

ESM Table 2

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	WT x isotype					WT x SER4					Sn KO x SER4					
	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	
Mouse	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	
intestines	7.19	7.98	8.19	7.16	7.80	18.07	13.74	9.24	14.00	9.62	3.70	5.75	4.40	4.81	6.28	
stomach	6.75	3.59	5.27	4.20	6.61	6.15	5.95	7.78	9.60	6.13	6.26	4.38	3.32	4.70	5.83	
spleen	20.38	17.32	16.00	15.83	13.14	253.55	265.69	143.74	246.20	127.80	8.16	7.62	7.69	7.63	10.23	
liver	24.57	27.74	24.73	22.06	32.70	41.76	48.49	30.01	39.50	32.22	8.87	10.56	8.42	12.18	10.03	
kidney	29.58	34.86	35.76	30.99	32.07	30.98	21.51	25.85	24.86	26.32	13.95	20.40	15.76	22.45	18.31	
heart	37.07	27.31	27.51	23.42	24.04	18.73	8.71	13.52	17.46	14.61	9.18	11.64	8.22	10.65	10.35	
blood	49.08	57.35	42.98	54.51	60.67	30.53	19.41	27.59	31.28	21.49	26.54	36.42	29.29	49.31	25.87	
lungs	28.98	29.34	29.39	27.16	25.79	17.06	8.76	17.49	11.44	13.23	16.22	17.64	14.66	15.46	16.61	
muscle	3.60	4.31	3.57	3.31	2.74	12.98	1.28	1.54	1.67	1.87	2.21	3.14	2.37	2.19	2.74	
bone	8.77	9.46	10.24	8.86	8.44	24.14	59.61	34.93	38.09	46.78	4.28	3.55	4.61	4.68	4.90	

ESM Table 2. Biodistribution of ^{99m}Tc-IgG and ^{99m}Tc-SER-4 in C57Bl/6 wild type (WT) and Sn^{-/-} (KO) mice. Biodistribution of ^{99m}Tc-IgG isotype control in C57Bl/6 wild type mice (WT x Isotype) ^{99m}Tc-SER-4 in C57Bl/6 wild type (WT x ^{99m}Tc-SER4) and Sn^{-/-} mice (Sn KO x ^{99m}TcSER4) were expressed as percentage injected dose per gram of tissue (%ID/g).