**Fig. S1. Quantitation for Western Blot data.**

**A.** Quantitation for Fig. 1C/D. **B.** Quantitation for Fig. 2A/D. **C.** Quantitation for Fig. 3D. **D.** Quantitation for Fig. 5A.

**Fig. S2. Morphology change of C4-2 S/P cells transfected with TR4 shRNA.**

C4-2 CD133+ S/P cells with TR4 knock down (B) showed morphology change to more differentiated PCa cells than control group (A).

**Table. S1. 30 metastasis-related genes used for screening.**