



**B**

Summary of edited *Sp140* homologs in *Sp140*<sup>-/-</sup> mice

Name	Dataset	Distinguishing SNPs from <i>Sp140</i> mRNA	Edited in <i>Sp140</i> <sup>-/-1</sup> ?	Edited in <i>Sp140</i> <sup>-/-2</sup> ?	Estimated level of expression in TB-infected lungs
LOC100041057	<i>Sp140</i> exon 3 amplicons, DNA ( <i>Sp140</i> <sup>-/-1</sup> and B6)	G at 1483, T at 1513	Yes	Unknown (not expressed)	None
<i>Sp140</i> homolog 1	<i>Sp140</i> exon 3 amplicons, DNA ( <i>Sp140</i> <sup>-/-1</sup> and B6)	T at 1482, G at 1483	Yes	Unknown (not expressed)	None
<i>Sp140</i> homolog 2	<i>Sp140</i> exon 2, 3 amplicons, cDNA; RNA-seq of TB-infected lungs	None	Yes	No	Expressed
<i>Sp140</i> homolog 3	<i>Sp140</i> exon 3 amplicons, cDNA	T at 1462	Yes	Yes	Very low (not detectable by RNA-seq)
<i>Sp140</i> homolog 4	<i>Sp140</i> exon 3 amplicons, cDNA	T at 1500	Yes	Yes	Very low (not detectable by RNA-seq)

**Figure 2 – figure supplement 3. Characterization of off-target genes mutated in *Sp140*<sup>-/-</sup> mice. (A)** Schematic of amplicon sequencing strategy for *Sp140* and *Sp140* homologs. **(B)** Summary of edited *Sp140* homologs from amplicon sequencing and RNA-seq analysis. SNPs are denoted based on the *Sp140* X1 transcript. Expression level was roughly estimated from read counts. Three B6 and 2 *Sp140*<sup>-/-</sup> mice from each founder line were used as biological replicates for *Sp140* exon 2/3 amplicon sequencing from cDNA, 2 mice per genotype were used for *Sp140* exon 3 amplicon sequencing from cDNA, and 1 mouse per genotype was used for *Sp140* exon 3 amplicon sequencing from DNA.