

Supplemental Table 1

Supplemental Table 1. Genetic background of mice and the mutation unique to and common to respective mice

	C57BL/6J		FVB/N
H2 haplotype	<i>b</i>		<i>q</i>
mutations found in either respective mouse	<i>Aanat</i> ^{C57BL/6J}	<i>Gluchos1</i> ^{C57BL/6J}	<i>Bfsp2</i> ^{Dundee}
	<i>Ahr</i> ^{b-1}	<i>Gluchos2</i> ^{C57BL/6J}	<i>Gpr84</i> ^{del}
	<i>Apobec3</i> ^{Rfv3-r}	<i>Gluchos3</i> ^{C57BL/6J}	<i>Hc</i> ⁰
	<i>Cdh23</i> ^{ahl}	<i>Micr</i> ^{lⁿ}	<i>Disc1</i> ^{del}
	<i>Cd5</i> ^b	<i>n-TRtct5</i> ^{m1J}	<i>Pde6b</i> ^{rd1}
	<i>Cox7a2</i> ^s	<i>Nlrp12</i> ^{C57BL/6J}	<i>Mt-Atp8</i> ^{m1}
	<i>Fbrwt1</i> ^{C57BL/6J}	<i>Nnt</i> ^{C57BL/6J}	<i>TcrbV8.2</i> ^{del}
	<i>Fbrwt2</i> ^{C57BL/6J}	<i>P2rx7</i> ^{P451L}	
mutation unique to both mice	<i>Mx1</i> ^{s1}		<i>Mx1</i> ^{s1}

Data were obtained from Mouse Genome Informatics (MGI, <http://www.informatics.jax.org/>), The Jackson Laboratory (<https://www.jax.org/>) and Osman et al. Immunogenetics 49(10): 851-859, 1999.

Supplemental Table 2

Supplemental Table 2. Summary of the renal lesion of IFN α Tg C57BL/6 (B6) mice

IFN α Tg B6 mouse	#1	#2	#3	#4	#5	mean
WHO class V	22.2%	11.1%	17.9%	20.8%	17.1%	17.8 \pm 4.2%
IV	25.9%	74.1%	32.1%	66.7%	20.0%	43.8 \pm 24.8%
III	37.1%	11.1%	35.7%	12.5%	42.9%	27.8 \pm 14.9%
II & I	14.8%	3.7%	14.3%	0%	20.0%	10.6 \pm 8.3%

The renal lesion was clarified referring to human WHO criteria (ref. 44). The mean \pm SD of 5 mice.

Supplemental Table 3

Supplemental Table 3. The percent cell population in the spleen of IFN α Tg C57BL6/FVBN and control mice

	Control	IFN α Tg	p value
% lymphocyte-gated	78.6 \pm 6.2%	71.7 \pm 1.1%	N.S.
lymphocyte-gated lymphocyte subsets			
CD3 ⁺	40.6 \pm 10.3%	45.7 \pm 15.9%	N.S.
CD3 ⁺ CD4 ⁺	21.0 \pm 6.0%	25.5 \pm 8.5%	N.S.
CD3 ⁺ CD8 ⁺	18.7 \pm 5.2%	18.3 \pm 14.5%	N.S.
B220 ⁺	52.5 \pm 10.3%	44.2 \pm 12.5%	N.S.
CD11c ⁺	1.0 \pm 0.1%	1.3 \pm 0.7%	N.S.
CD11b ⁺	7.2 \pm 0.5%	7.5 \pm 0.8%	N.S.

The mean \pm SD of 4 mice/group. N.S. ; not statistically significant.