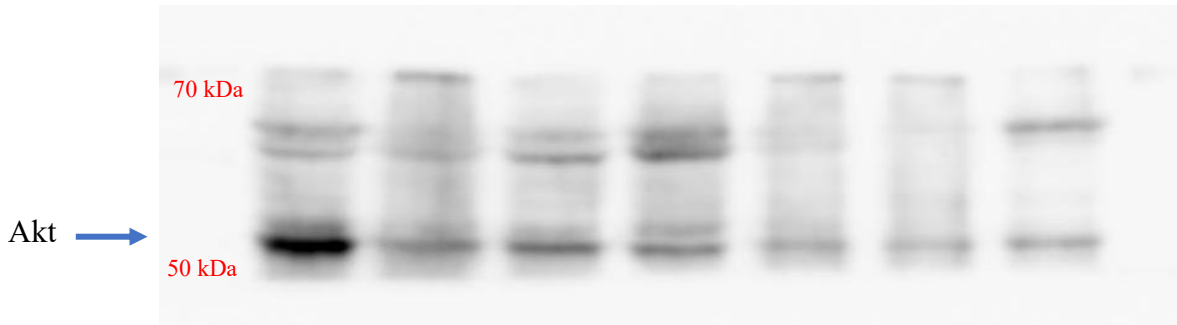


Akt

Animals used in the present study

Animals used in another study\*

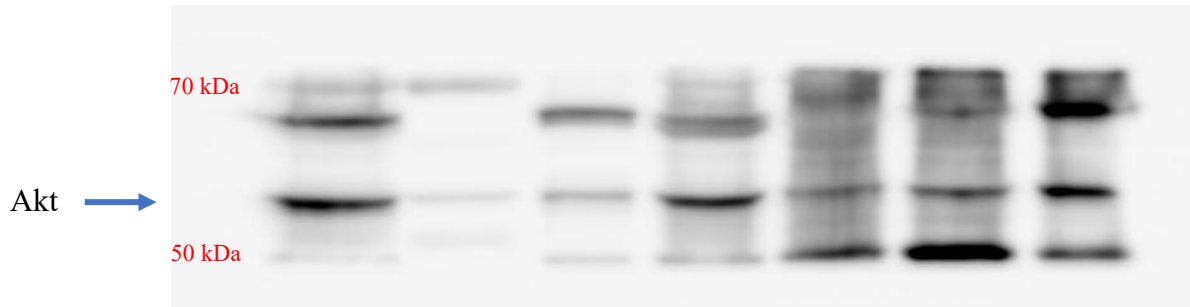
N18      C27      F49      M30



Animals used in the present study

Animals used in another study\*

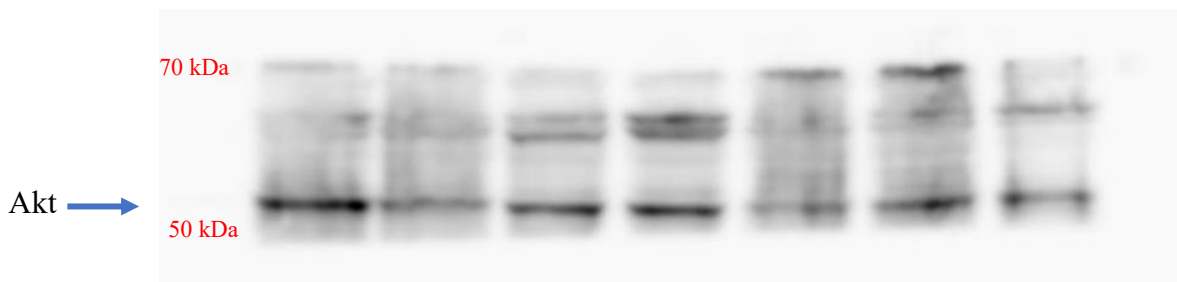
N33      C14      F25      M23



Animals used in the present study

Animals used in another study\*

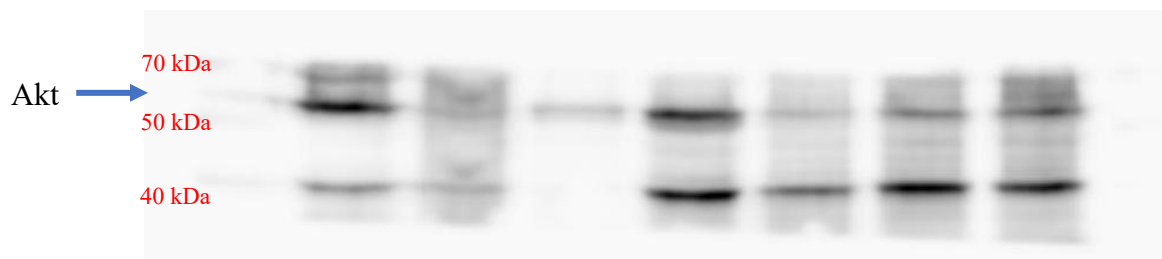
N53      C33      F6      M36



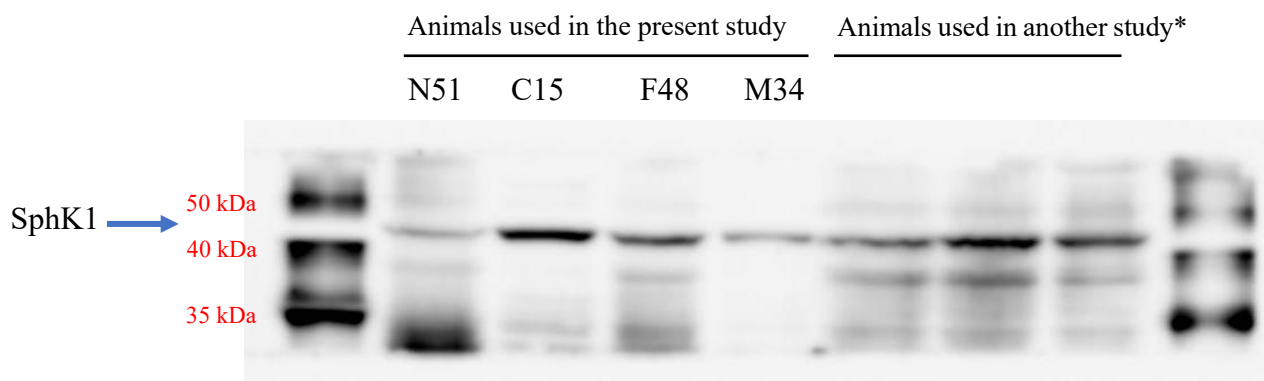
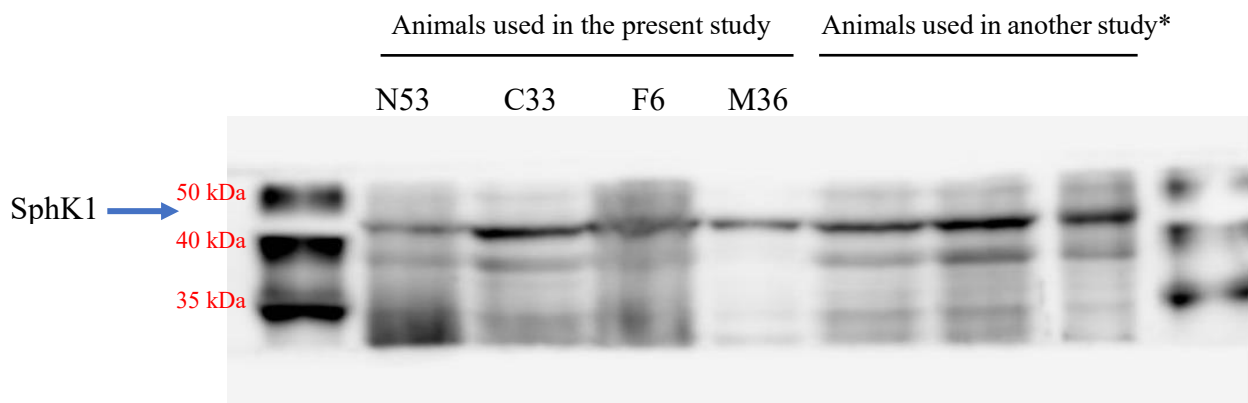
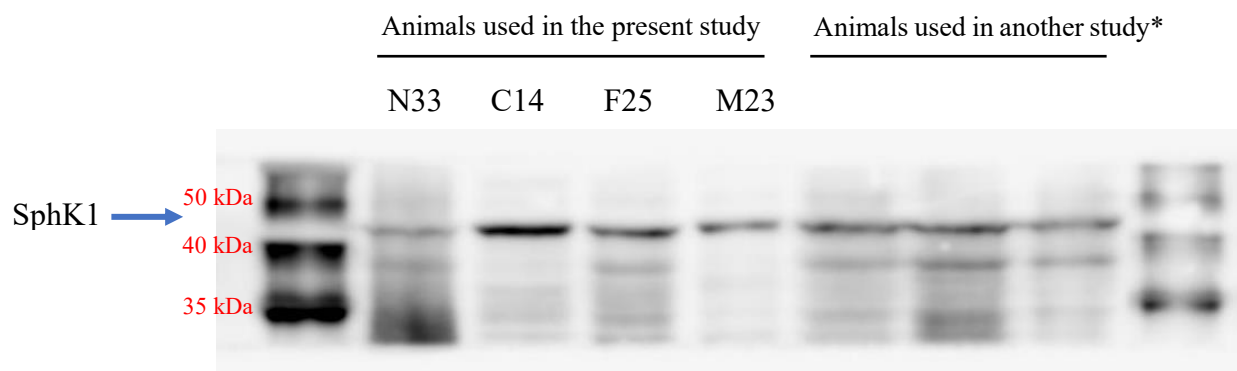
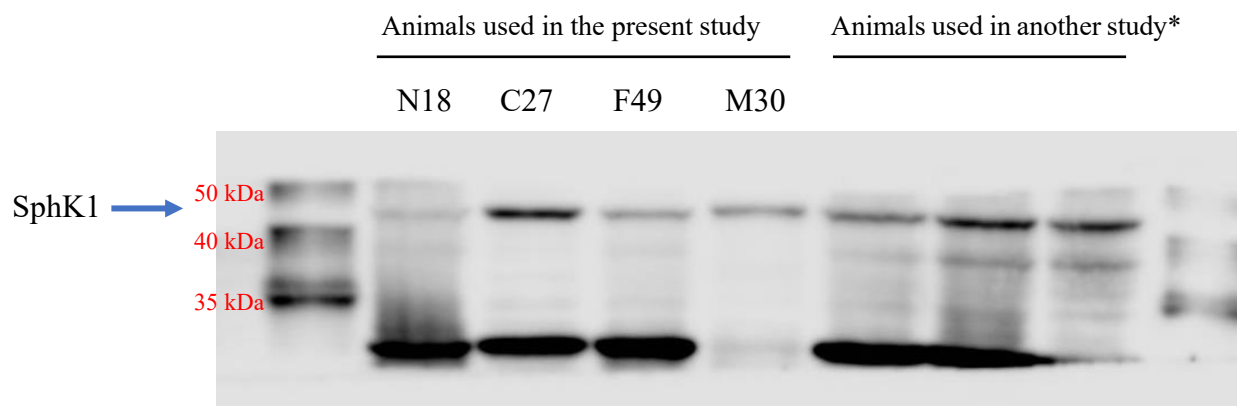
Animals used in the present study

Animals used in another study\*

N51      C15      F48      M34



# SphK1

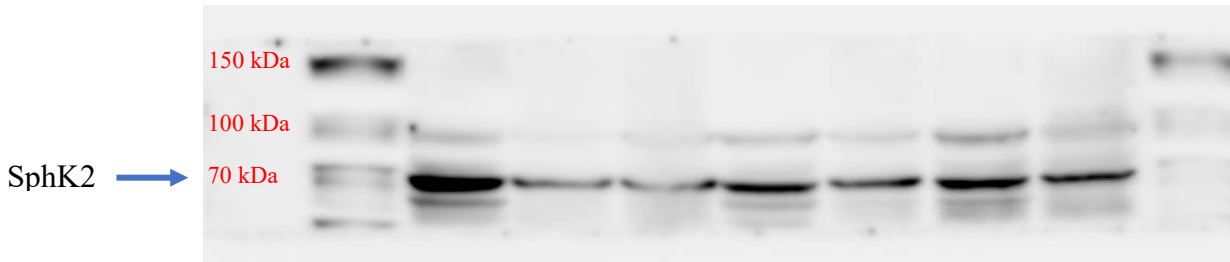


Sphk2

Animals used in the present study

Animals used in another study\*

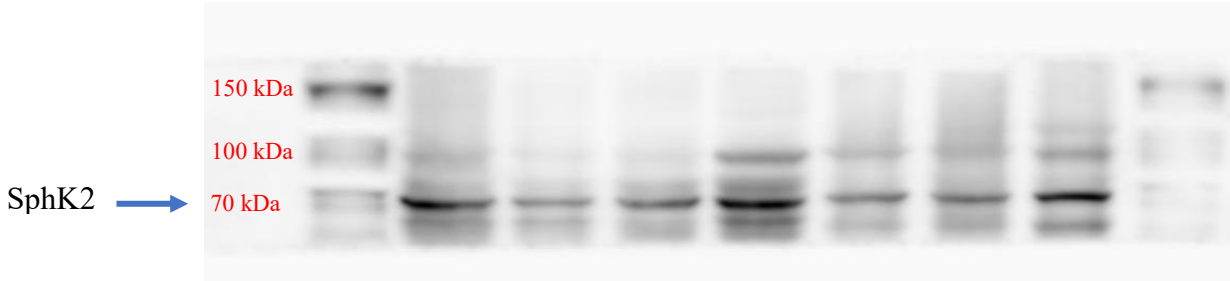
N18 C27 F49 M30



Animals used in the present study

Animals used in another study\*

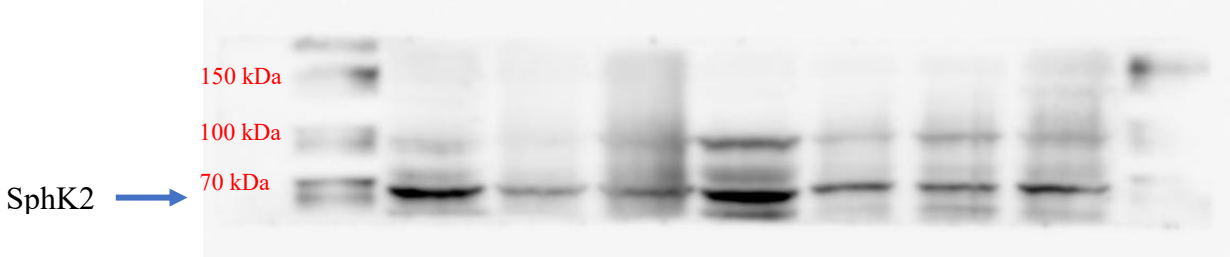
N33 C14 F25 M23



Animals used in the present study

Animals used in another study\*

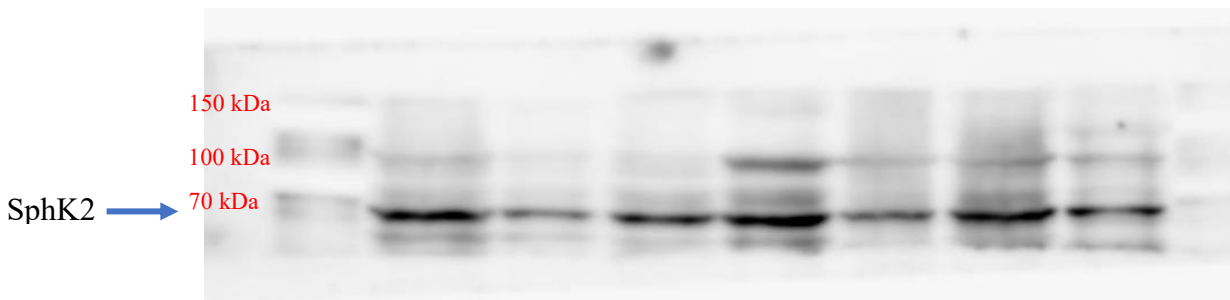
N53 C33 F6 M36



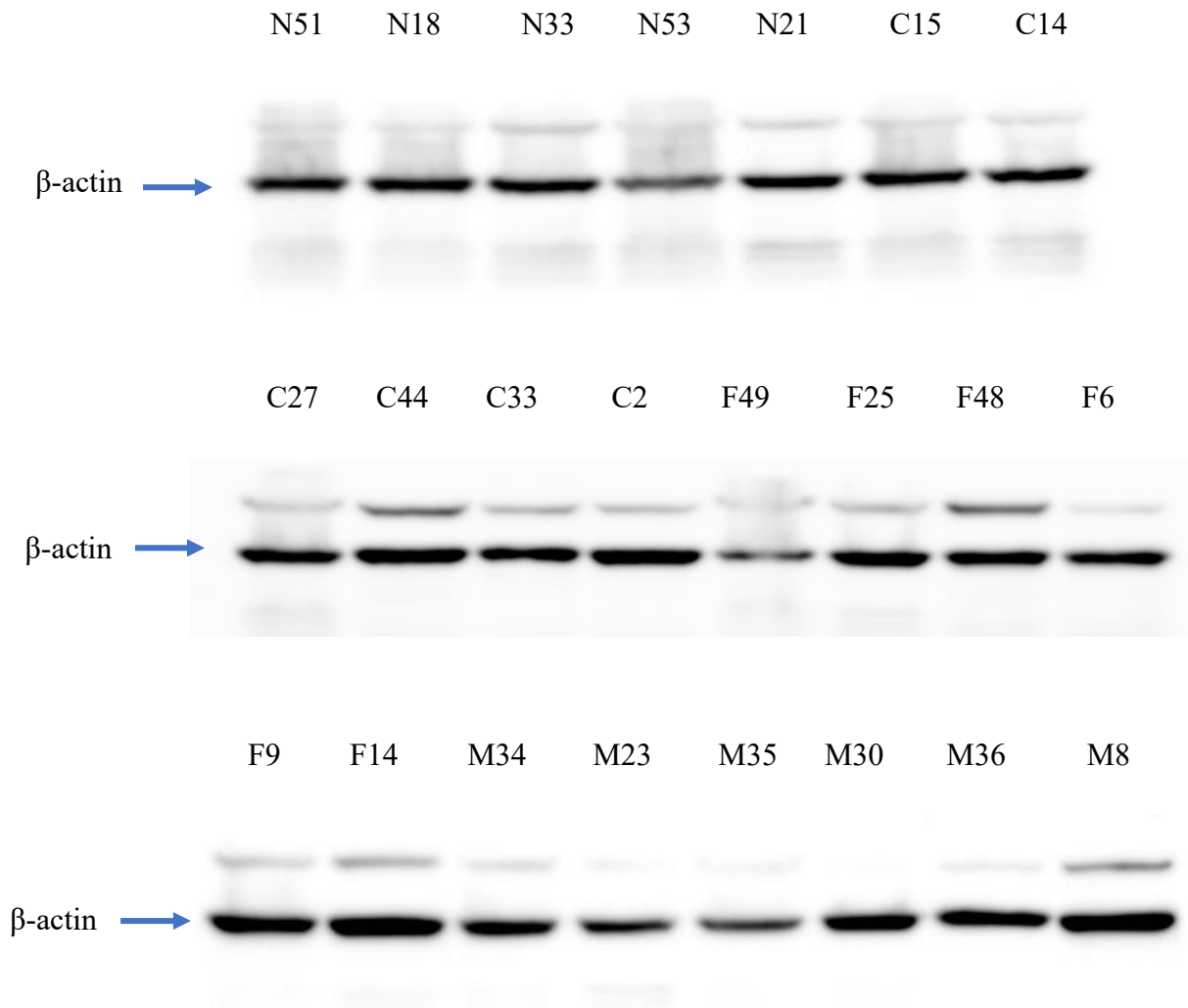
Animals used in the present study

Animals used in another study\*

N51 C15 F48 M34



$\beta$ -actin



The mice used in the present study are as follows. Normal diet+CO : N51, N33, N18, N53; HFHF+CO: C15, C14, C27, C33; HFHF+FO: F48, F25, F49, F6; HFHF+MO: M34, M23, M30, M36. \*The three groups of mice were not related to the present study, they were used in another study to investigate the effects of fumonisin B<sub>1</sub> on sphingolipid and glucose metabolism.