

Supplemental Materials

Supplemental Figure and Figure Legends

Figure S1

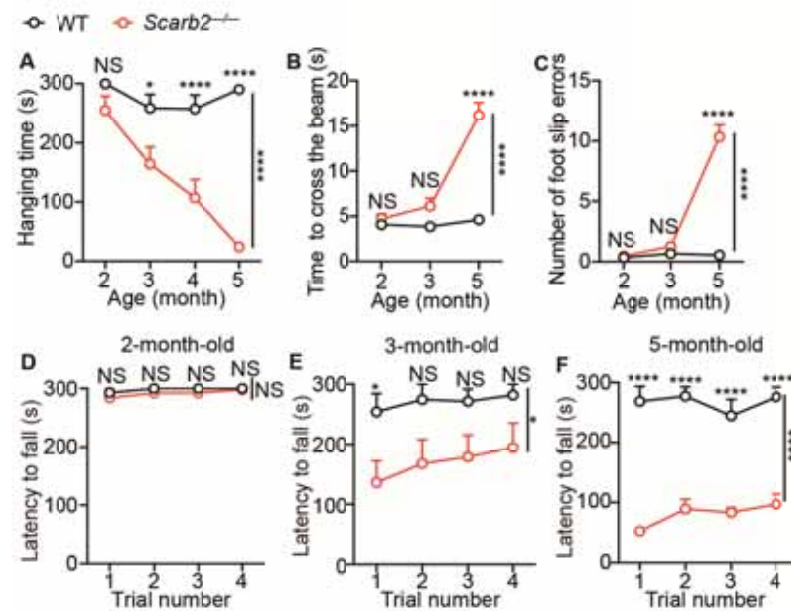


Figure S1. *Scarb2*^{-/-} mice develop age-dependent movement impairments. (A) Hanging time of the indicated mice at different ages (n=8 mice per group). (B, C) Time to cross the beam (B) and number of foot slip errors (C) in the beam cross test in WT and *Scarb2*^{-/-} mice at different ages (n=8 mice per group). (D-F) Latency to fall, measured by rotarod test, of the indicated mice at different ages (n=8 per mice group). Means with bars indicating s.e.m. are plotted in (A-F). *P* values were calculated using two-way ANOVA with the Bonferroni correction for multiple tests in (A-F). NS indicates no significant difference (*P*>0.05). **P*<0.05, *****P*<0.0001.

Table S1 Primers related to Methods

Gene Name	Sequences 5'-3'
FXR	TCCAGGGTTTCAGACACTGG GCCGAACGAAGAAACATGG
FGF15	ACGTCCTTGATGGCAATCG GAGGACCAAACGAACGAAATT
Shp	CGATCCTCTTCAACCCAGATG AGGGCTCCAAGACTTCACACA
Ibabp	CAGGAGACGTGATTGAAAGGG GCCCCAGAGTAAGACTGGG
Ostalpa	TTGTGATCAACCGCATTTGT CTCCTCAAGCCTCCAGTGTC
Asbt	TTGCACAGCACAAGCAGTGA TGCATTGAAGTTGCTCTCAGGT
CD36	GCCAAGCTATTGCGACATGA ATCTCAATGTCCGAGACTTTTCAAC
FABP2	TGCGAACTGGAGACCATGAC TCAGTCACGGACTTTATGCCT
FATP4	CCAGTAGTGTGGCCAACTTCCT CCACAGACCCACAACTCATTG
DGAT1	TTTCAGCAATTATCGTGGTATCC AAAAATAACCTTGCATTACTCAGGA
DGAT2	GCGCTACTTCCGAGACTACTT GGGCCTTATGCCAGGAAACT
ACAT2	AGACTTGGTGCAATGGACTCGAC CATAGGGCCCGATCCAACAG
APOB	TGAATGCACGGGCAATGA GGCATTACTTGTTCATGGTTCT
APOA4	CACACAGACCCAGGAAATGA CCTTGATCGTGGTCTGCAT
MTPP	ATGATCCTCTTGGCAGTGCTT TGAGAGGCCAGTTGTGTGAC
Plin2	CACTCCACTGTCCACCTGATT TCCTGAGCACCCCTGAATTTT
Cyp7a1	AGCAACTAAACAACCTGCCAGTACTA GTCCGGATATTCAAGGATGCA
Cyp8b1	GGCTGGCTTCCTGAGCTTATT ACTTCCTGAACAGCTCATCGG
Cyp7b1	GAACCGATCGAACCTAAATTCCT TAGCCCTCTTTCCTCCACTCATA
MafG	GACCCCAATAAAGGAAACAA TCAACTCTCGCACCGACA
Gapdh	AGGTCGGTGTGAACGGATTTG TGTAGACCATGTAGTTGAGGTCA