

## Duke/UNC/Stanford Phenotyping

Strain	Diabetes Induction	Blood Glucose	Blood Pressure	AC Ratio	Pathology
C57BL/6	STZ	x	x	x	Renal
MRL/Mp	STZ	x	x	x	Renal
BALB/c	STZ	x	x	x	Renal
DBA/2	STZ	x	x	x	Renal
129/SvEv	STZ	x	x	x	Renal
C57BL/6- <i>Ins2</i> <sup>Akita</sup>	genetic	x	x	x	(Renal)
<i>Tp</i> <sup>-/-</sup> (C57BL/6)	STZ	x	x	x	(Renal)
<i>Tp</i> <sup>-/-</sup> (BALB/c)	STZ	x	x	x	(Renal)
<i>TIMP3</i> <sup>-/-</sup>	STZ	x	x	x	(Renal)
<i>Agtr1a</i> dupl (2/2)	STZ	x	x	x	(Renal)
<i>Bdkr2</i> <sup>-/-</sup>	STZ	x	-	x	(Renal)
<i>Bdkr2</i> <sup>-/-</sup> x <i>Ins2</i> <sup>Akita</sup>	genetic	x	x	x	((Renal)
<i>Nos3</i> <sup>-/-</sup>	STZ	(x)	-	(x)	(Renal)
<i>Apoe</i> <sup>-/-</sup> (B6) 2mo old	STZ	x	x	x	Renal/Vascular
<i>Apoe</i> <sup>-/-</sup> (B6) 6mo old	STZ	x	x	x	(Renal)/Vascular
<i>Cbs</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> (w/o Met)	STZ	x	x	x	(Renal)/Vascular
<i>Cbs</i> <sup>-/-</sup> <i>Apoe</i> <sup>-/-</sup> (w Met)	STZ	x	x	x	(Renal)/Vascular
F <sub>1</sub> (DBA/2 x <i>Ins2</i> <sup>Akita</sup> )	genetic	x	x	(x)	(Renal)
<i>Ppar</i> <sup>P435L/+</sup> (129xB6 F1)	STZ	(x)	(x)	(x)	(Renal/Vascular)
129xB6 F1	STZ	(x)	(x)	(x)	(Renal Renal)
<i>Alb-Ren-Tg</i>	STZ	(x)			
<i>Ace2</i> <sup>-ly</sup>	STZ	(x)			
<i>mPges1</i> <sup>-/-</sup>	STZ	(x)			

(x) in progress

## Duke/UNC/Stanford Phenotyping (cont.)

Strain	Diabetes Induction	Blood Glucose	Blood Pressure	AC Ratio	Pathology
<i>Apoe</i> <sup>-/-</sup> (129)	STZ	(x)			
<i>Apoe</i> <sup>2/2</sup> (B6)	STZ	(x)			
* <i>Ppar</i> <sup>P435L/+</sup> <i>Apoe</i> <sup>-/-</sup> (129)					
* <i>Ace2</i> <sup>-ly</sup> x <i>Ins2</i> <sup>Akita</sup>					
*DBA/2 x <i>Ins2</i> <sup>Akita</sup>					
*129/Svev x <i>Ins2</i> <sup>Akita</sup>					
* <i>Alb-Ren-Tg</i> x <i>Ins2</i> <sup>Akita</sup>					
* <i>Nos3</i> <sup>-/-</sup> x <i>Ins2</i> <sup>Akita</sup>					
** <i>Npr1</i> <sup>-/-</sup> <i>Ins2</i> <sup>Akita</sup>					
** <i>Agtr1a</i> <sup>high</sup> <i>Ins2</i> <sup>Akita</sup>					
** <i>AS</i> <sup>high</sup> <i>Ins2</i> <sup>Akita</sup>					

(x) in progress

\* Breeding in progress

\*\* Breeding Planned