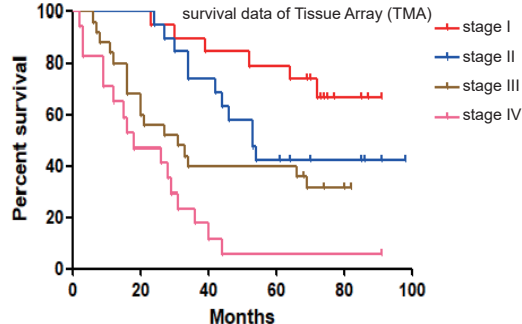


Patient ID: LUC1601A8
Staining: Low
Intensity: Weak
Location: Cytoplasmic/
membranous

d



e



Verification of identified LMRG signature (GPD1L) in protein expression level by IHC analyses on a commercial tissue microarray (TMA) of LUAD (Cat #LUC1601, Shanghai Zhuohao Medical Science and Technology Co. Ltd).