

Description of Additional Supplementary Files

File Name: Supplementary Movie 1

Description: SPECT/CT rotation video of mouse bearing PC-3 xenografts 96 hours post injection of ^{111}In -FnBPA5, as presented in figure 5A.

File Name: Supplementary Movie 2

Description: SPECT/CT rotation video of mouse bearing PC-3 xenografts 96 hours post injection of ^{111}In -scraFnBPA5, as presented in figure 5B.

File Name: Supplementary Movie 3

Description: SPECT/CT rotation video of mouse bearing PC-3 xenografts with removed kidneys 96 hours post injection of ^{111}In -FnBPA5, as presented in figure 5C.

File Name: Supplementary Movie 4

Description: : SPECT/CT rotation video of mouse bearing PC-3 xenografts with removed kidneys 96 hours post injection of ^{111}In -scraFnBPA5, as presented in figure 5D.