Supplementary information:

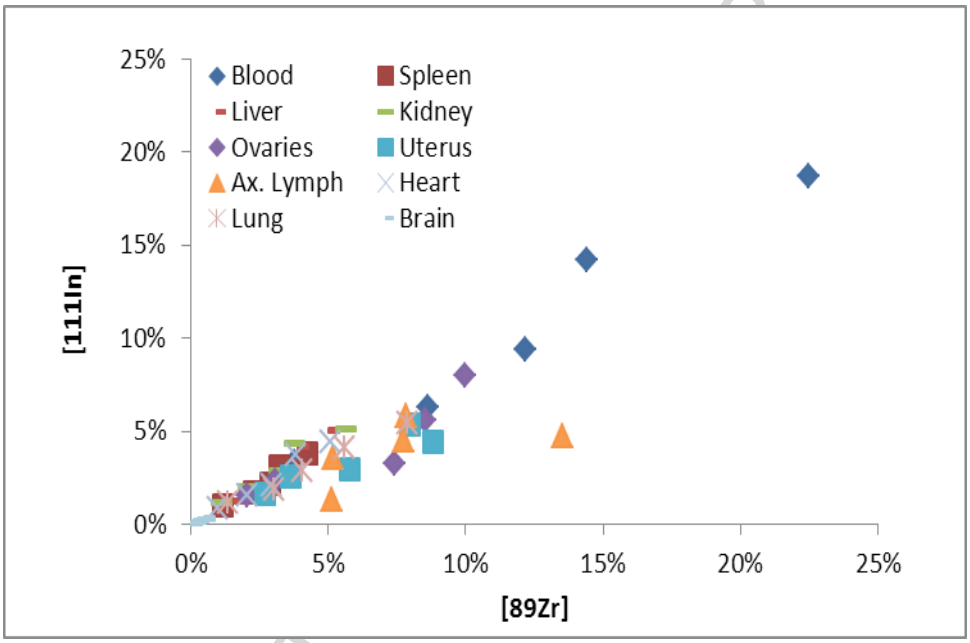

Figure SI-01 Biodistribution %ID/g comparison in non-tumor bearing athymic nude mice (n = 2 female per time point) for radionuclide(s) ^{111}In- and ^{89}Zr- labeled panitumumab for the various time-points. Mice were i.v. injected 1.85 MBq and 5.3 MBq via tail-vein for ^{89}Zr-panitumumab and ^{111}In-panitumumab, respectively. The %ID/g uptake of panitumumab resulted in a good correlation $R^2 > 0.93$ $p<0.0009$ between ^{111}In- and ^{89}Zr- labeled panitumumab.

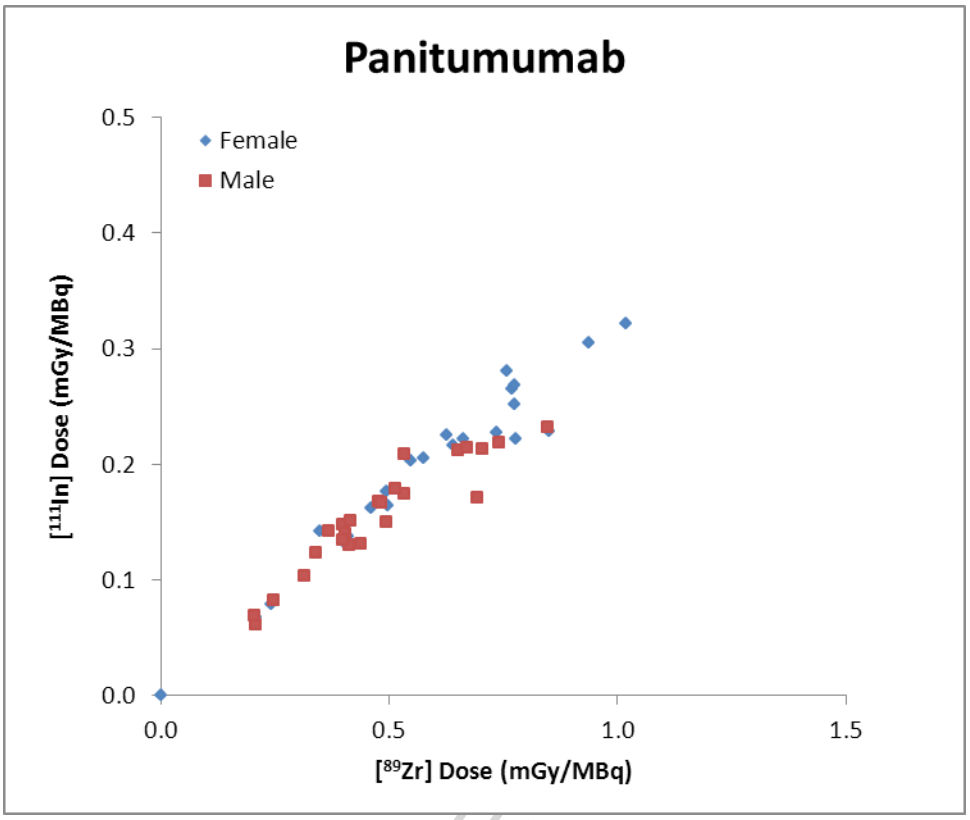

Figure SI-02 Human organ dosimetry (mGy/MBq) comparison for radionuclide(s) ^{111}In- and ^{89}Zr-labeled panitumumab resulted in a good correlation $R^2 > 0.94$ $p<0.0001$ between ^{111}In and ^{89}Zr, and also illustrating the higher organ dose of ^{89}Zr- than ^{111}In-labeled panitumumab due to the higher energy and emission rate (S-values) of ^{89}Zr.