

**Supplementary Figure S2.** Autoradiography of whole mounted *KLK3*\_Hi-*MYC* GEMM prostate sections obtained 120h p.i. of [89Zr]hu5A10 (**A**) or [90Y]hu5A10 (**B**). Radioimmunoconjugate activity was detected in regions expressing PSA, but not in adjacent tissues lacking PSA expression, such as seminal vesicles and urethra.