SUPPLEMENTARY FIG. S6. Analysis of enhanced green fluorescence protein expression (EGFP) in EGFP-expressing transgenic mice following i.v. dosing of siRNA/CDP-NPs with siRNA against EGFP (siEGFP) or control siRNA (siCON). (A) High magnification confocal images of glomeruli showing EGFP fluorescence, nuclei locations (DAPI), and brightfield. The glomerular tuft, urinary space, and Bowman’s capsule can be delineated from the brightfield images. (A’) Tf-NP-siCON, transferrin-targeted siRNA/CDP-NPs with control siRNA (siCON); (A”) Tf-NP-siEGFP, transferrin-targeted siRNA/CDP-NPs with siEGFP; (A”’) Mn-NP-siEGFP, mannose-targeted siRNA/CDP-NPs with siEGFP. (B) Representative brightfield and EGFP fluorescence image from wide-field epifluorescence experiments demonstrating that glomeruli and tubules can be readily identified. (C) Representative example of micrographs of glomerular EGFP fluorescence intensity categories used in the blinded semiquantitative glomerular fluorescence scoring analysis. White arrows point to glomeruli in (B) and (C). T, tubule.