SUPPORTING INFORMATION

Post-SELEX Optimization and Characterization of a Prostate Cancer Cell-Specific Aptamer for Diagnosis

Esther Campos-Fernández,[§] Letícia S. Barcelos,[§] Aline G. Souza,[§] Luiz R. Goulart,[§,‡] and Vivian Alonso-Goulart.[§*]

[§]Laboratory of Nanobiotechnology, Institute of Biotechnology, Federal University of Uberlândia, Uberlândia 38408-100, MG, Brazil.

[‡]Department of Medical Microbiology and Immunology, University of California-Davis, Davis 95616, CA, USA.

Corresponding Author

*Vivian Alonso-Goulart; Laboratório de Nanobiotecnologia, Instituto de Biotecnologia, Universidade Federal de Uberlândia, AvenidaPará, 1720, Sala 248, Bloco 2E, Campus Umuarama, Uberlândia, MG, CEP: 38405-320, Brasil. Telephone number: +55(34)3225-8440. E-mail: alonso.goulart@ufu.br.

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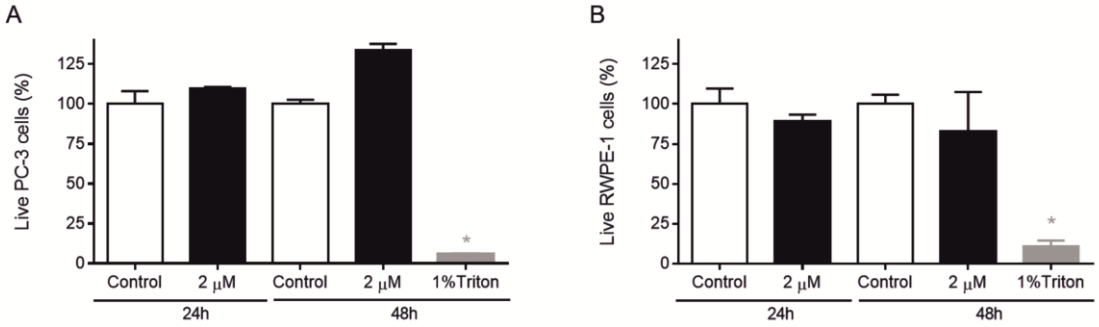

Figure S1. Viability of prostate cells incubated with A4. A. Percentage of live PC-3 cells grown in 3D cultures. B. Percentage of live RWPE-1 cells grown in 3D cultures. The data represent the means ± standard errors of the means of triplicates, resulting from a spectrophotometric neutral red cell viability assay of the prostatic cell lines incubated with 2 μM of A4 for 24 and 48 hours. The data were statistically analyzed using the one-way analysis of variance test with Tukey post-test, *$p < 0.05$.

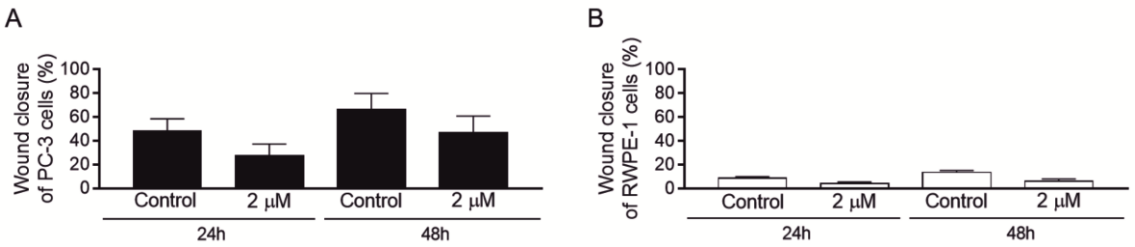

Figure S2. Migration of prostate cells incubated with A4. A. Wound closure percentage of PC-3 cells. B. Wound closure percentage of RWPE-1 cells. The data represent the means ± standard errors of the means of triplicates, resulting from a wound healing assay of the prostatic cell lines incubated with 2 μM of A4 for 24 and 48 hours. The data were statistically analyzed using the one-way analysis of variance test with Tukey post-test for PC-3 cells and Kruskal-Wallis test with Dunn post-test for RWPE-1 cells, *p <0.05.