

Supplementary Information

Isolation and characterization of urinary extracellular vesicles from healthy donors and patients with castration-resistant prostate cancer

Haneul Lee¹, Su Jin Kang¹, Jimin Lee², Kyong Hwa Park^{2*} and Won Jong Rhee^{1,3,4,*}

¹ Department of Bioengineering and Nano-Bioengineering, Incheon National University, Incheon 22012, Republic of Korea.

² Division of Oncology/Hematology, Department of Internal Medicine, Korea University College of Medicine, Seoul 02841, Republic of Korea

³ Division of Bioengineering, Incheon National University, Incheon 22012, Republic of Korea.

⁴ Research Center for Bio Materials & Process Development, Incheon National University, 119 Academy-ro, Yeonsu-gu, Incheon 22012, Republic of Korea

* Correspondence: W.J.Rhee, Tel: +82 32 835 8299; Fax: +82 32 835 0763;
Email: wjrhee@inu.ac.kr; K.H.Park, Email: khpark@korea.ac.kr

Supplementary Information includes:

Figure S1: Relative expression levels of cancer-related miRNAs in urinary EVs from healthy donors.

Supplementary figures:

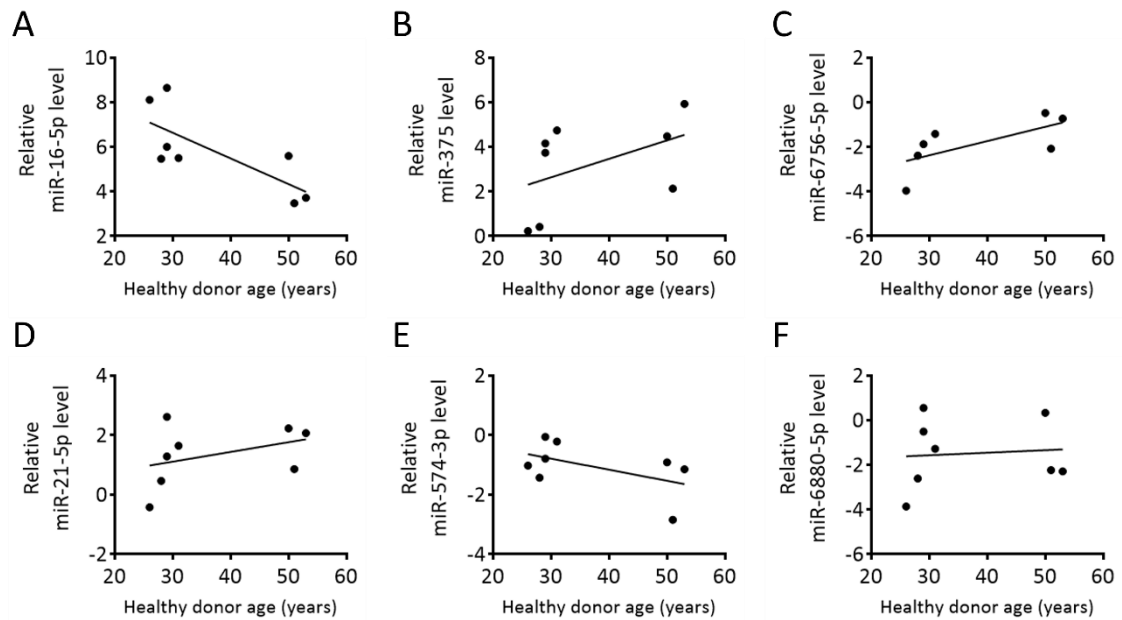


Figure S1. Correlations between age and individual miRNA levels in urinary EVs from healthy donors. Correlation of age with (A) miR-16-5p, (B) miR-375, (C) miR-6756-5p, (D) miR-21-5p, (E) miR-574-3p, and (F) miR-6880-5p. Relative miRNA levels in urinary EVs from healthy donors were analyzed using RT-PCR and normalized (ΔC_T analysis) to expression levels for the U6 snRNA gene and are shown as log2 value. Correlation of age with miRNA expression levels was calculated using Pearson's correlation.