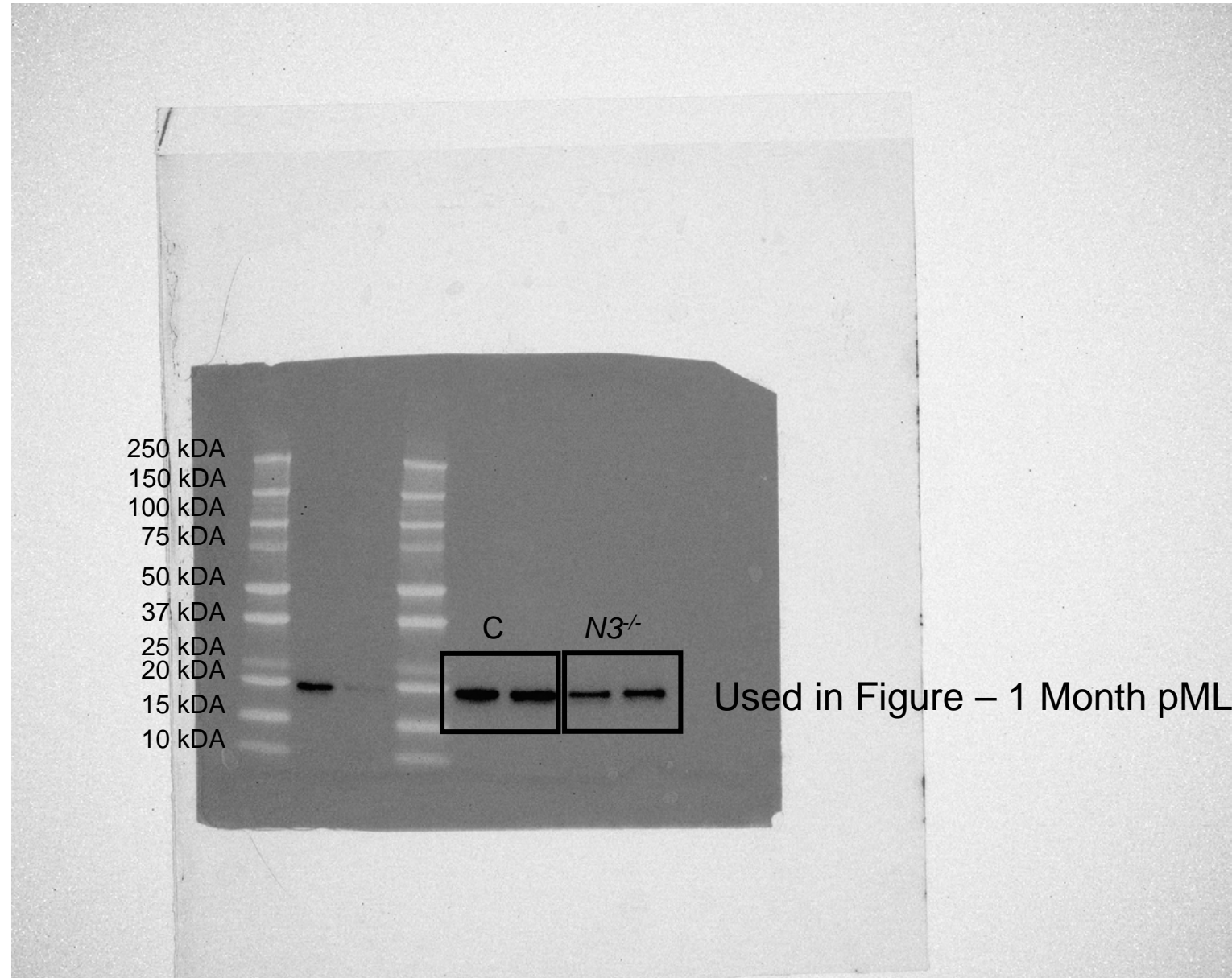


Full unedited gel for Figure 4E – 1 Month Samples

Phospho-Myosin Light Chain 2 (Ser19) Antibody #3671 Cell Signaling Technology

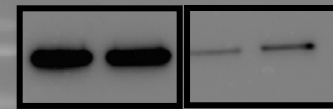


Full unedited gel for Figure 4E – 1 Month Samples
Myosin Light Chain 2 (D18E2) #8505 Cell Signaling Technology

250 kDA
150 kDA
100 kDA
75 kDA
50 kDA
37 kDA
25 kDA
20 kDA
15 kDA
10 kDA

C

N3^{-/-}



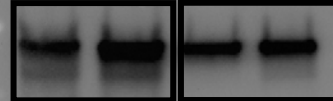
Used in Figure – 1 Month MLC2

Full unedited gel for Figure 4E – 1 Month Samples
Calponin1 ab46794 - Abcam

250 kDA
150 kDA
100 kDA
75 kDA
50 kDA
37 kDA
25 kDA
20 kDA
15 kDA
10 kDA

C

N3^{-/-}



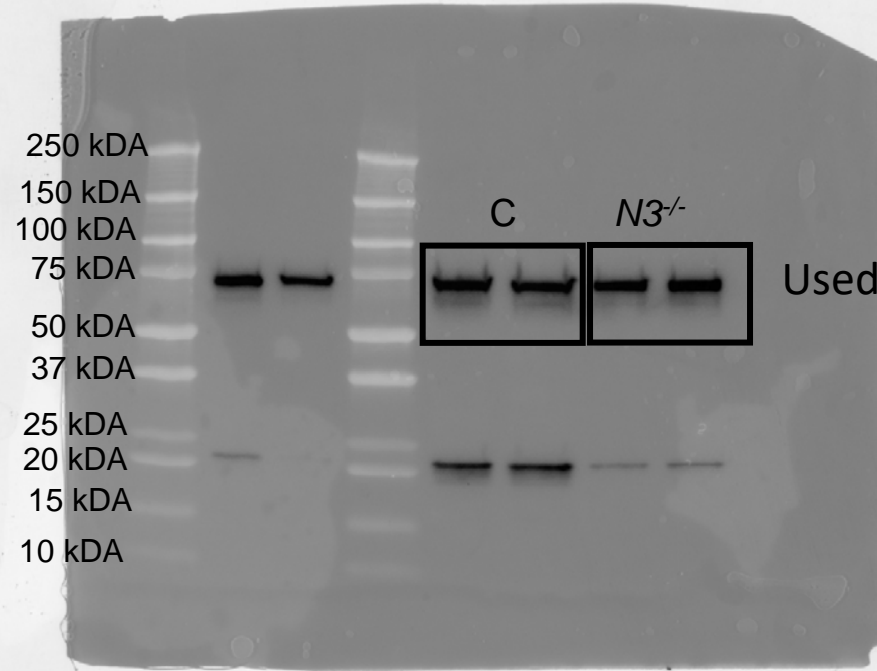
Used in Figure – 1 Month Calponin

Full unedited gel for Figure 4E – 1 Month Samples
Lamin A ab26300 - Abcam

250 kDA
150 kDA
100 kDA
75 kDA
50 kDA
37 kDA
25 kDA
20 kDA
15 kDA
10 kDA

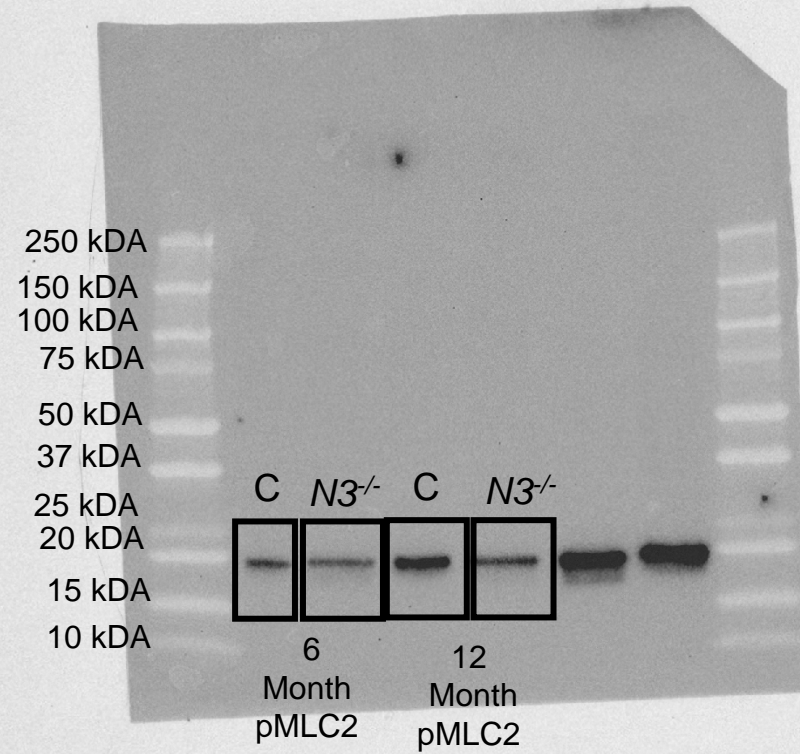
C

N3^{-/-}

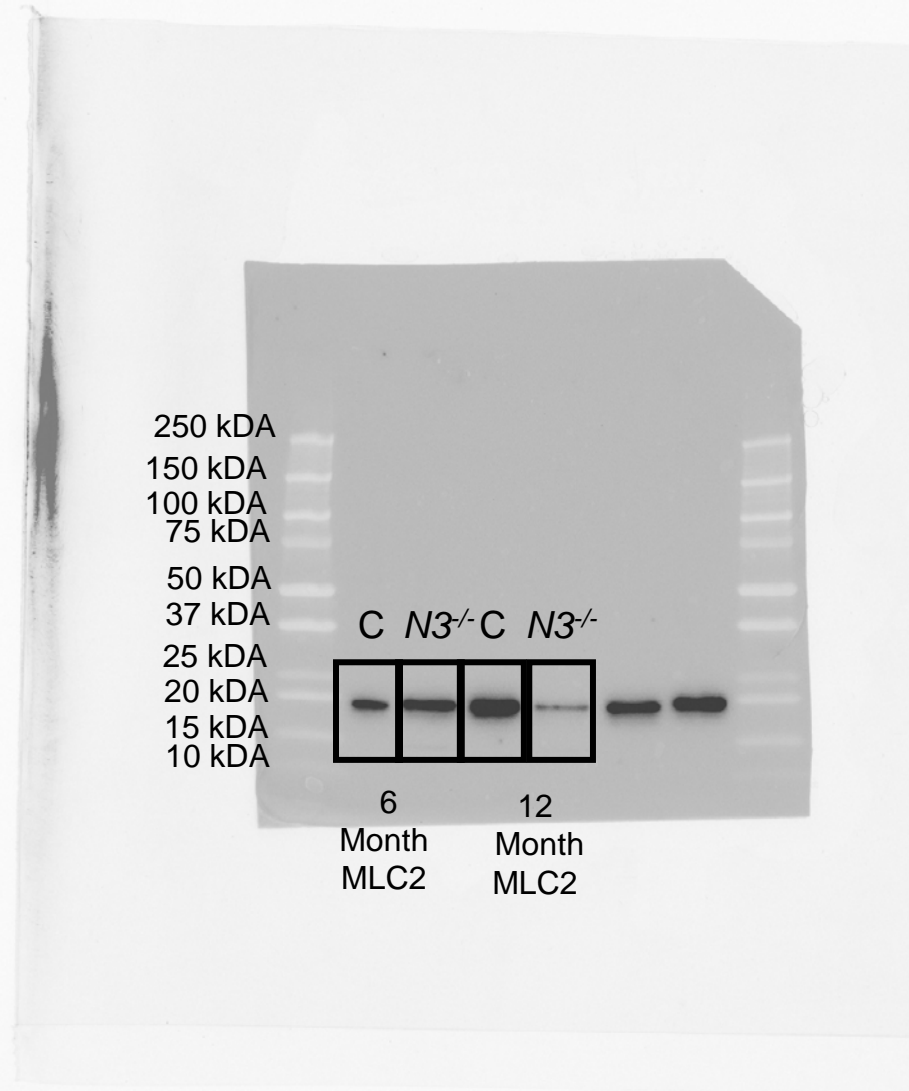


Used in Figure – 1 Month Lamin A

Full unedited gel for Figure 4E – 6 + 12 Month Samples
Phospho-Myosin Light Chain 2 (Ser19) Antibody #3671 Cell Signaling Technology



Full unedited gel for Figure 4E – 6 + 12 Month Samples
Myosin Light Chain 2 (D18E2) #8505 Cell Signaling Technology



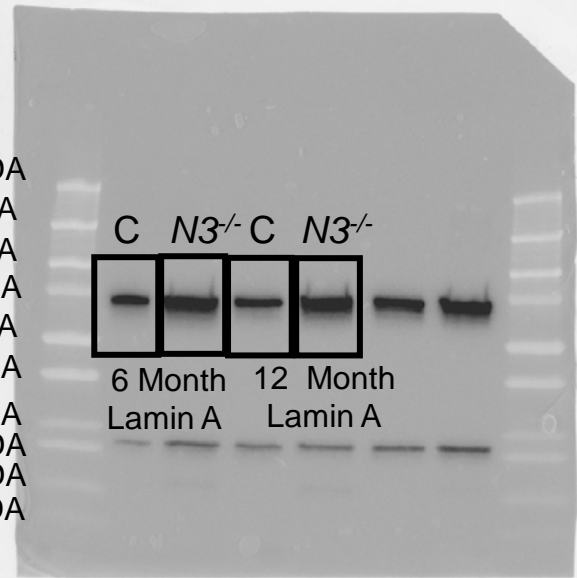
Full unedited gel for Figure 4E – 6 + 12 Month Samples
Calponin1 ab46794 - Abcam



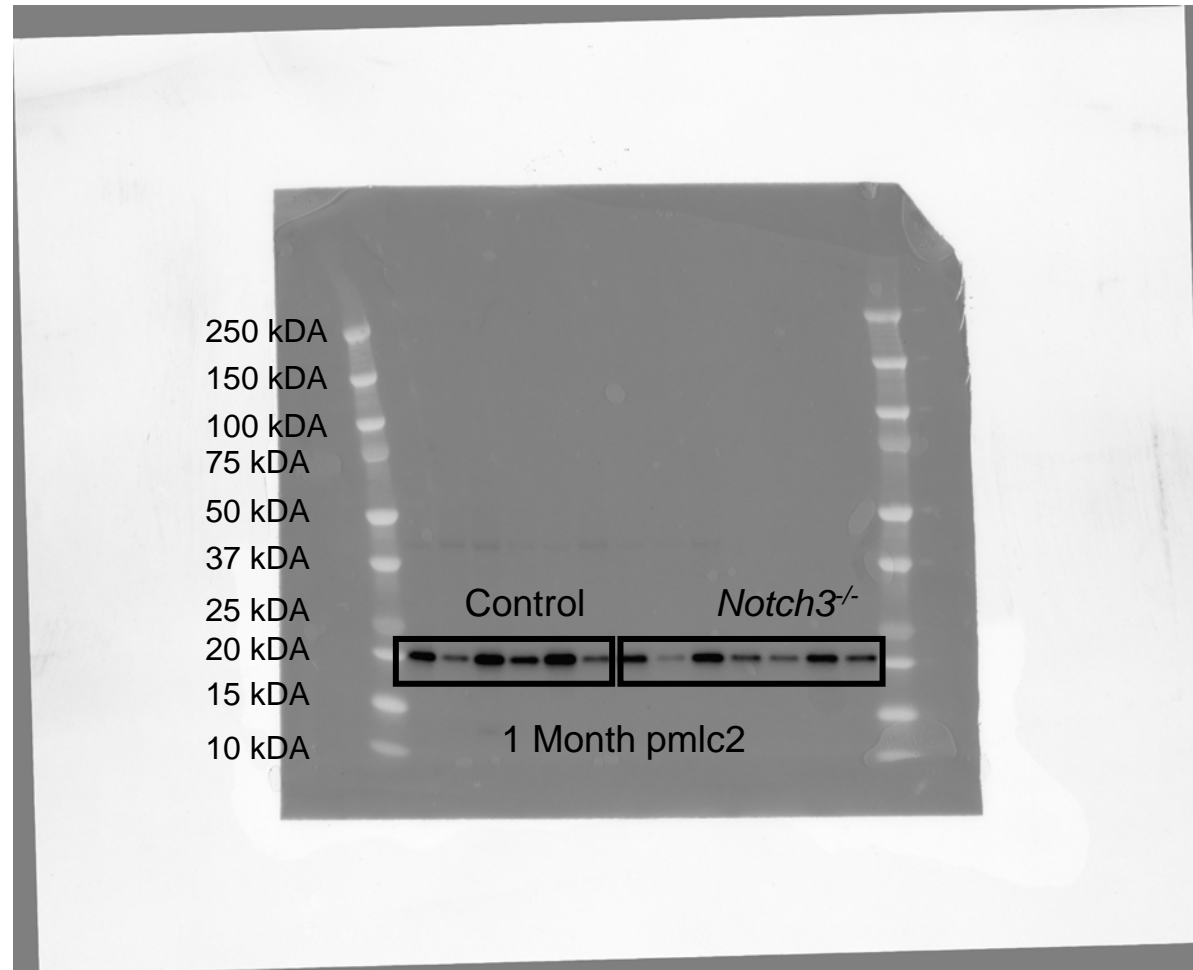
Full unedited gel for Figure 4E – 6 + 12 Month Samples
Lamin A ab26300 - Abcam

250 kDA
150 kDA
100 kDA
75 kDA
50 kDA
37 kDA
25 kDA
20 kDA
15 kDA
10 kDA

C	<i>N3^{-/-}</i>	C	<i>N3^{-/-}</i>	
6 Month Lamin A		12 Month Lamin A		

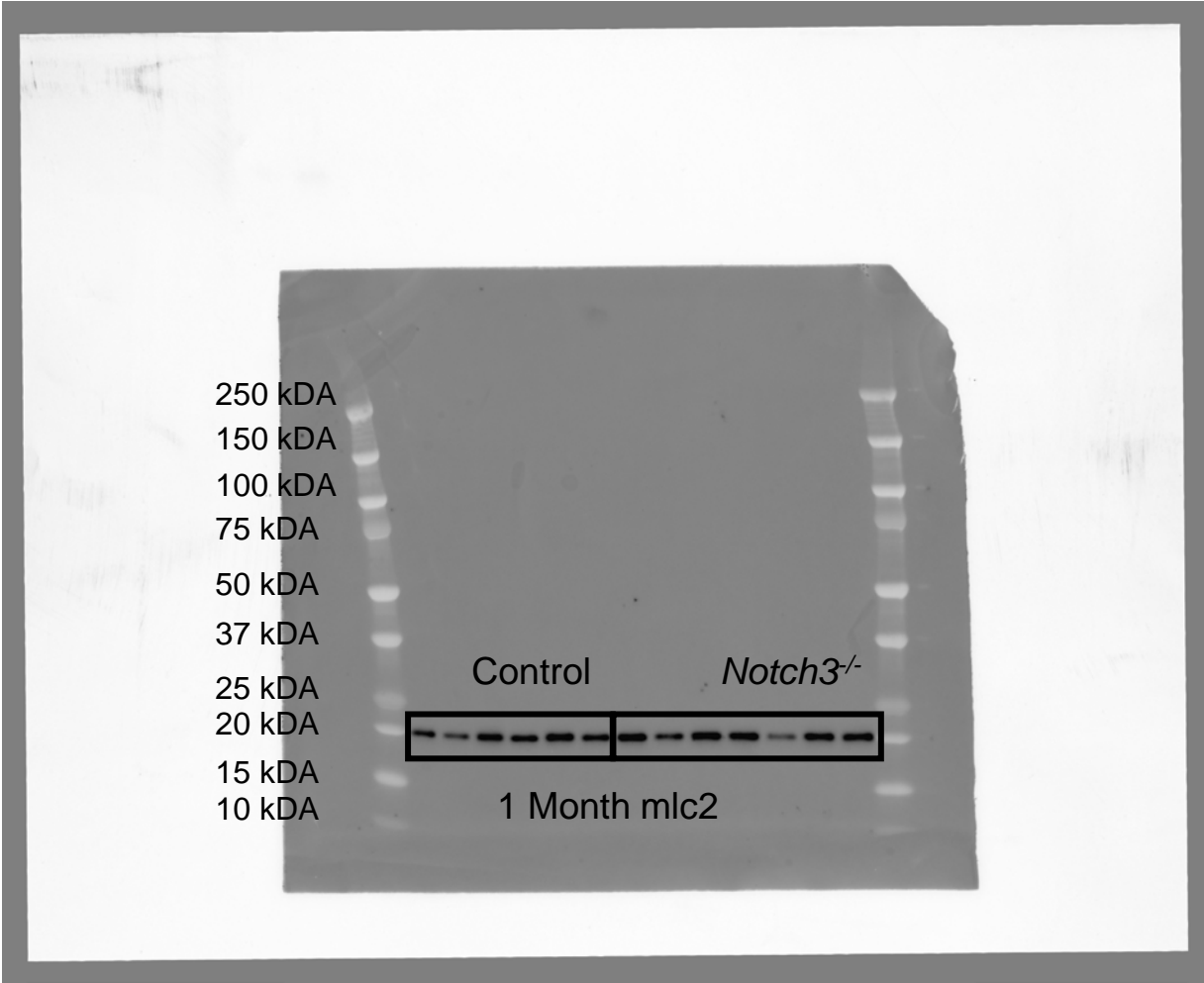


Full unedited gel for Supplemental Figure 11 – 1 Month Samples
Phospho-Myosin Light Chain 2 (Ser19) Antibody #3671 Cell Signaling Technology



Full unedited gel for Supplemental Figure 11 – 1 Month Samples

Myosin Light Chain 2 (D18E2) #8505 Cell Signaling Technology



Full unedited gel for Supplemental Figure 11 – 1 Month Samples

Calponin1 ab46794 – Abcam

Lamin A ab26300 - Abcam

