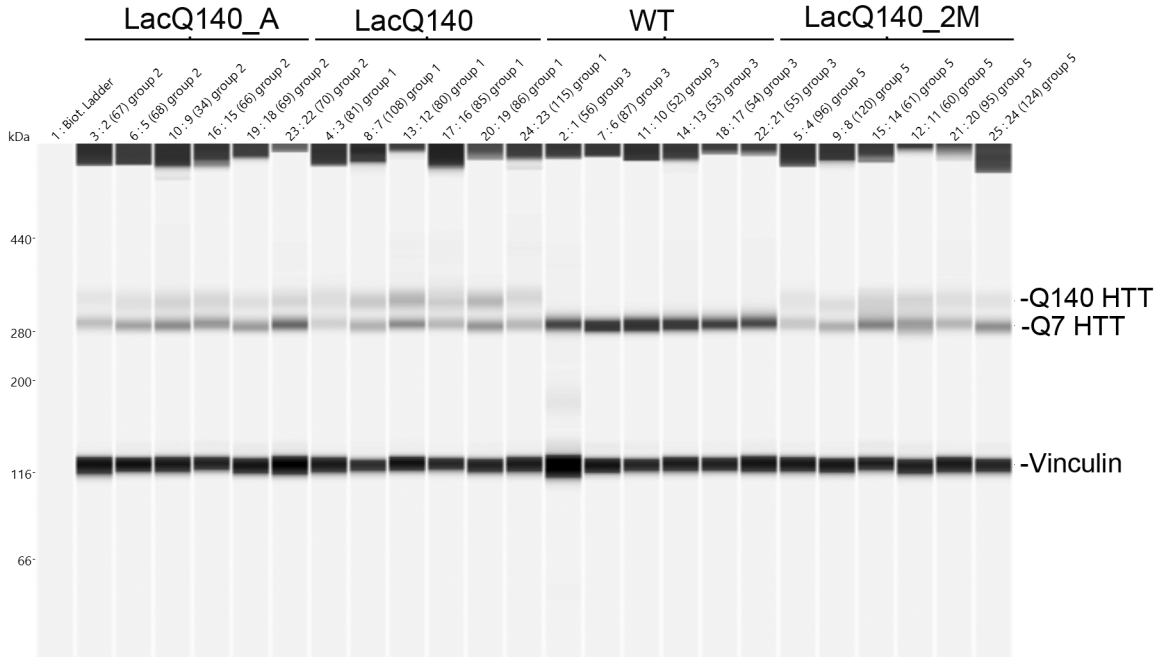


Fig 2a

Ab1 1:50 + Vinculin 1:2000



MW1 1:50 + Vinculin 1:2000

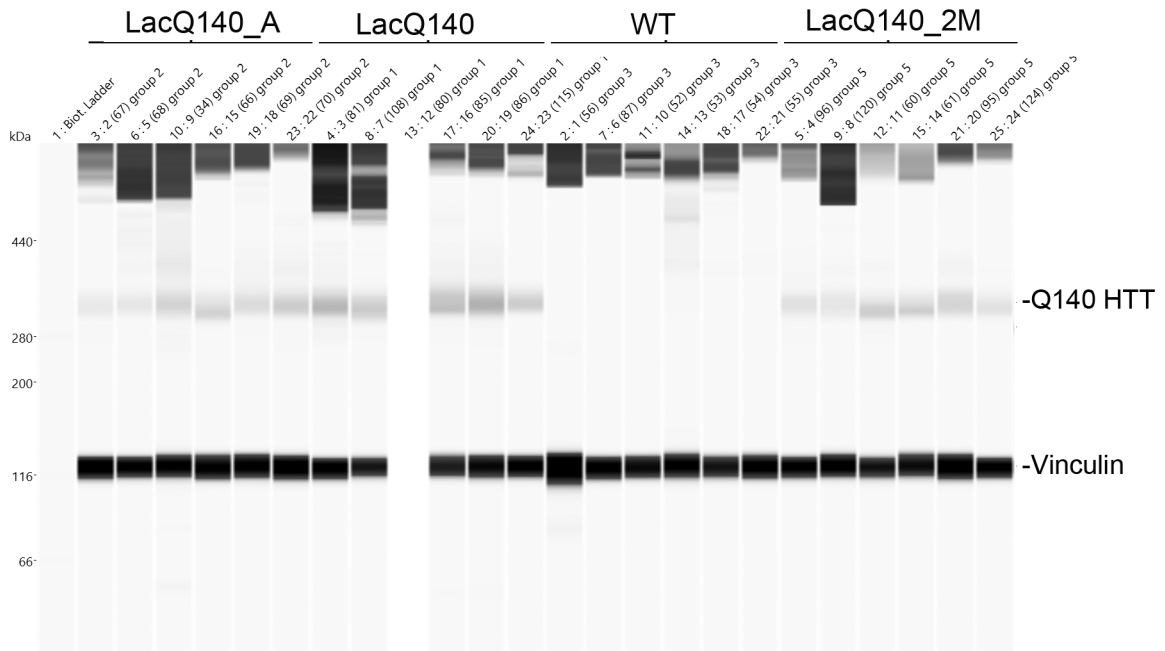
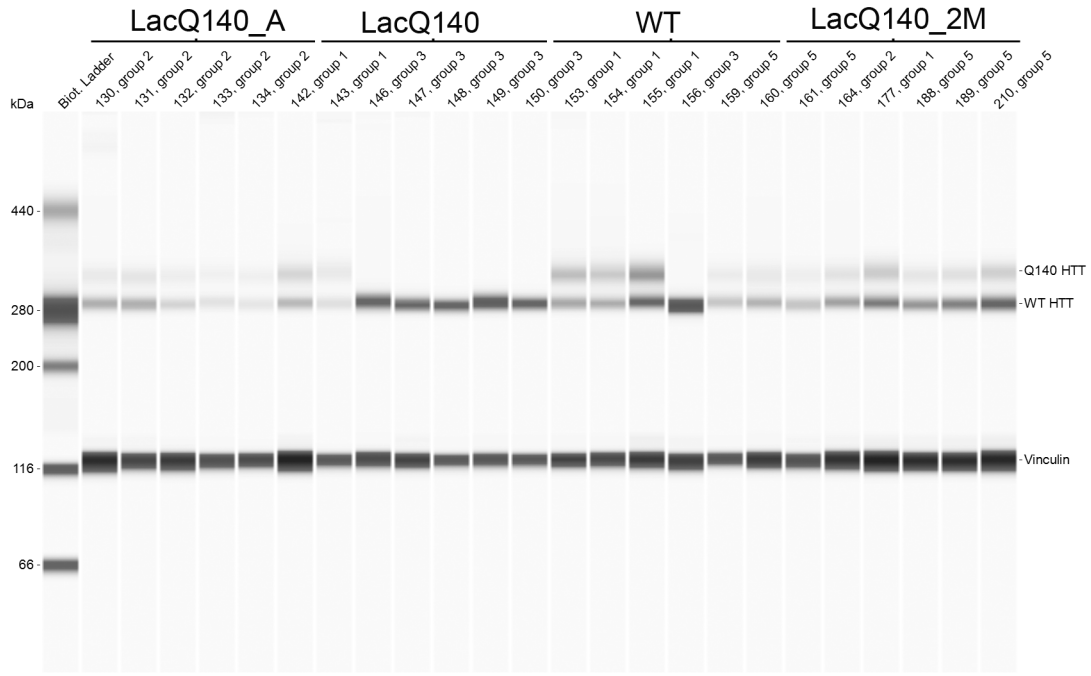


Fig 2b

Ab1 1:50 + Vinculin 1:2000



MW1 1:50 + Vinculin 1:2000

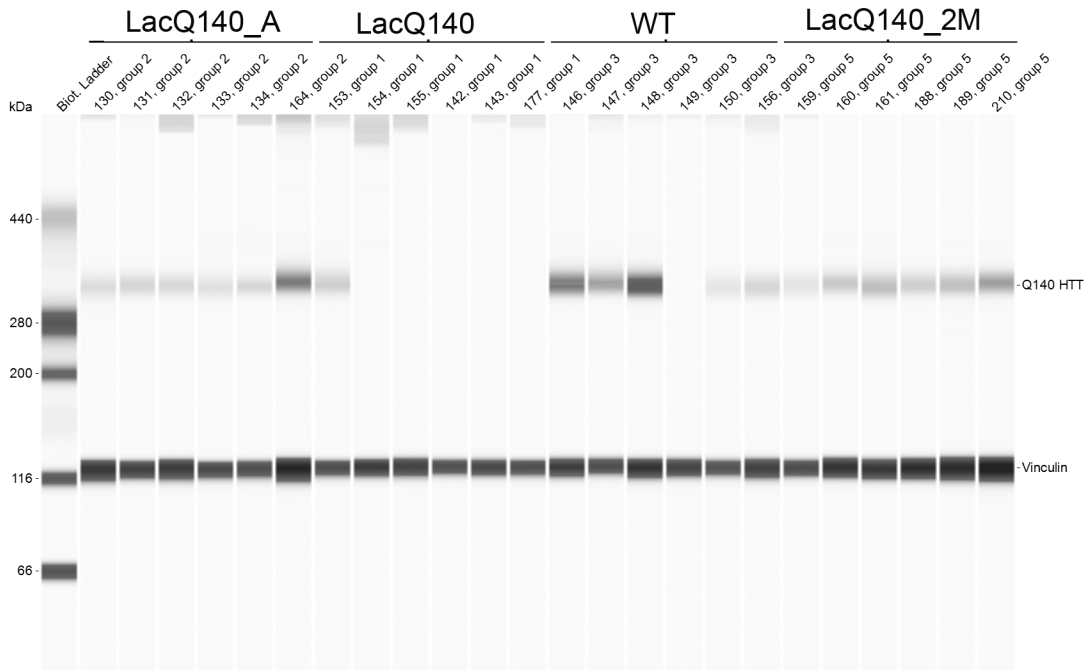
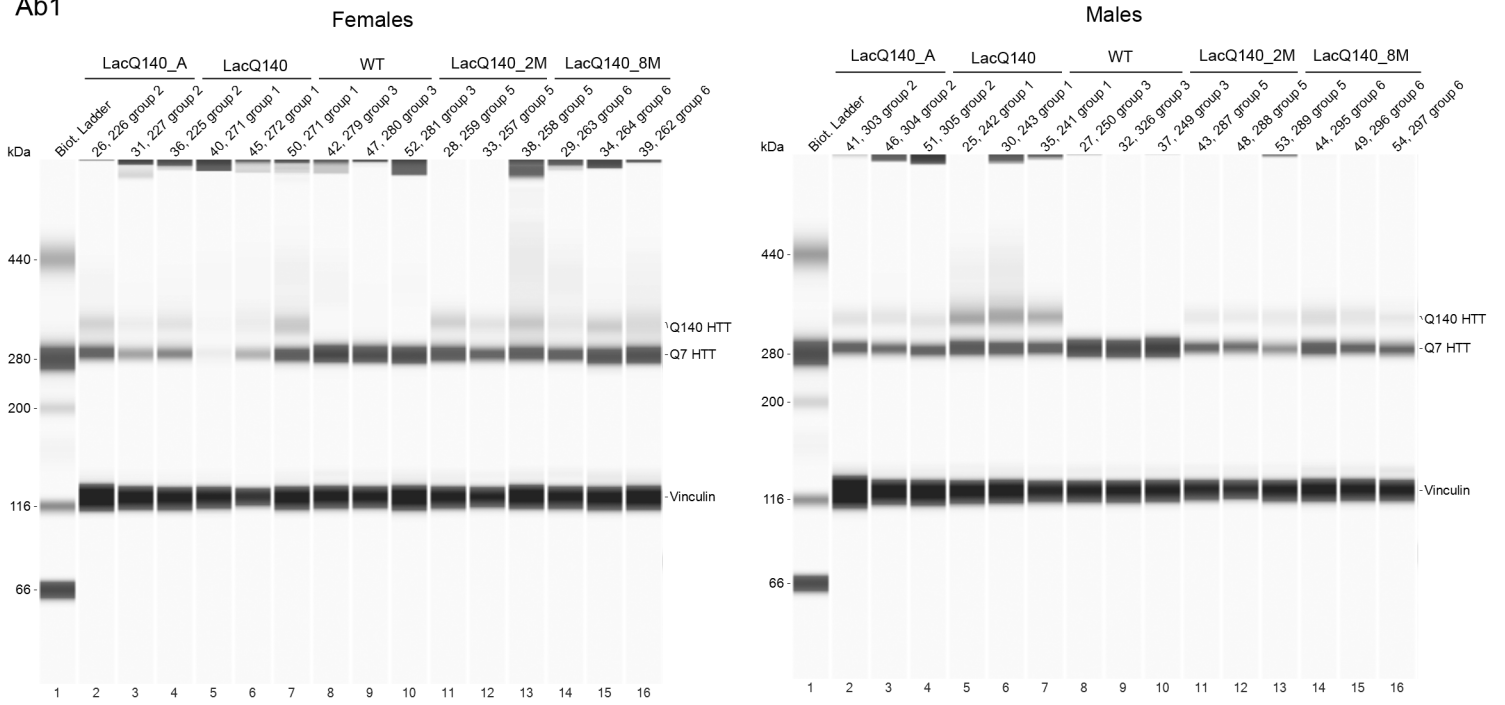


Fig 2c

Ab1



MW1

Group 1 = LacQ140
 Group 2 = LacQ140_A
 Group 5 = LacQ140_2M
 Group 6 = LacQ140_8M

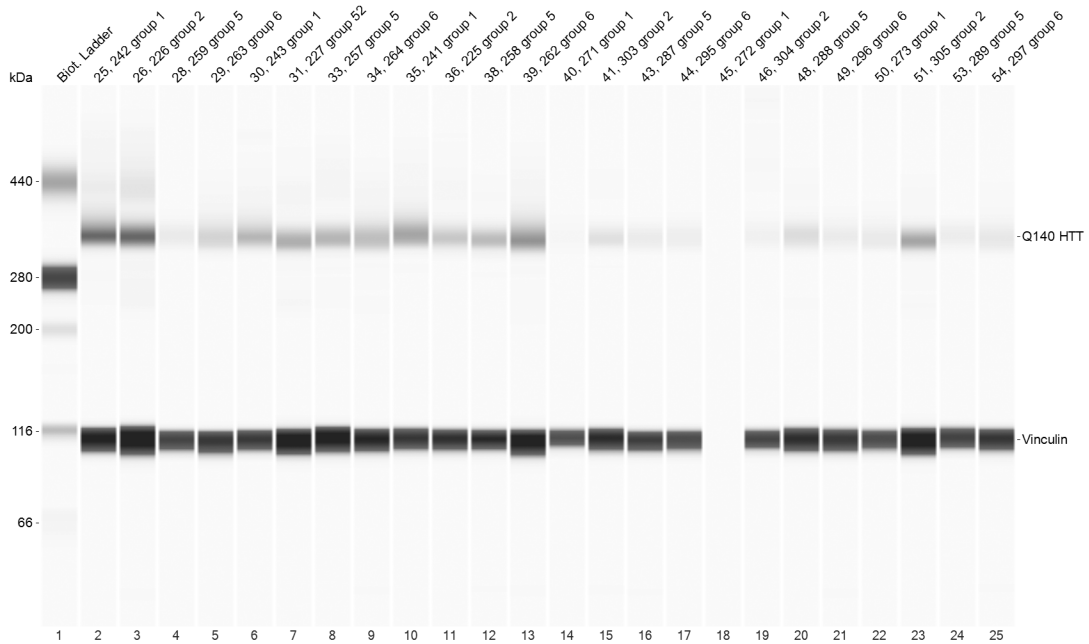


Fig 3a

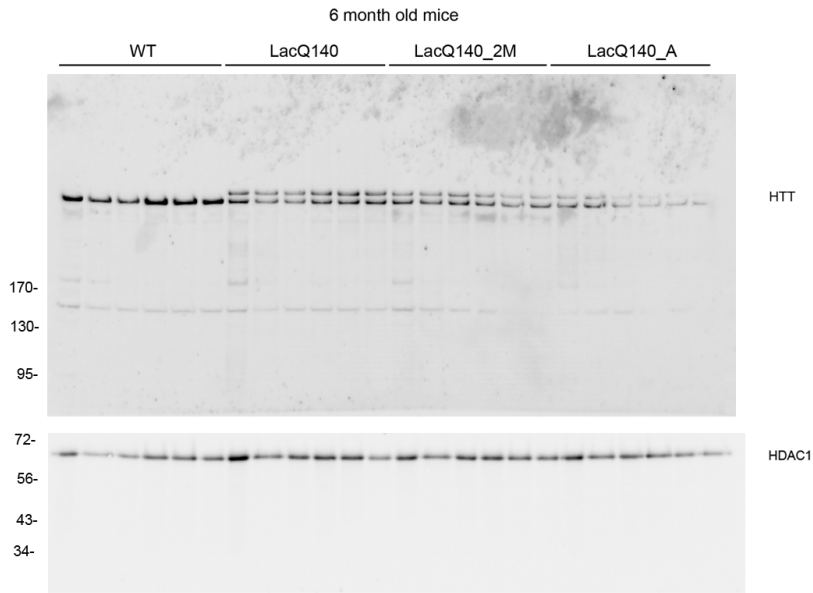


Fig 3b

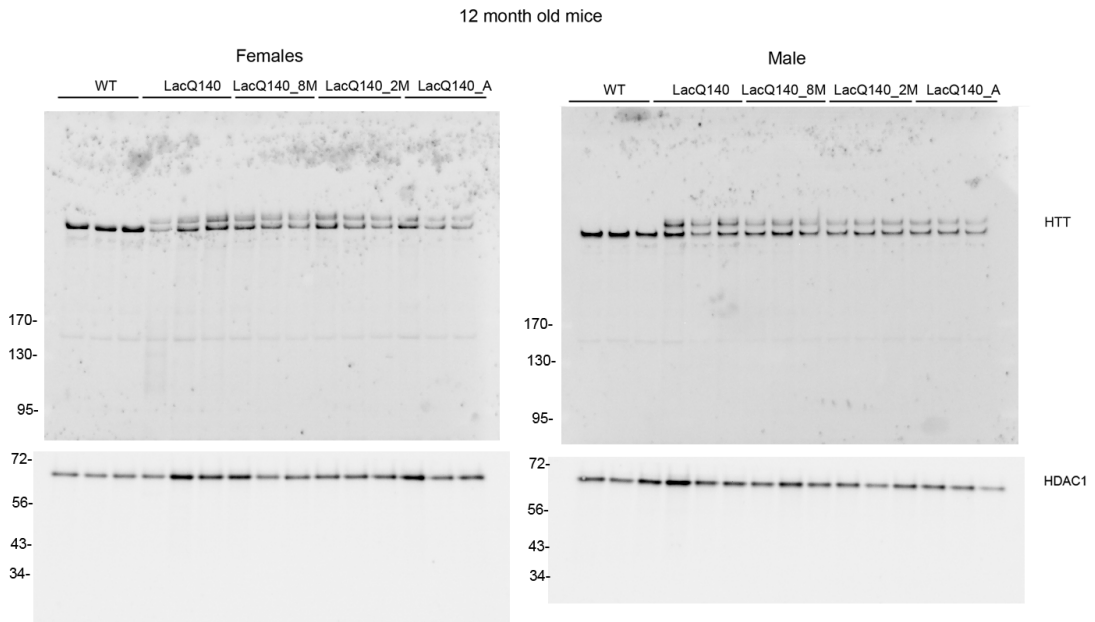


Fig 3c

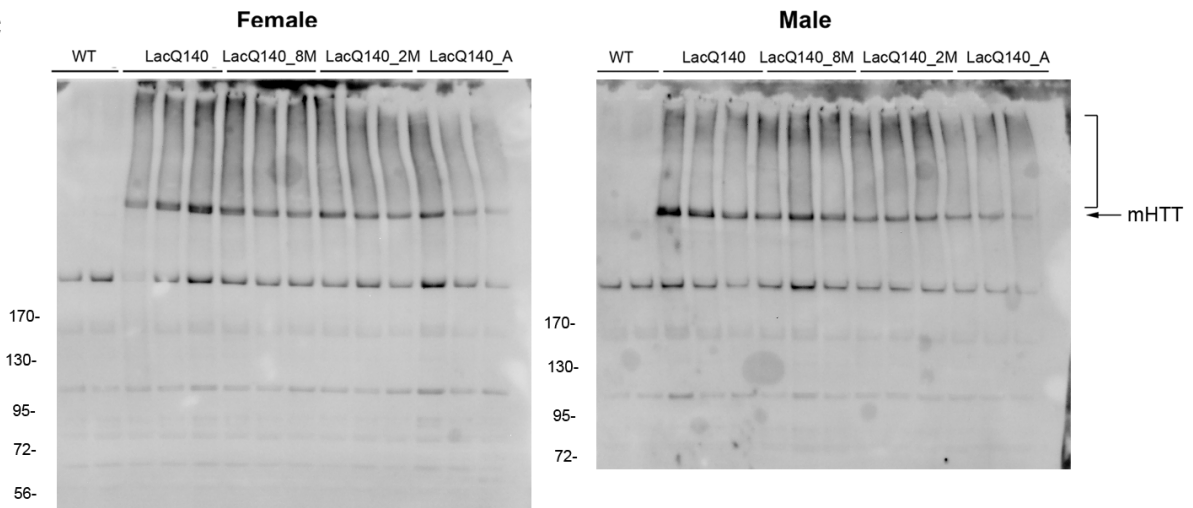


Fig S1a

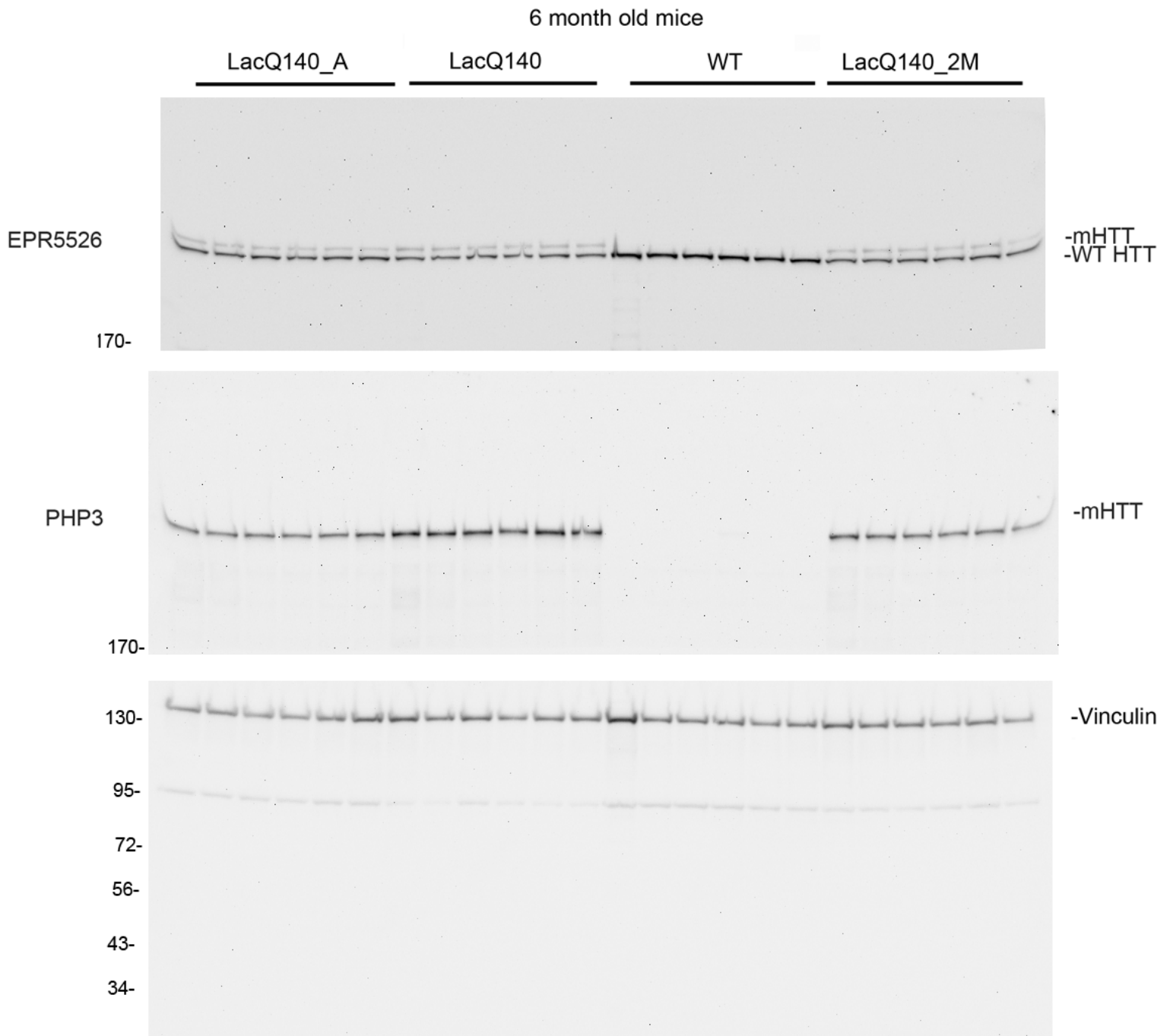


Fig S1b

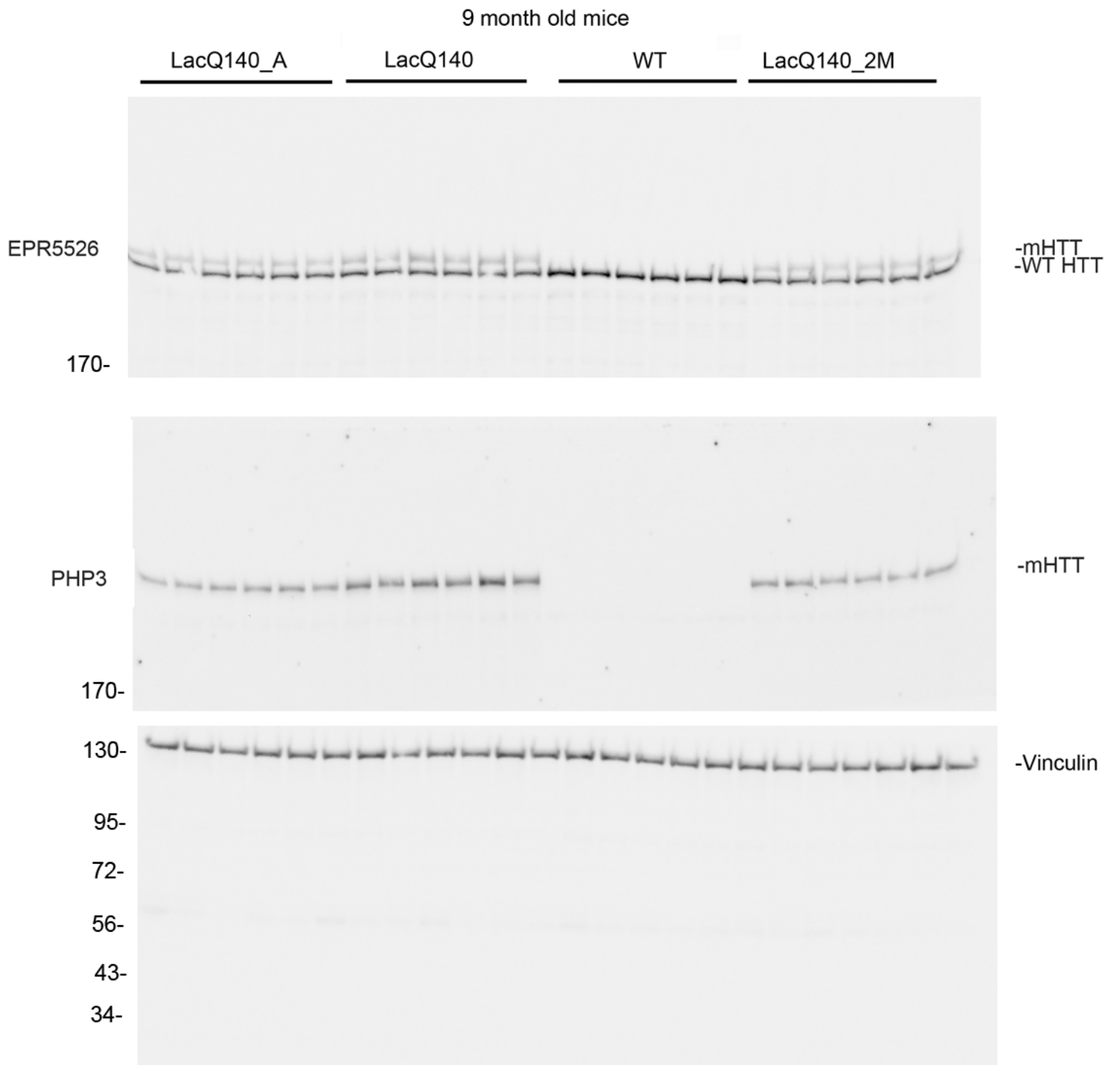


Fig S1c

12 month old mice

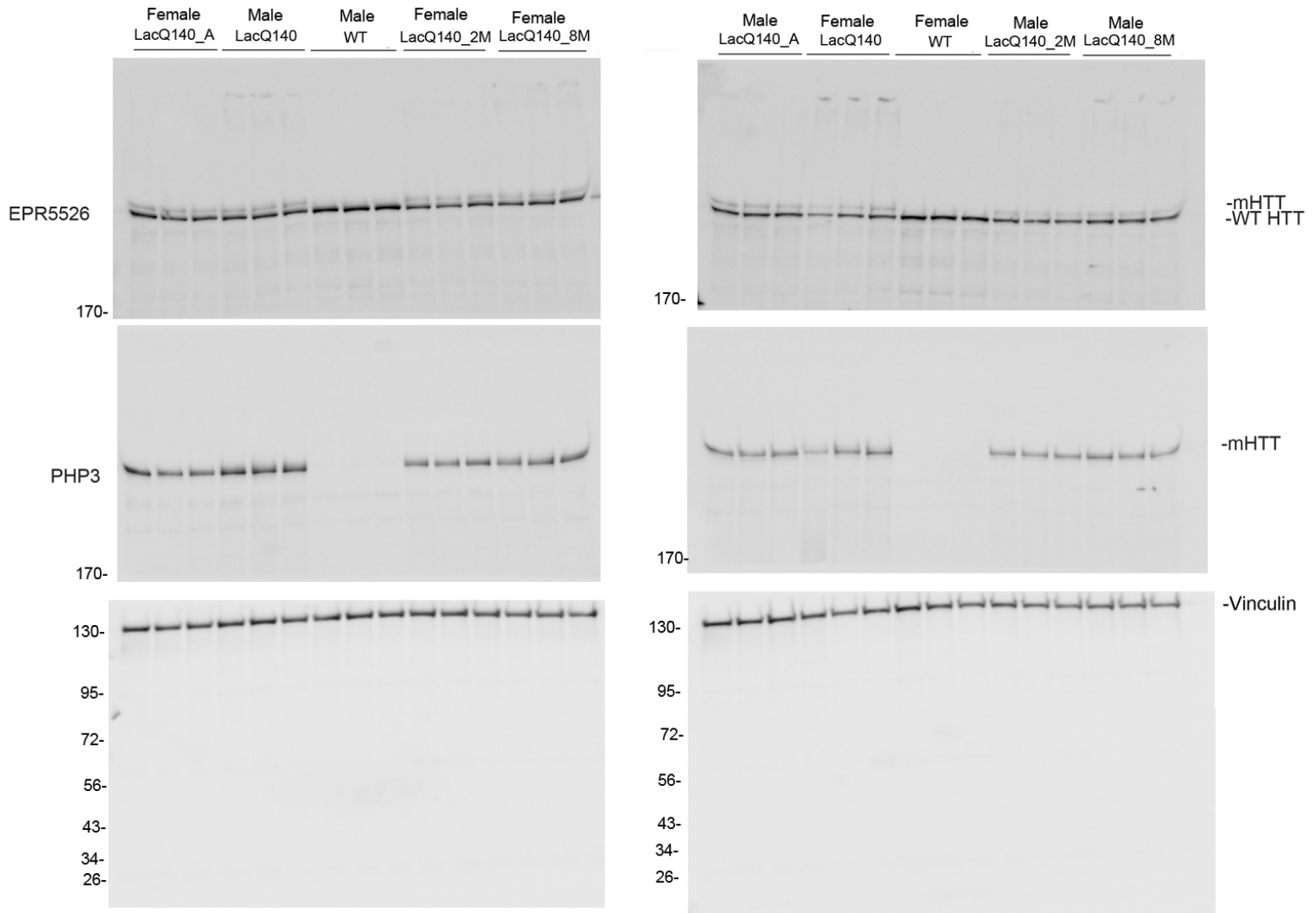
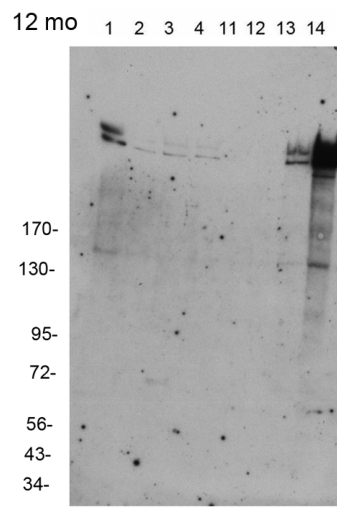
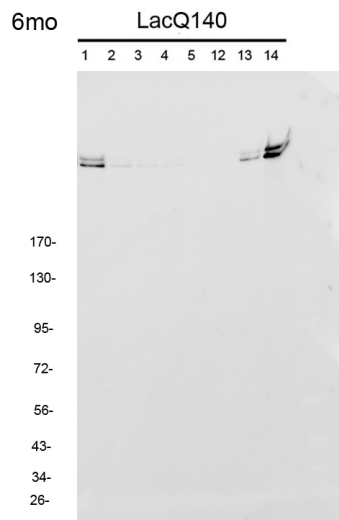
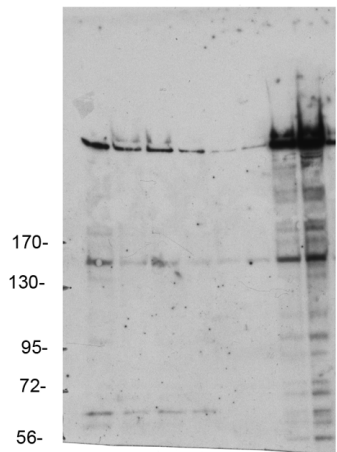
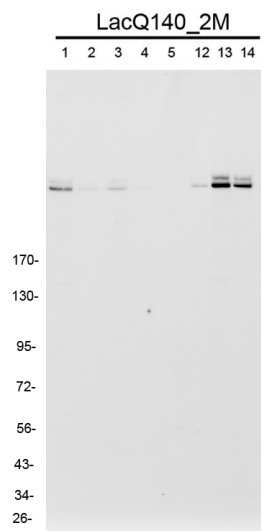


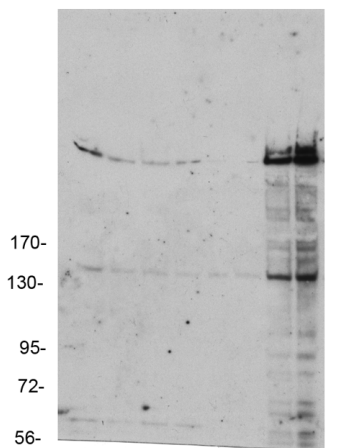
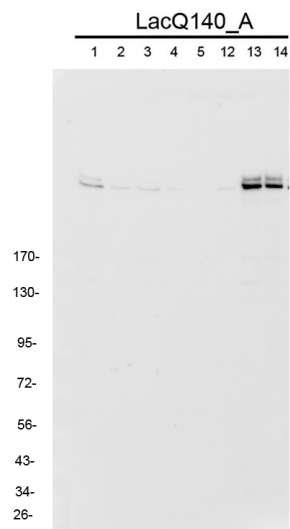
Fig S2



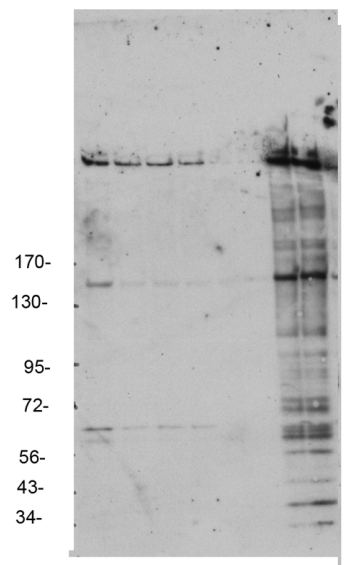
LacQ140



LacQ140_8M



LacQ140_2M



LacQ140_A

Fig S3a

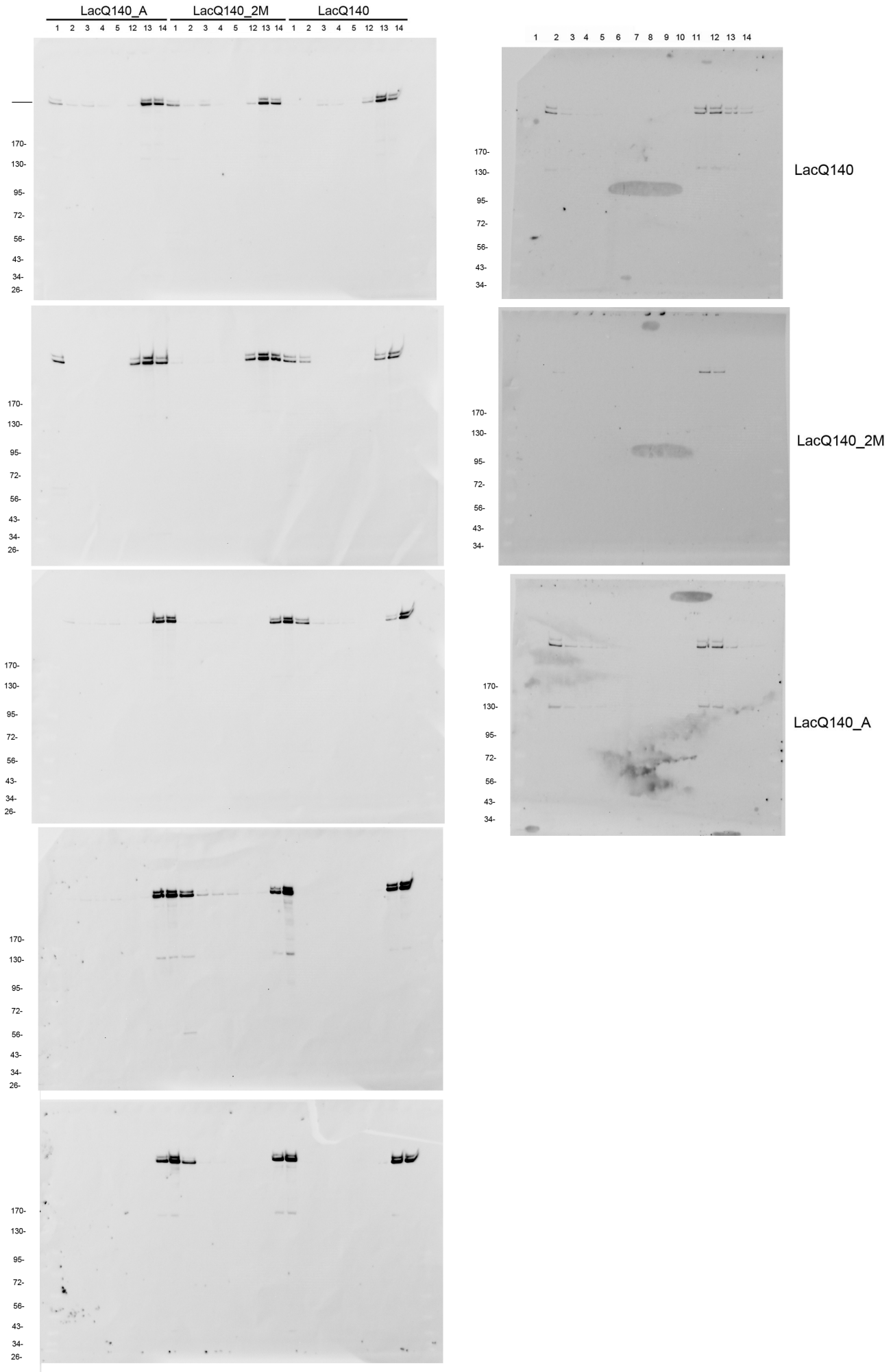


Fig S3c

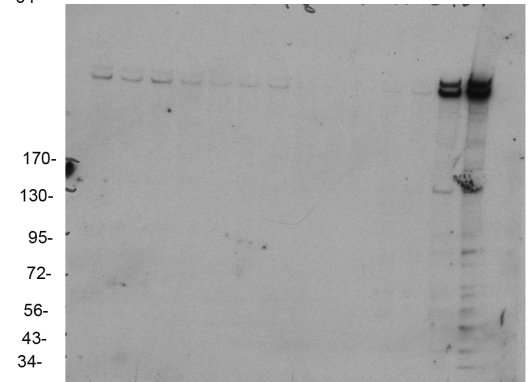
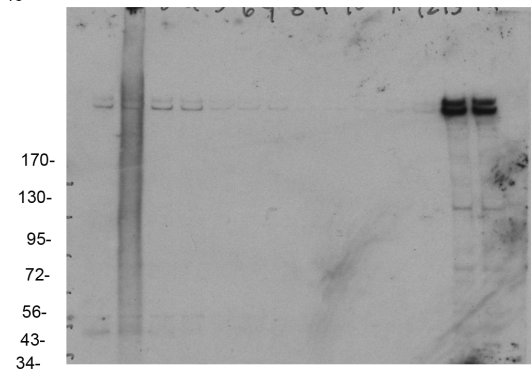
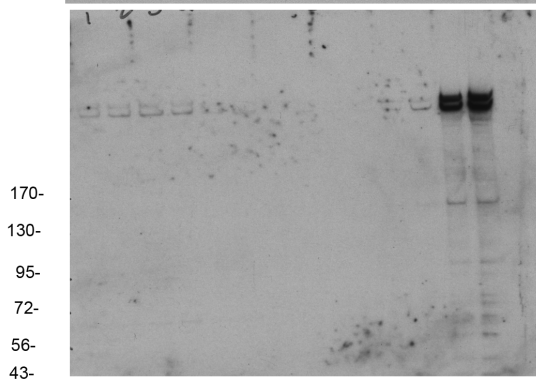
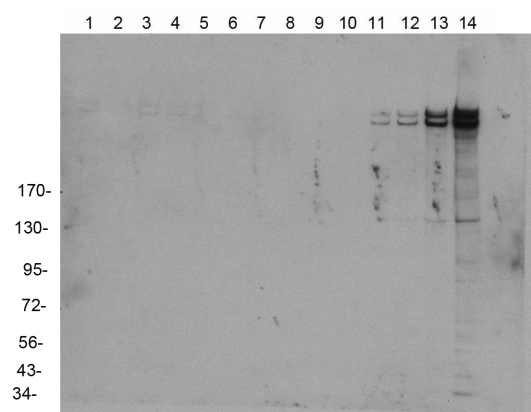
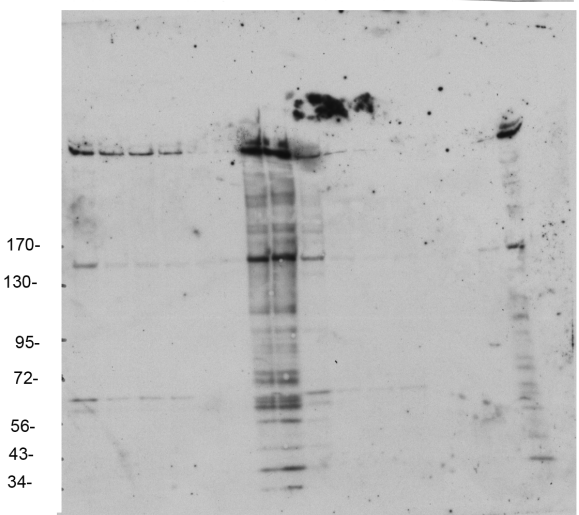
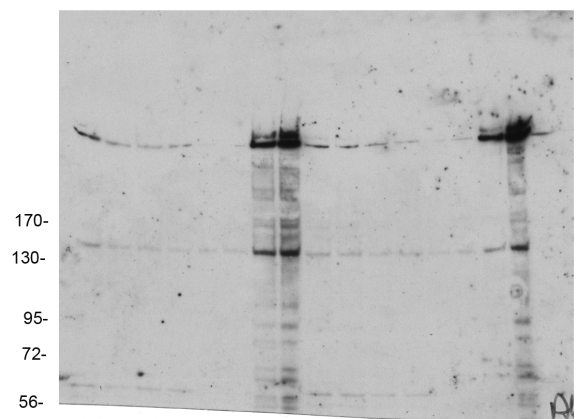
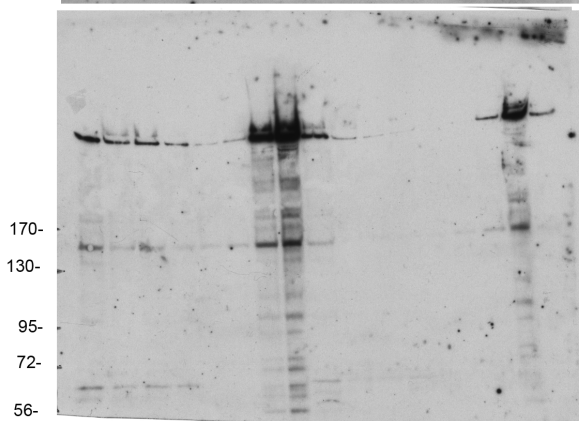
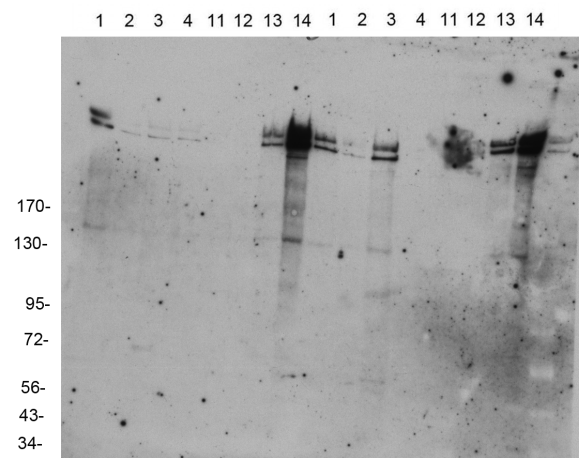


Fig S5a

6 month old mice

LacQ140_A

LacQ140

WT

LacQ140_2M

130-

95-

72-

56-

43-

34-

-PDE10A

130-

95-

72-

56-

43-

34-

-SCN4B

130-

95-

72-

56-

43-

34-

-Vinculin

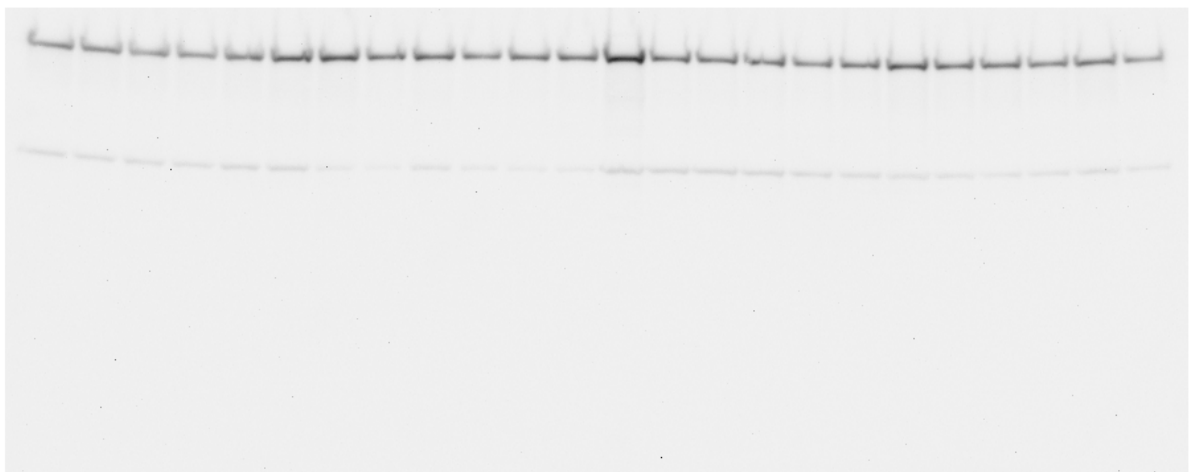
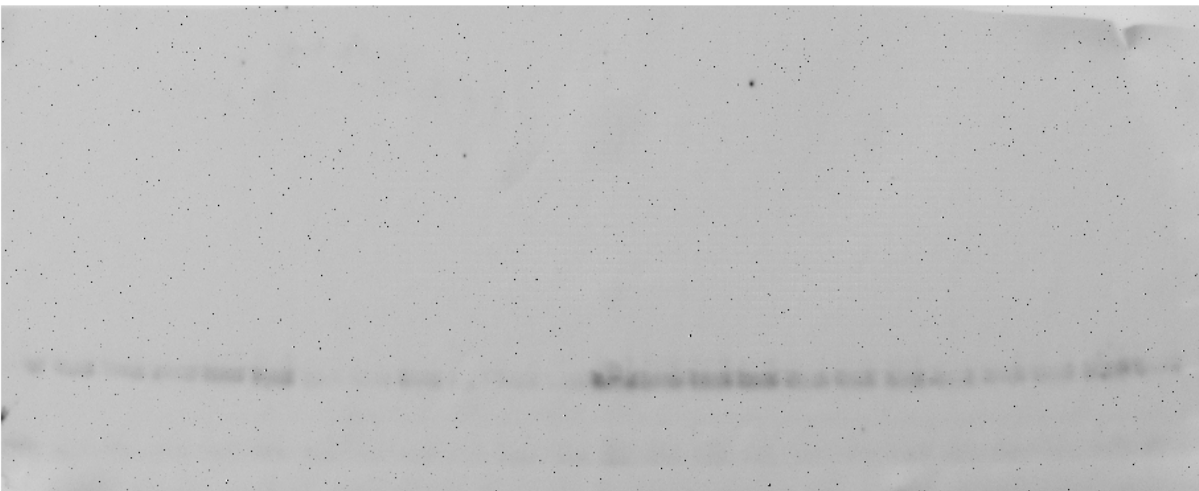
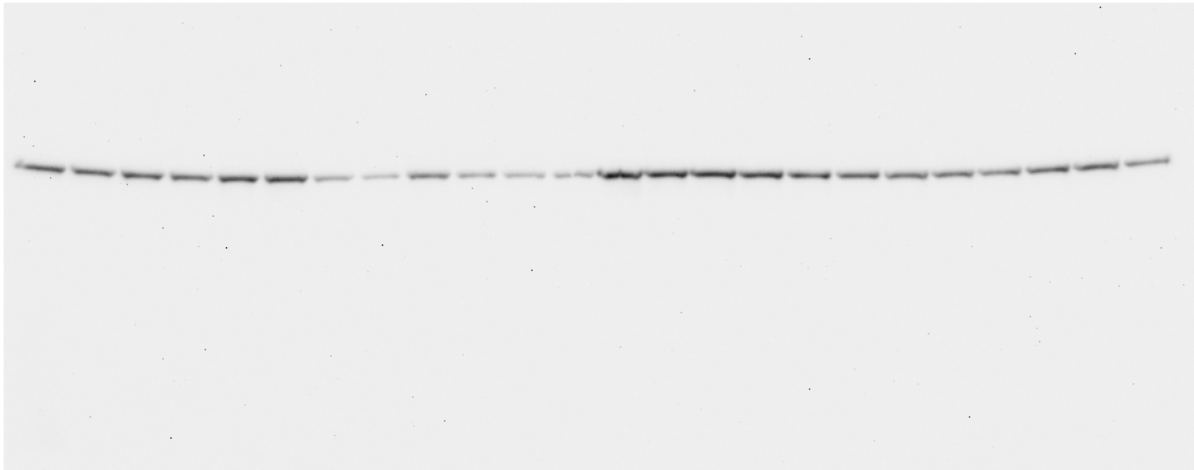


Fig S5b

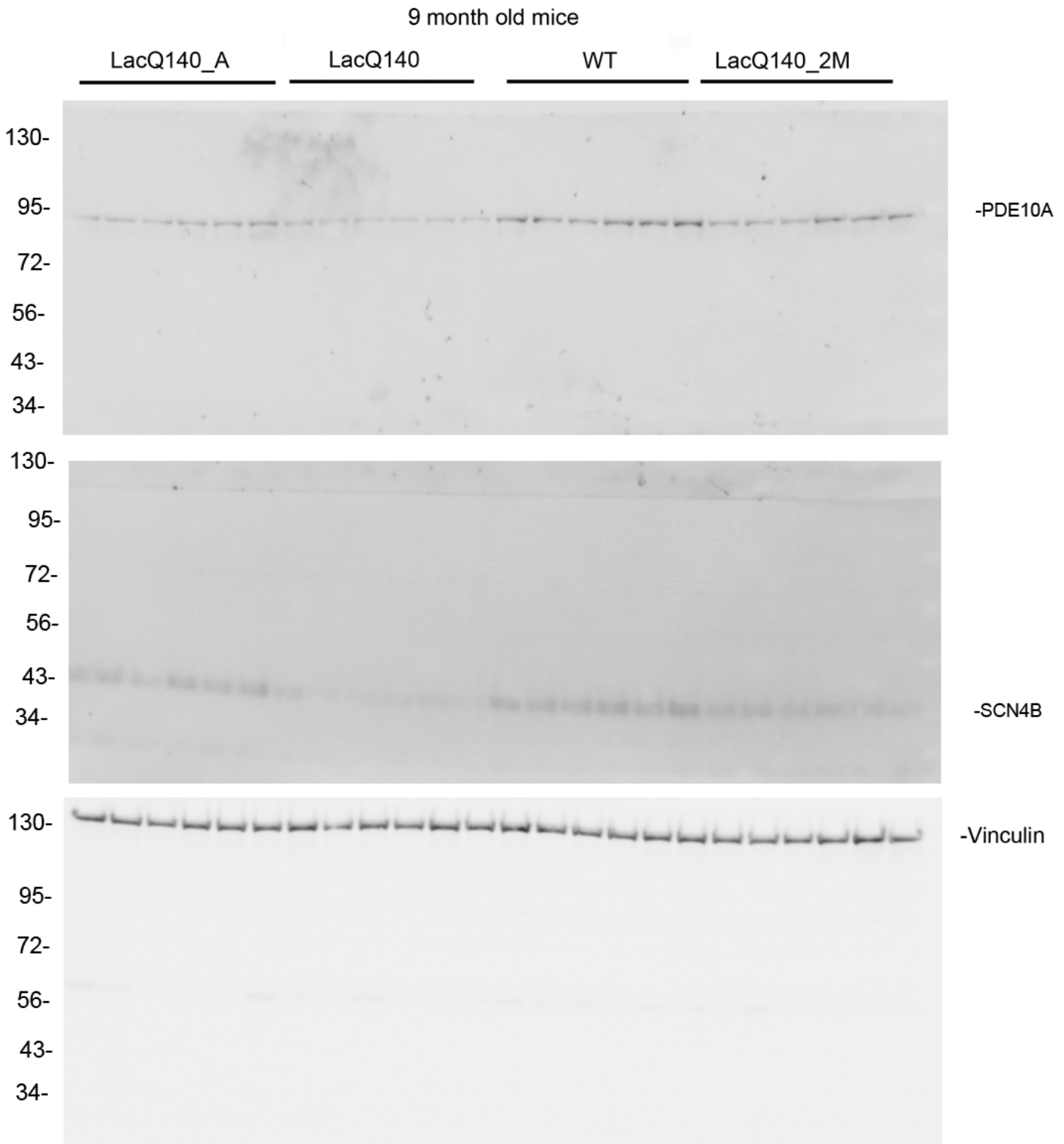


Fig S6a

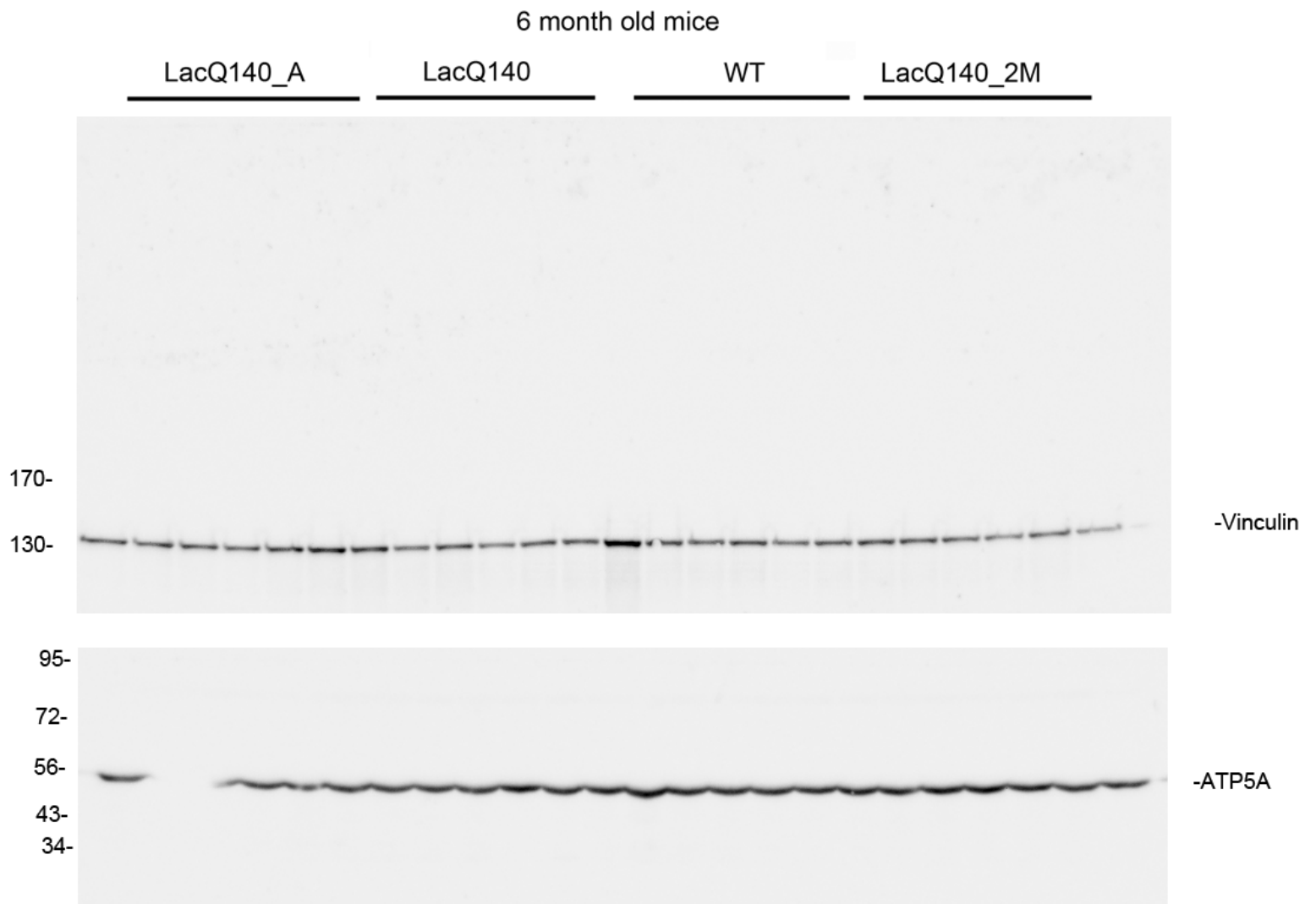


Fig S6b

9 month old mice

LacQ140_A

LacQ140

WT

LacQ140_2M

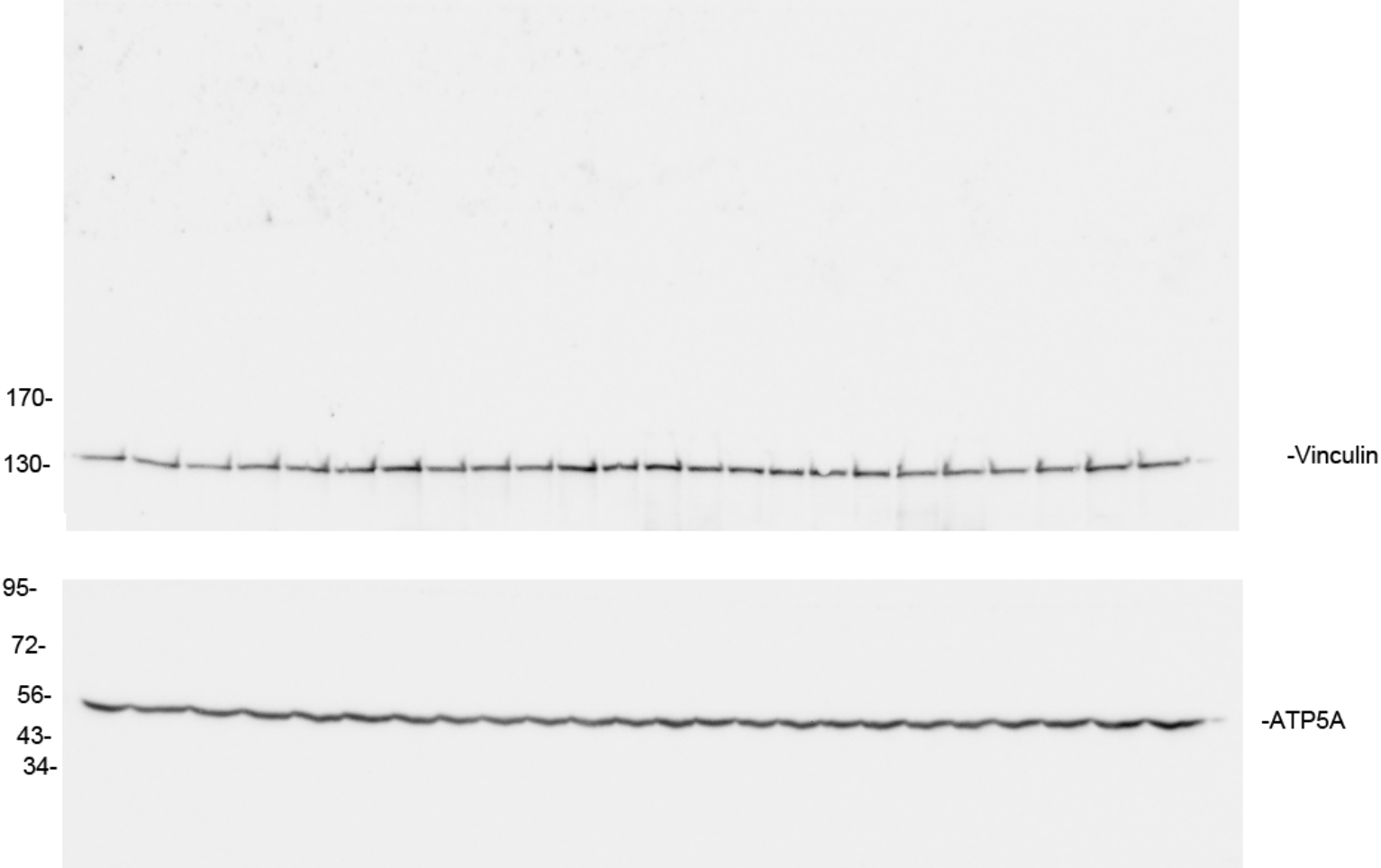


Fig S6c

12 month old mice

Female Male Male Female Female
LacQ140_A LacQ140 WT LacQ140_2M LacQ140_8M

Male Female Female Male Male
LacQ140_A LacQ140 WT LacQ140_2M LacQ140_8M

