

**S1 Table. R26CreER<sup>T2</sup>-driven *Enpp2* recombination, as tested by PCR, in the indicated mouse strains and upon the indicated treatments**

	<b>Genotype</b>	ATXiCre	ATXiCre	ATXiCre	ATX	ATX	ATXiCre	ATXiCre	ATX	ATX	iCre	iCre
	<b>Treatment</b>	Tmx	Tmx	Oil	Tmx	Oil	Tmx	Oil	Tmx	Oil	Tmx	Oil
	<b>mg/Kg</b>	50	100	-	100	-	100	-	100	-	100	-
	<b>Route</b>	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP	IP
	<b>Days</b>	10	10	10	10	10	5	5	5	5	5	5
<b>Recombination in tissues</b>	Brain	- 1/1	+ 1/1	nd	nd	nd	+ 4/4	+ 1/1	- 3/3	- 1/1	- 2/2	- 2/2
	Heart	- 1/1	+ 1/1	nd	nd	nd	+ 2/2	+ 1/2	- 3/3	- 1/1	- 2/2	- 2/2
	Lung	- 1/1	+ 6/6	+ 2/2	- 4/4	- 2/2	+ 8/8	+ 4/5	- 6/6	- 4/4	- 6/6	- 5/5
	Gut	-1/1	+ 6/6	+ 2/2	- 4/4	- 2/2	+ 11/11	+ 7/7	- 6/6	- 4/4	- 6/6	- 5/5
	Spleen	- 1/1	+ 6/6	+ 2/2	- 4/4	- 2/2	+ 11/11	+ 7/7	- 6/6	- 4/4	- 6/6	- 5/5
	Thymus	- 1/1	+ 1/1	nd	nd	nd	+ 4/4	+ 2/2	- 3/3	- 1/1	- 2/2	- 2/2
	Spinal cord	- 1/1	+ 1/1	nd	nd	nd	+ 3/3	+ 2/2	-3/3	- 1/1	- 2/2	- 2/2
	Kidney	- 1/1	+ 1/1	nd	nd	nd	+ 4/4	+ 1/1	- 3/3	- 1/1	- 2/2	- 2/2
	Liver	- 1/1	+ 1/1	nd	nd	nd	+ 4/4	+ 2/2	- 3/3	- 1/1	- 2/2	- 2/2
	Ovary	- 1/1	+ 1/1	nd	nd	nd	+ 3/3	+ 1/2	- 2/2	- 1/1	- 2/2	- 2/2
	Testis	- 1/1	+ 1/1	nd	nd	nd	+ 1/1	nd	-1/1	- 1/1	- 2/2	- 2/2
	Lymph nodes	nd	nd	nd	nd	nd	+ 3/3	+ 1/1	- 3/3	- 1/1	- 2/2	- 2/2

	<b>Genotype</b>	ATXiCre	ATXiCre	ATX	ATX	iCre	iCre	ATXiCre*	ATXiCre*	ATX: homozygous <i>Enpp2</i> <sup>fl/fl</sup> ; iCre: heterozygous R26CreER <sup>T2</sup> ;  IP: intraperitoneal; PO: oral; Tmx: Tamoxifen;  + denotes detection of complete removal of floxed exons along with the neo cassette, as described previously (PMID:20079728)  nd: not determined  +1/2: denotes recombination in 1 out of 2 mice tested.  *denotes separate housing of mice receiving Tmx
	<b>Treatment</b>	Tmx	Oil	Tmx	Oil	Tmx	Oil	Tmx	Oil	
	<b>mg/Kg</b>	180	-	180	-	180	-	180	-	
	<b>Route</b>	PO	PO	PO	PO	PO	PO	PO	PO	
	<b>Days</b>	6	6	6	6	6	6	6	6	
<b>Recombination in tissues</b>	Brain	+ 9/9	+ 2/2	- 4/4	- 3/3	- 5/5	- 3/3	+2/2	-2/2	
	Heart	+ 8/8	+ 2/2	- 3/3	- 2/2	- 5/5	- 3/3	nd	nd	
	Lung	+ 9/9	+ 2/2	- 3/3	- 3/3	- 5/5	- 3/3	+1/1	-2/2	
	Gut	+ 11/11	+ 2/2	- 4/4	- 3/3	- 5/5	- 3/3	+1/1	-2/2	
	Spleen	+ 11/11	+ 2/2	- 4/4	- 3/3	- 4/4	- 3/3	nd	nd	
	Stomach	+ 8/8	+ 2/2	- 3/3	- 3/3	- 5/5	- 3/3	nd	nd	
	Spinal cord	+ 9/9	+ 2/2	- 4/4	- 3/3	- 5/5	- 3/3	nd	nd	
	Kidney	+ 9/9	+ 2/2	- 4/4	- 3/3	- 5/5	- 3/3	nd	nd	
	Liver	+ 11/11	+ 2/2	- 4/4	- 3/3	- 6/6	- 3/3	+1/1	-2/2	
	Ovary	+1/1	nd	- 2/2	- 2/2	- 1/1	- 1/1	nd	nd	
	Testis	+ 6/6	+ 2/2	- 1/1	- 1/1	- 1/1	- 1/1	nd	nd	
	Lymph nodes	+ 10/10	+ 2/2	- 4/4	- 3/3	- 5/5	- 3/3	nd	nd	