

**Table S1. Strains used in animal experiments**

Group	Strain	Source
<i>L. casei</i> 1	M2-07-F01-L4-2-1	Human feces
<i>L. casei</i> 2	M2-06-F01-L4-2-3	Cow dung
<i>L. casei</i> 3	CCFM1073 (JS-WX-3-L-3)	Infant feces
<i>L. casei</i> 4	RS8-5	Fermented milk
<i>L. casei</i> 5	FGDLZ41	Infant feces