

Figure S5. Imai A, et al.

	gene	location on Ch. 18	knockout (KO) mouse line	phenotype in KO mouse
1	<i>Vaultrc5</i>	36,801,763..36,802,107	not reported	
2	<i>Zmat2</i>	36,793,923..36,799,660	not reported	
3	<i>Hars2</i>	36,783,202..36,792,562	generated by IMPC	Phenotyping has not been finished
4	<i>Hars</i>	36,766,528..36,783,205	not reported	
5	<i>Dnd1</i>	36,763,671..36,766,214		
6	<i>Wdr55</i>	36,760,222..36,763,708	Yougren KK, et al. <i>Nature</i> . 2005	Embryonic lethal
7	<i>Ik</i>	36,744,656..36,757,639	generated by IMPC	Embryonic lethal , Prewaning lethal
8	<i>Ndufa2</i>	36,742,332..36,744,587	not reported	
9	<i>Tmco6</i>	36,735,019..36,742,400	generated by IMPC	Prewaning lethal, Increased or absent threshold for auditory brainstem response
10	<i>Cd14</i>	36,725,064..36,726,815	Haziot A, et al. <i>Immunity</i> . 1996	Resistant to septic shock
11	<i>Gm41699</i>	36,709,020..36,718,962	not reported	
12	<i>E230025N22Rik</i>	36,684,923..36,696,091	not reported	
13	<i>Slc35a4</i>	36,679,215..36,683,862	not reported	
14	<i>Apbb3</i>	36,671,154..36,679,366	generated by IMPC	No significant phenotypes reported
15	<i>Sra1</i>	36,667,187..36,670,311	Liu S, et al. <i>Journal of Biological Chemistry</i> . 2014	Resistant to high fat diet obesity
16	<i>Eif4ebp3</i>	36,664,060..36,666,324	generated by IMPC	Increased vertical activity , Decreased monocyte cell number