Supplementary materials

Identification of activated protein kinase Cα (PKCα) in the urine of orthotopic bladder cancer xenograft model as a potential biomarker for the diagnosis of bladder cancer

Takahito Kawano, Yoko Tachibana, Junichi Inokuchi, Jeong-Hun Kang, Masaharu Murata, Masatoshi Eto

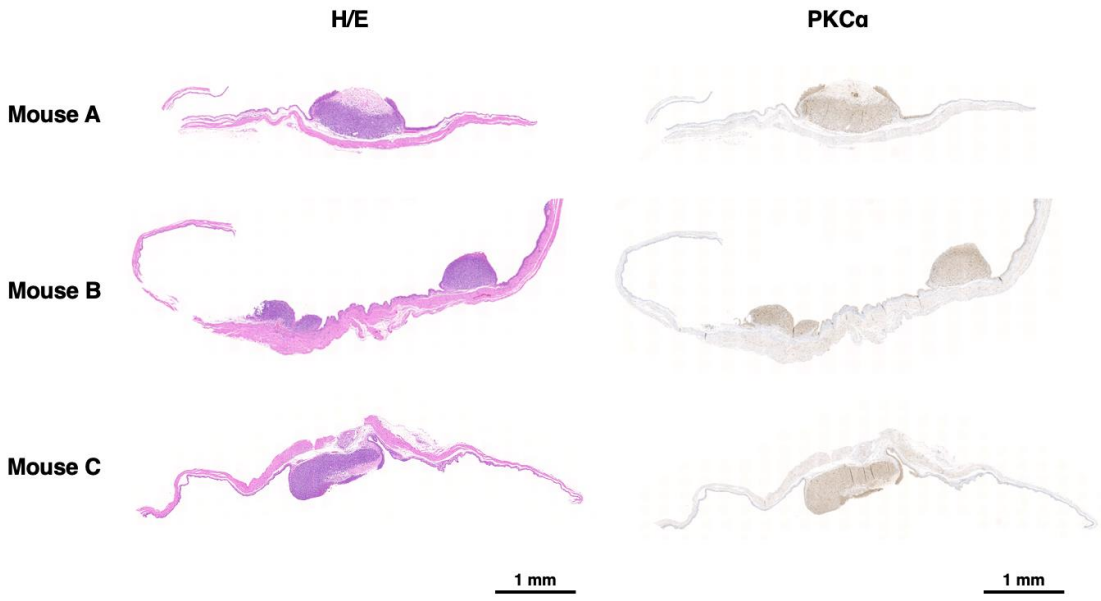


Figure S1. Histological analysis of the bladder cancer tissues in the orthotopic xenograft mice with UMUC-3 cells (n=3). Tissue sections were stained with hematoxylin–eosin (H/E) and immunohistochemically stained with anti-phosphoPKCα. Images of Mouse C were used in Figure 4A.

Ac-FKKQG***S***FAKKK-NH_2

Figure S2. The sequence of PKCα-specific peptide substrate used in this study. The peptide was N-terminally acetylated (Ac) and C-terminally amidated (NH_2). The phosphorylation site is marked in bold and italics. A, alanine; F, phenylalanine; G, glycine; K, lysine; Q, glutamine; S, serine.