## **Supporting Information**

## Attenuated salmonella typhimurium mediated tumour targeting imaging based

## on peptides

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Supporting information Figure S1: The radiochemical purity of <sup>125</sup>I labeled UBI in saline and 85% methanol solution, respectively.



**Supporting information Figure S2:** The growth curve of salmonella typhimurium in liquid medium in a shaking incubator (37°C, 250 rpm) for overnight.



**Supporting information Figure S3:** Microscopic images of Gram-stained organs collected from 4T1or CT26-bearing mice at 3 days post injection of salmonella typhimurium.



Supporting information Figure S4: The zeta potential of salmonella typhimurium with or without UBI incubation.



**Supporting information Figure S5:** Ex vivo fluorescent imaging of major organs harvested from 4T1-bearing mice at different time points post injection of Cy5.5-UBI.



Supporting information Figure S6: The spectra of the salmonella typhimurium solvent and Cy5.5 solutions.



**Supporting information Figure S7:** The images of H&E stained major organs collected from 4T1 bearing mice at different time points post injection of salmonella typhimurium.