

## ESM Table 3

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Mouse	Allogeneic x SER4				Syngeneic x SER4				Allogeneic x isotype					
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
intestines	2.37	3.10	2.93	1.87	3.21	6.30	5.20	6.48	8.07	9.59	10.69	7.82	6.94	5.55
stomach	2.18	3.31	2.12	2.38	3.52	3.98	2.97	3.80	7.62	4.81	4.16	5.25	5.98	4.95
spleen	48.01	47.32	50.14	52.31	66.78	72.15	85.26	128.98	113.47	8.68	7.98	9.26	8.46	7.77
liver	22.66	22.96	28.02	24.36	33.87	18.13	18.92	26.63	36.57	15.17	12.09	13.74	13.53	12.00
kidney	9.23	10.83	14.54	8.49	12.15	15.43	14.59	13.35	18.92	20.54	18.11	20.27	19.02	18.28
heart graft	7.70	8.83	7.21	9.37	14.10	4.57	4.20	4.59	3.99	4.99	6.03	5.90	6.38	6.38
heart native	2.35	2.84	2.51	2.91	5.42	3.99	4.28	11.74	20.51	14.26	15.75	17.39	18.60	15.05
lungs	2.46	3.10	2.58	3.10	3.73	4.83	4.00	4.18	5.90	11.95	10.53	11.94	13.03	9.65
blood	5.38	6.51	6.96	4.90	8.31	12.63	10.54	13.62	15.88	53.34	51.21	47.53	49.86	49.42
muscle	0.48	0.78	0.83	1.12	1.40	1.34	1.09	1.71	2.82	2.35	2.00	1.55	2.64	3.04
bone	18.00	19.54	23.23	10.41	28.53	23.11	28.71	23.02	24.87	5.78	7.94	6.55	4.55	4.76

### ESM Table 3. Biodistribution of <sup>99m</sup>Tc-SER-4 in heterotopic cardiac transplant model.

Biodistribution of <sup>99m</sup>Tc-SER-4 in recipients of allogeneic heart graft (mouse 1 – 5), syngeneic heart grafts (mouse 6 – 9), or allogeneic heart grafts at 4 hrs post injection of <sup>99m</sup>Tc-IgG isotype control (mouse 10 – 14). Data expressed as percentage injected dose per gram of tissue (%ID/g)