Supplementary Materials: A Novel Combination RNAi toward Warburg Effect by Replacement with miR-145 and Silencing of PTBP1 Induces Apoptotic Cell Death in Bladder Cancer Cells

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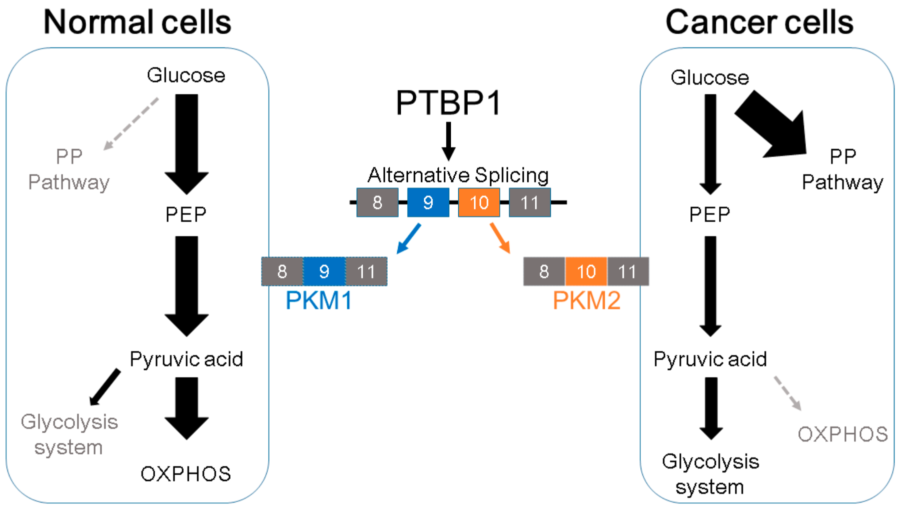

Figure S1. Schematic of metabolic pathway in the normal cells and cancer cells. PTBP1: polypyrimidine tract-binding protein 1; PEP: phosphoenol pyruvate; PP: pentose phosphate; OXPHOS: oxidative phosphorylation; PKM: pyruvate kinase muscle.

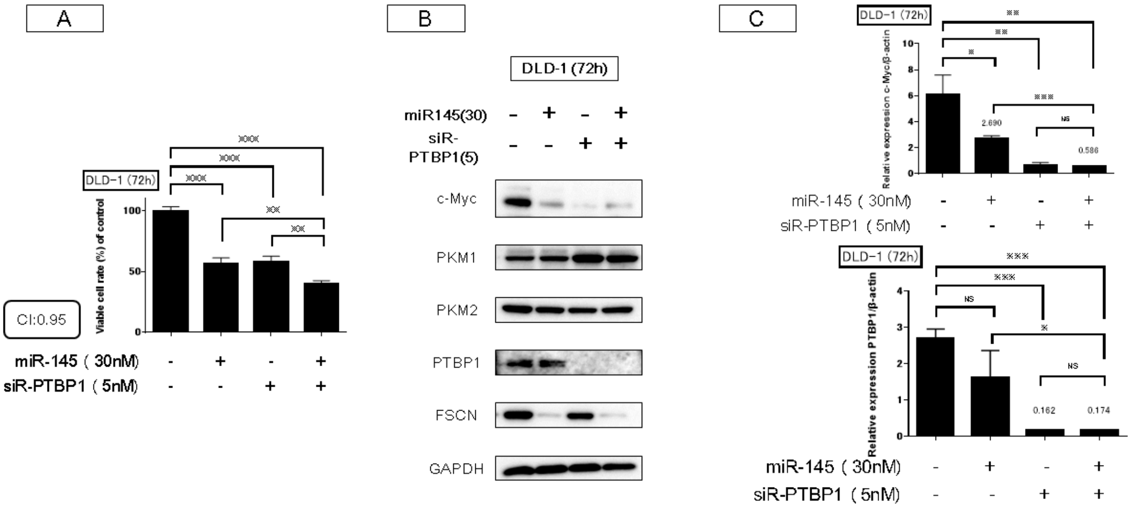

Figure S2. Antitumor effect of miR-145 or/and siR-PTBP1 on colon cancer DLD-1 cells. (**A**) Effects of each treatment on cell viability at 72 h after transfection of DLD-1 cells with miR-145 and/or siR-PTBP1. CI: combination index. (**B**,**C**) Expression level of Warburg effect-related proteins examined by Western blot analysis and mRNA levels of c-Myc and PTBP1 examined by reverse transcription polymerase chain reaction (RT-PCR) at 72 h after the transfection. * indicates $p < 0.05$; ** $p < 0.01$; *** $p < 0.001$.