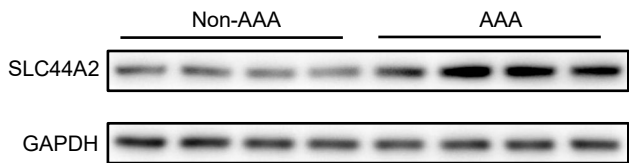
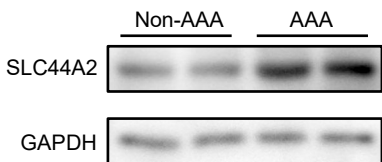
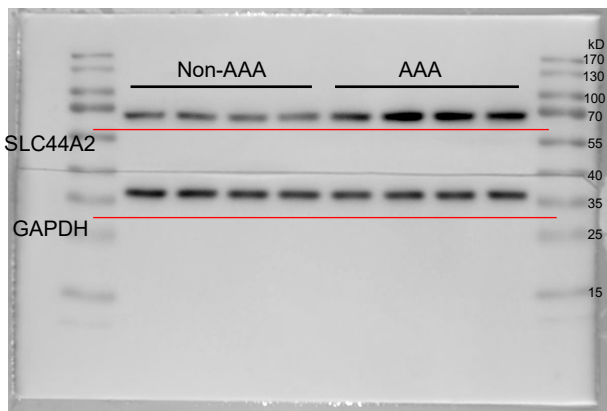


**SLC44A2 regulates vascular smooth muscle cell  
phenotypic switching and aortic aneurysm**

Figure 1G



No. 1-4



No. 5-6

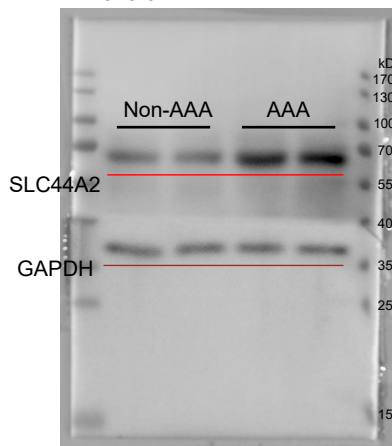
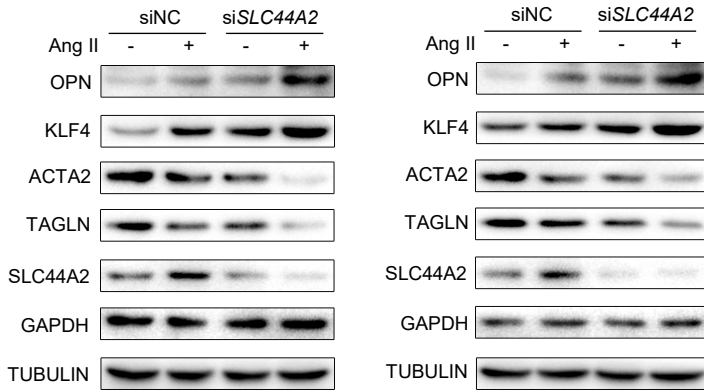
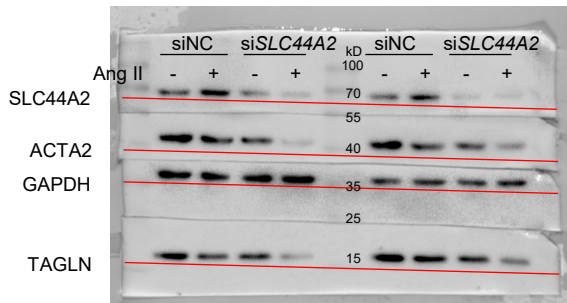
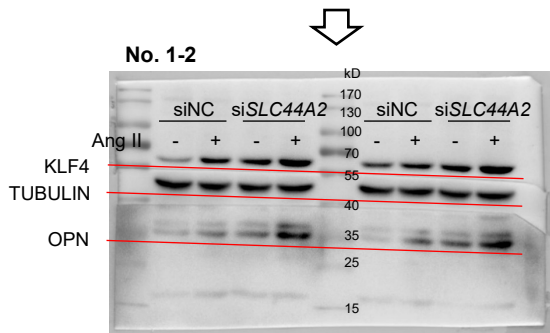


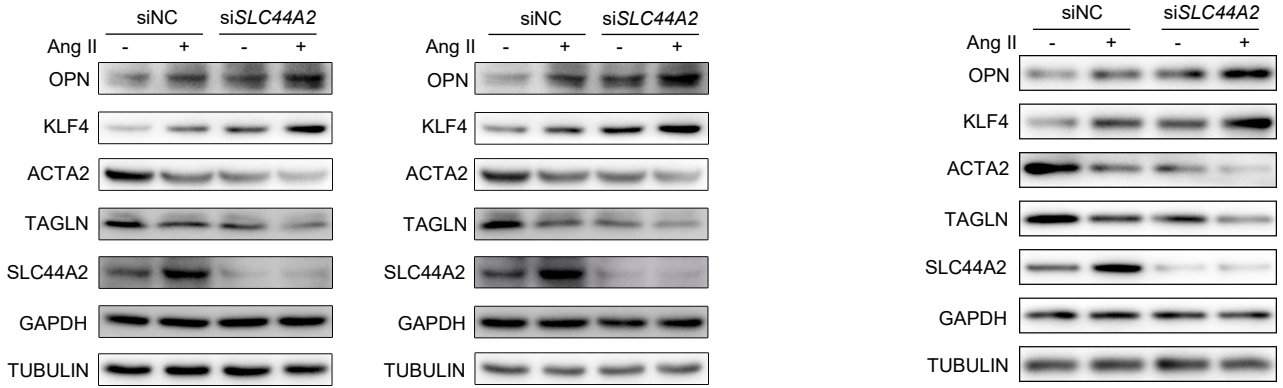
Figure 2A



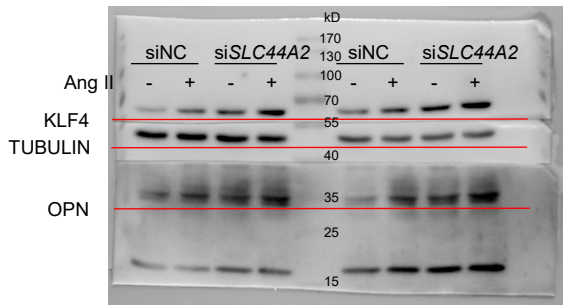
No. 1-2



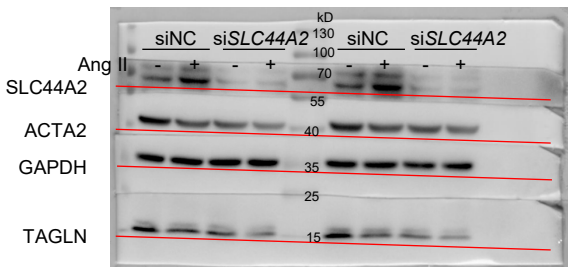
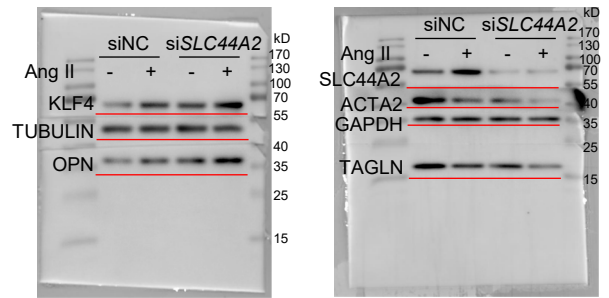
Full unedited gel for Figure 2A N=5



No. 3-4

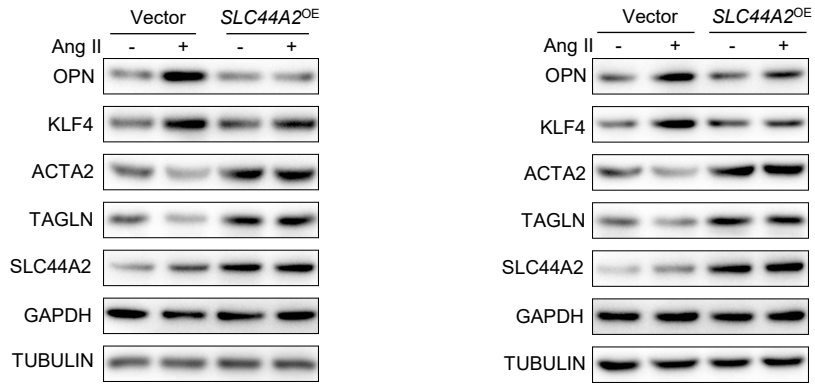


No. 5

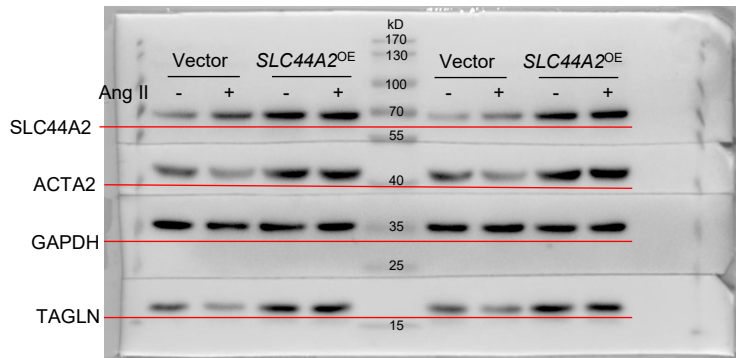
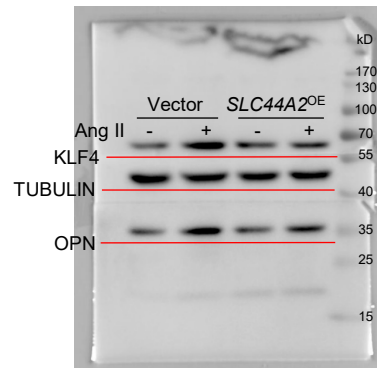
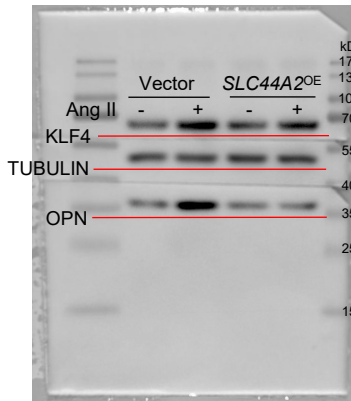


Full unedited gel for Figure 2E N=5

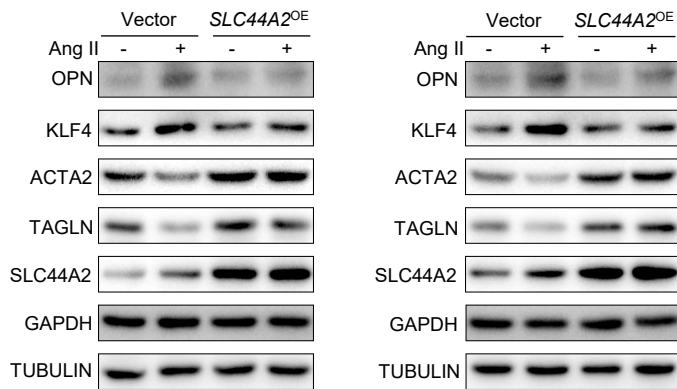
Figure 2E



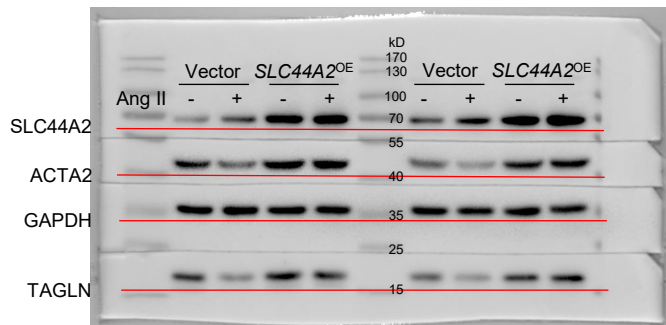
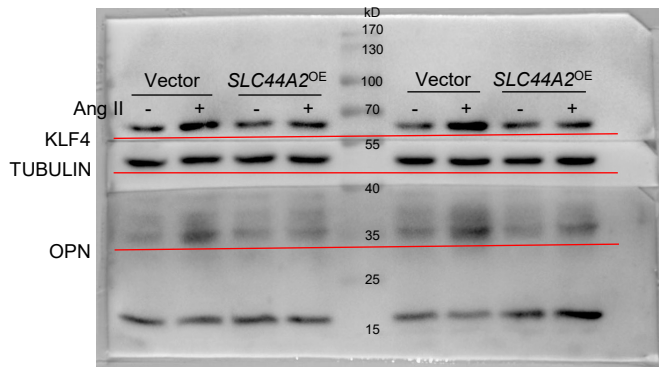
No. 1-2



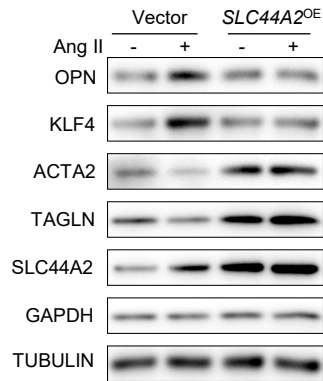
Full unedited gel for Figure 2E N=5



No. 3-4



Full unedited gel for Figure 2E N=5



No. 5

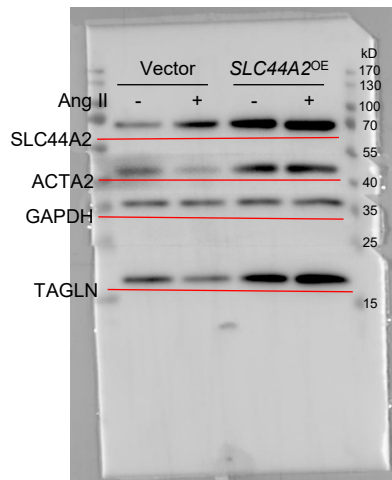
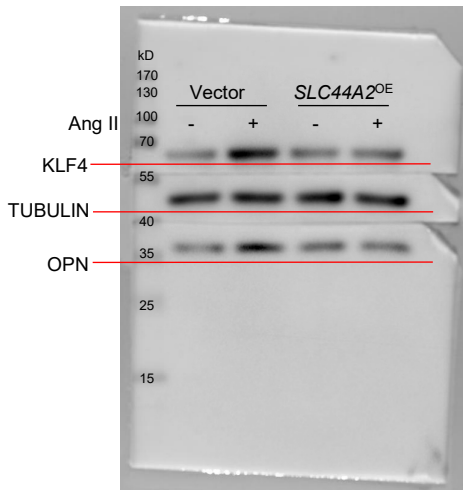


Figure 5B

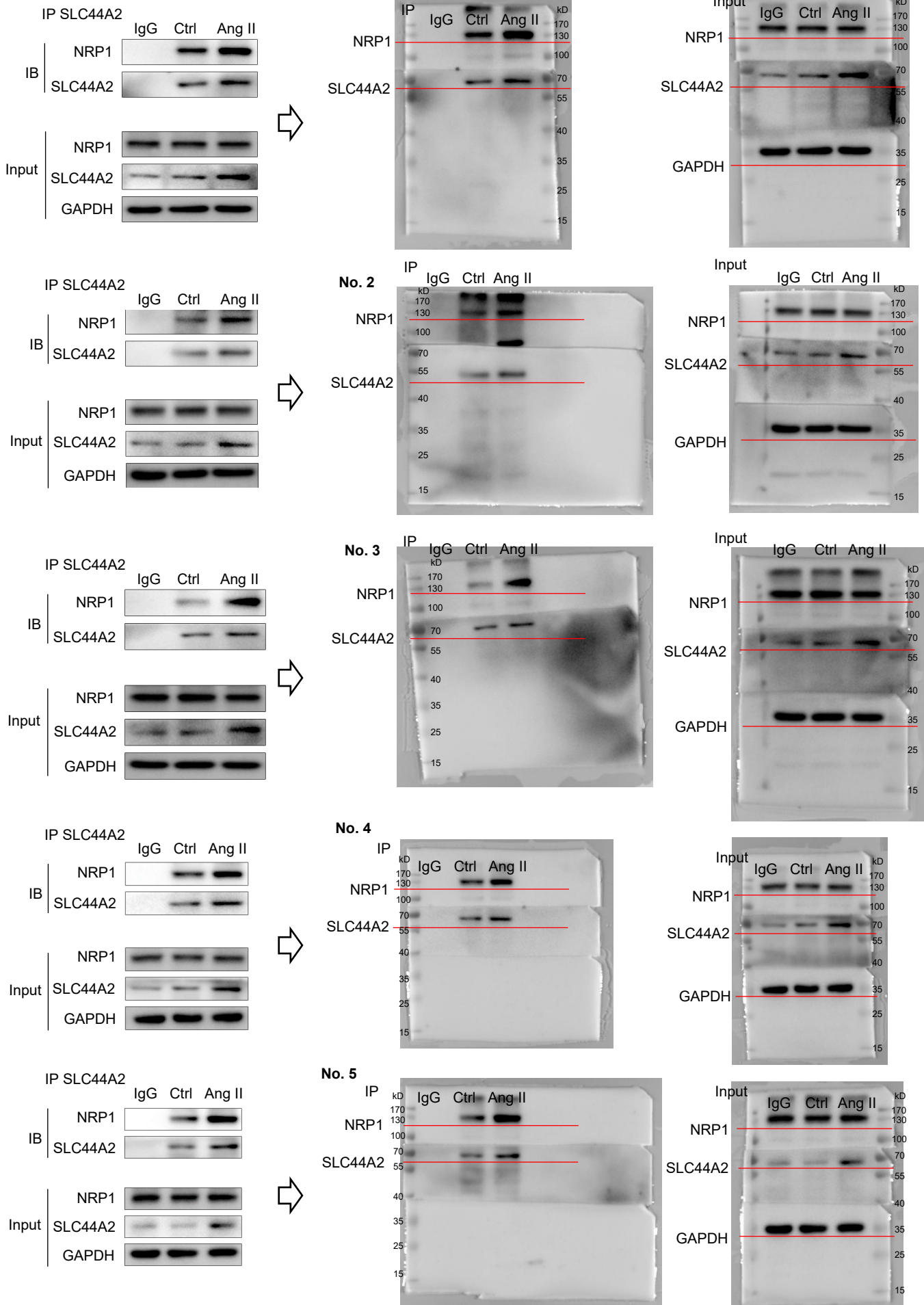




Figure 5C

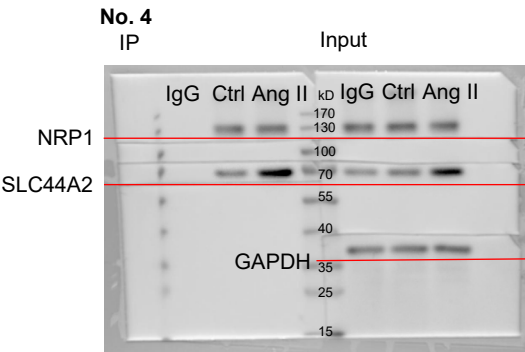
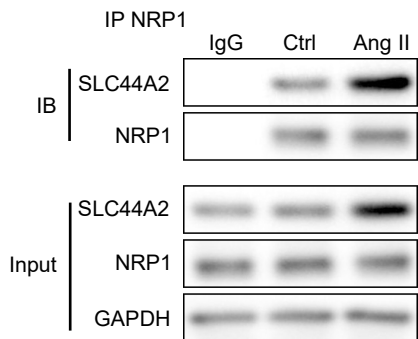
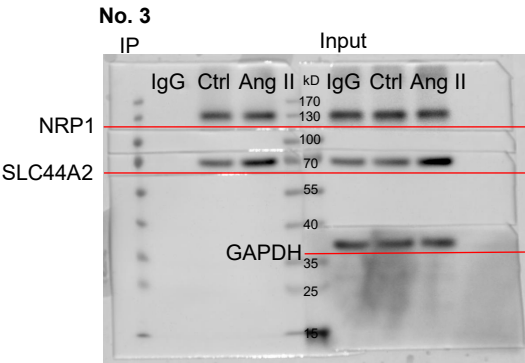
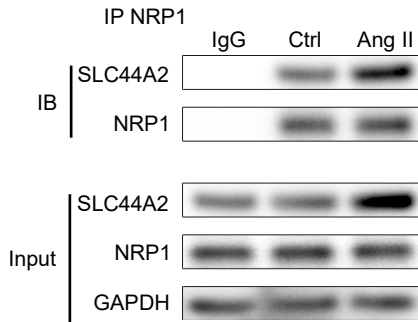
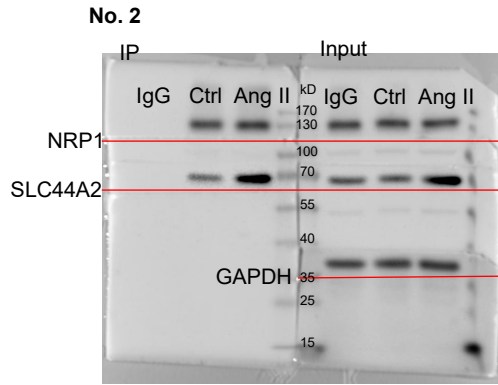
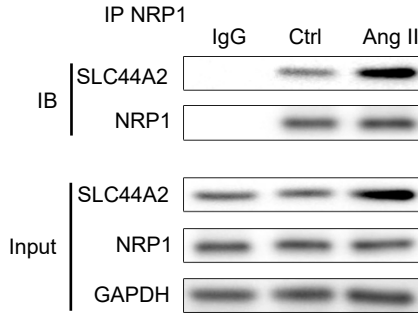
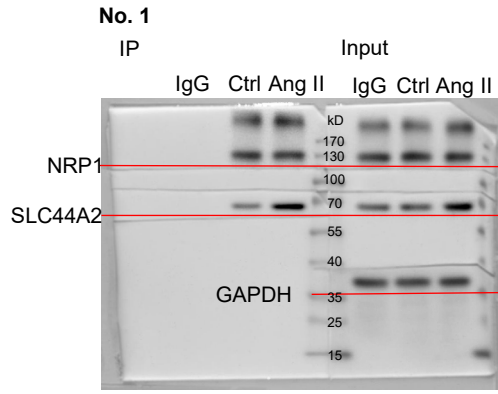
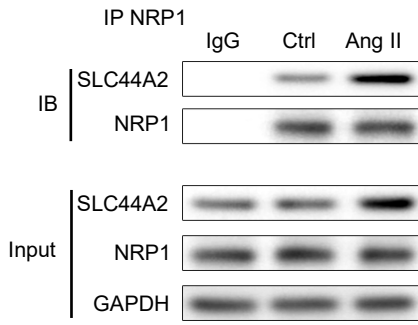
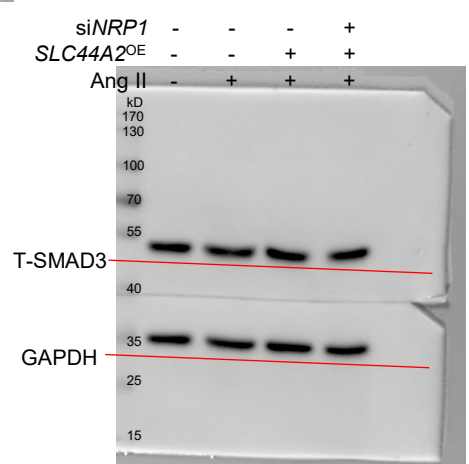
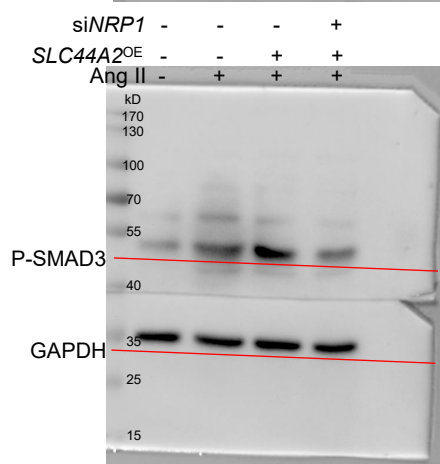
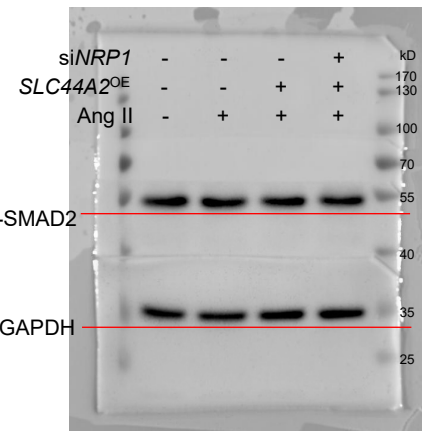
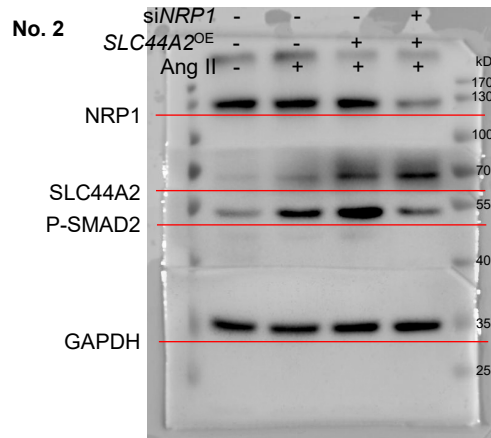
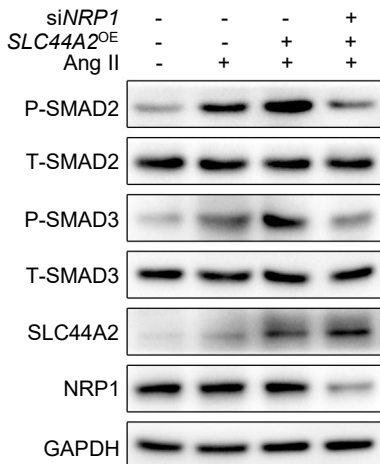
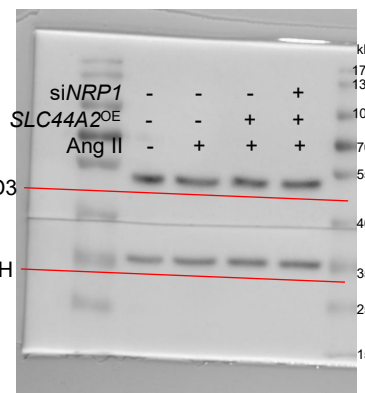
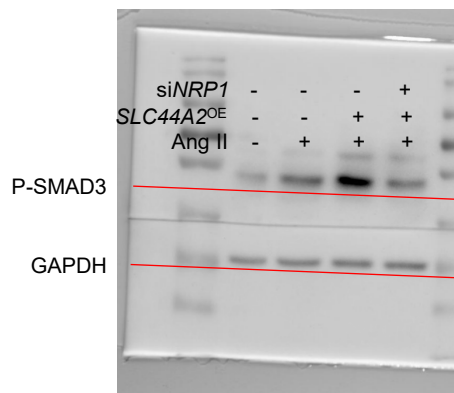
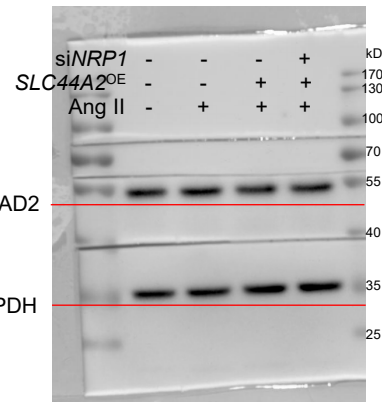
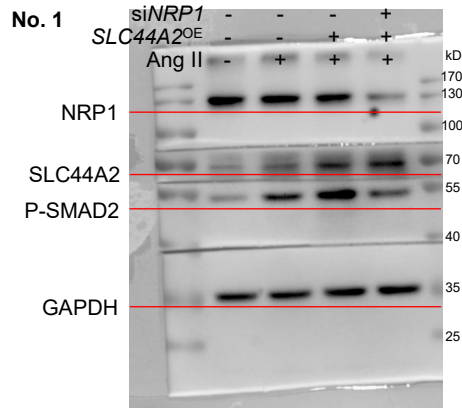
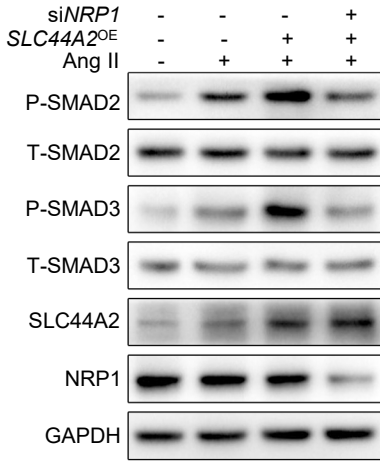
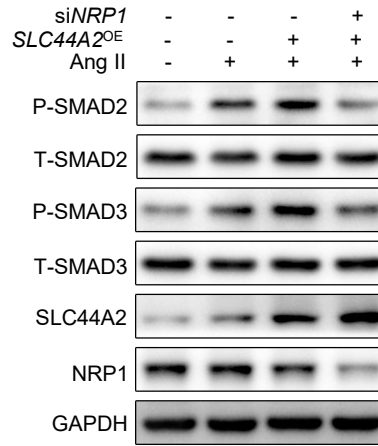
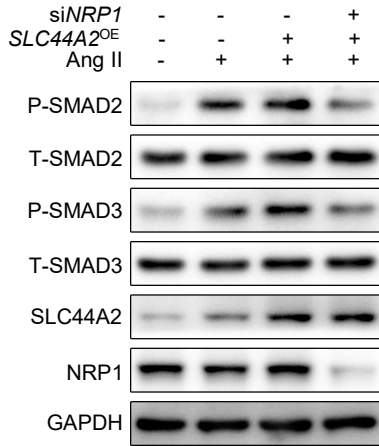


Figure 5F



Full unedited gel for Figure 5F N=4



No. 3-4

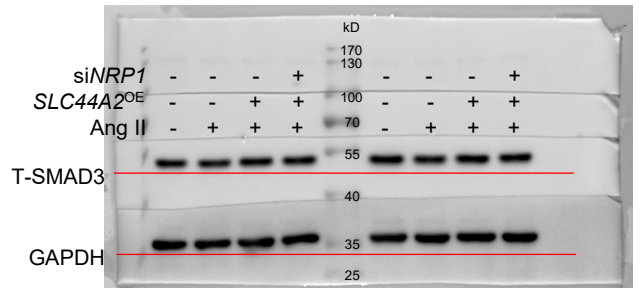
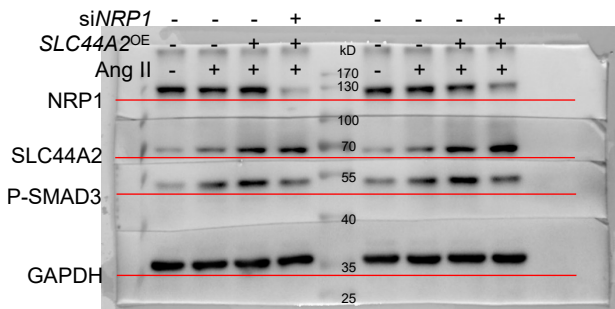
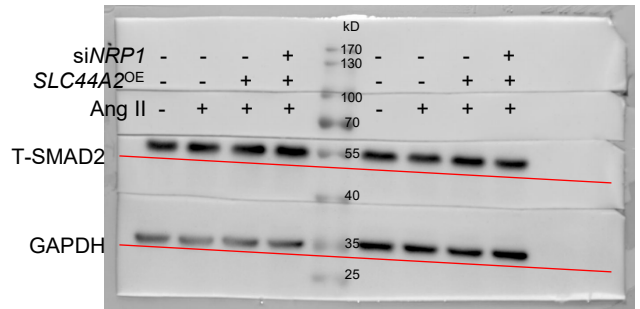
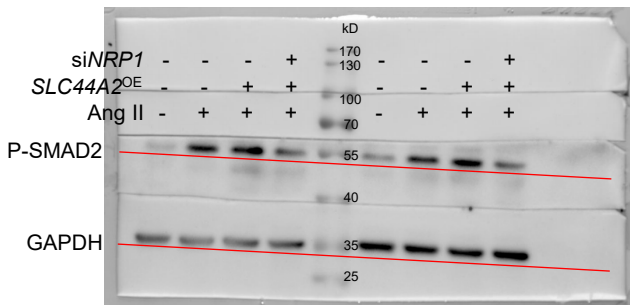
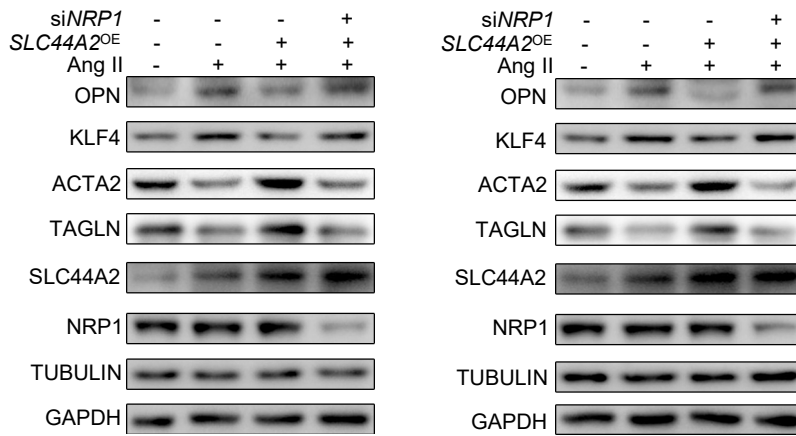
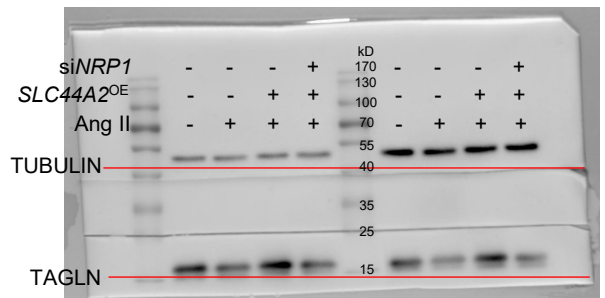
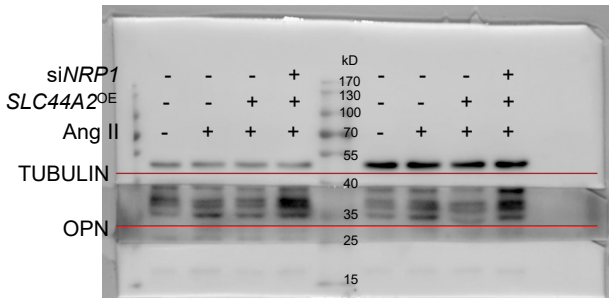
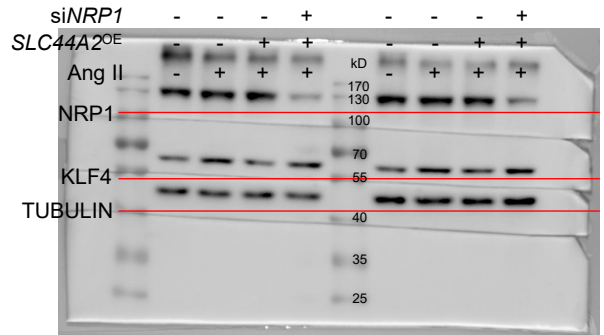
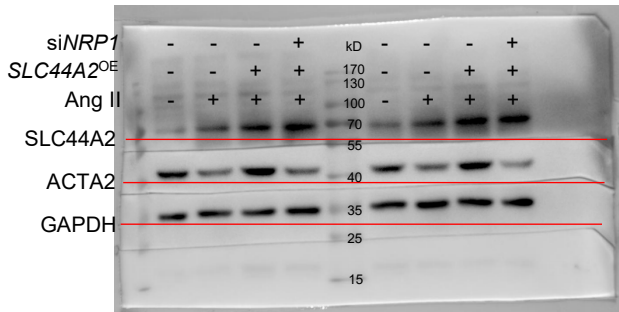
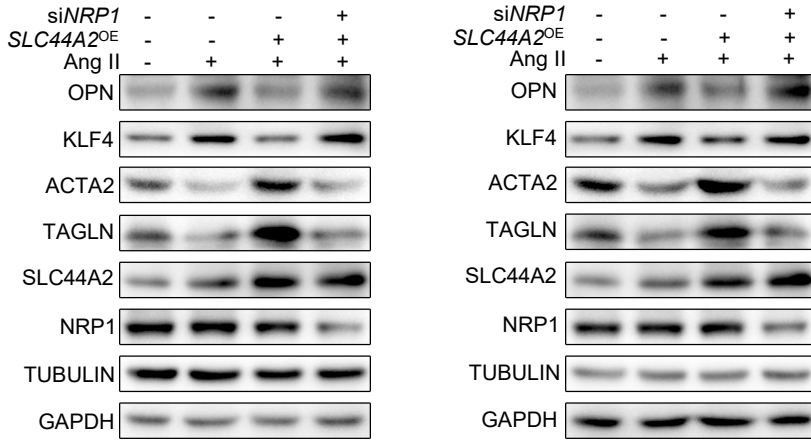


Figure 5G

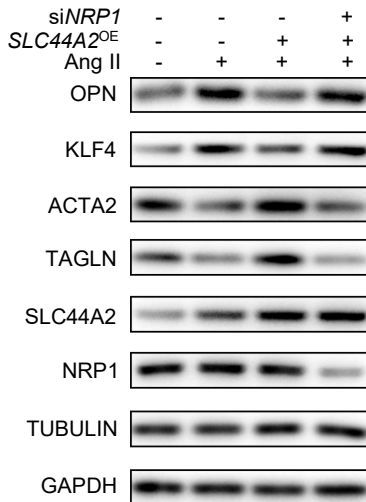
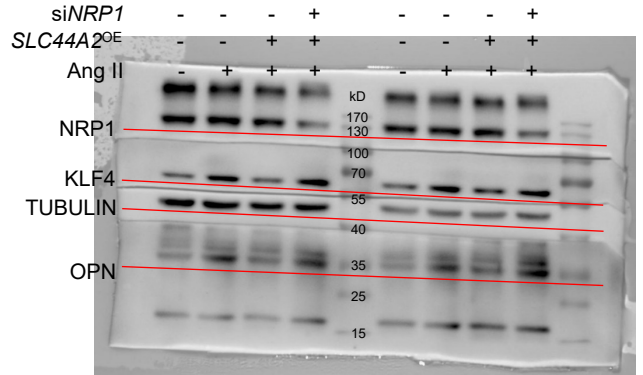
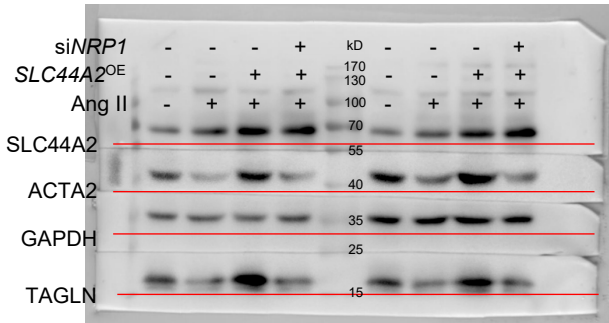


No. 1-2





**No. 3-4**



**No. 5**

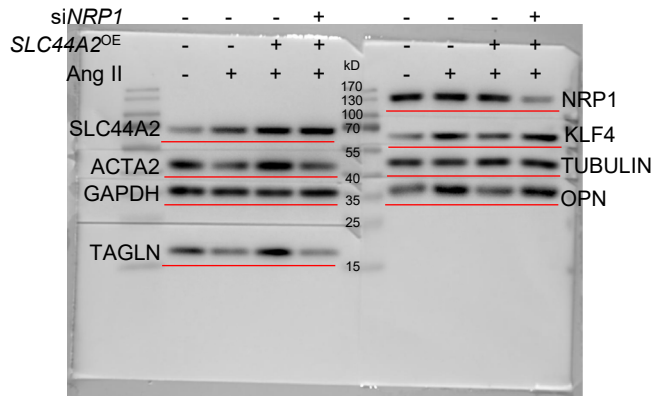
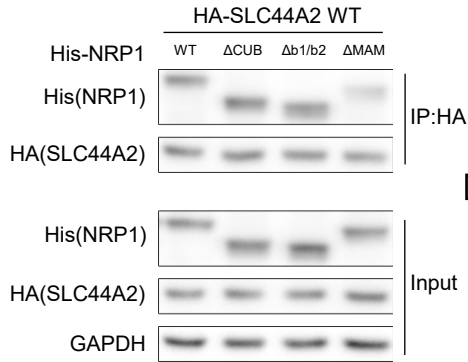
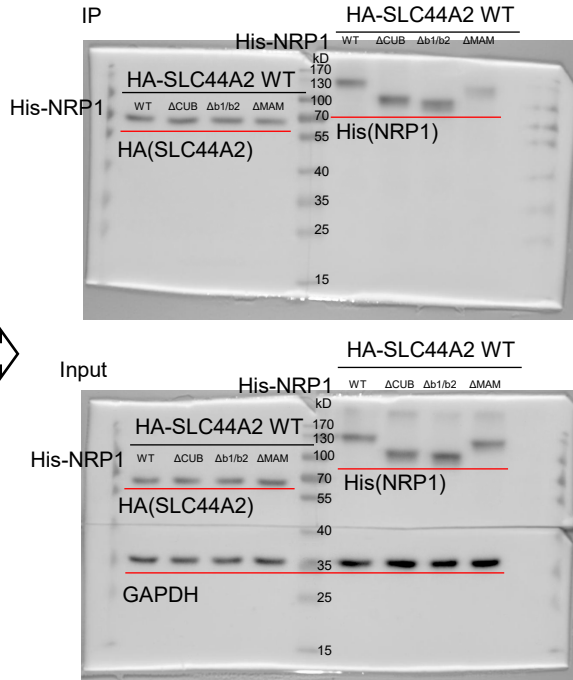


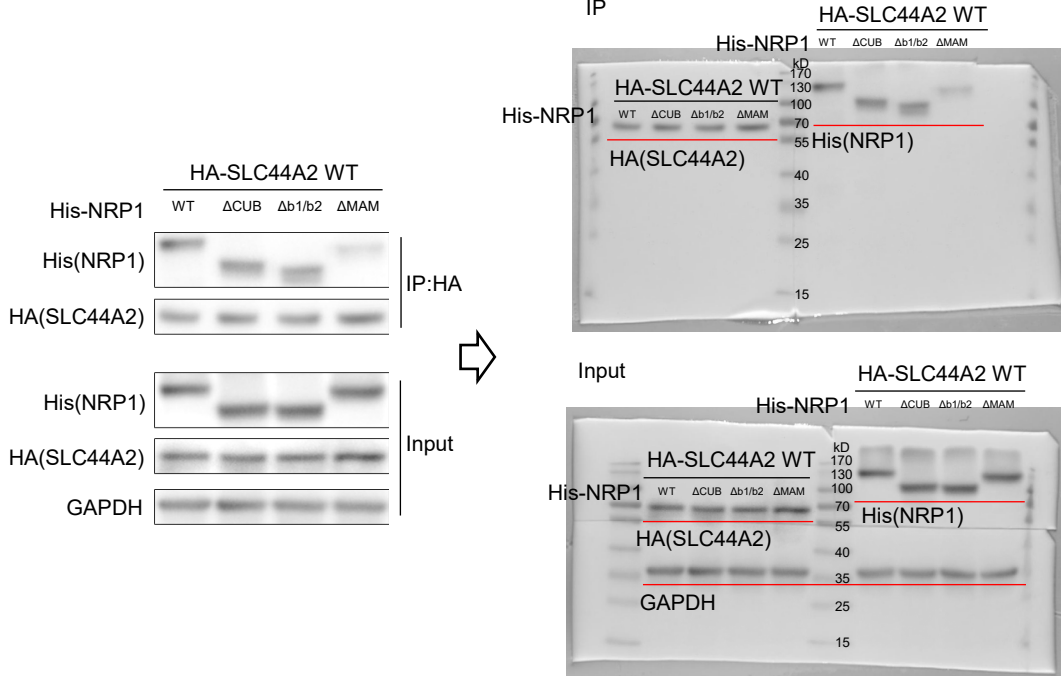
Figure 6A



No. 1



No. 2



No. 3

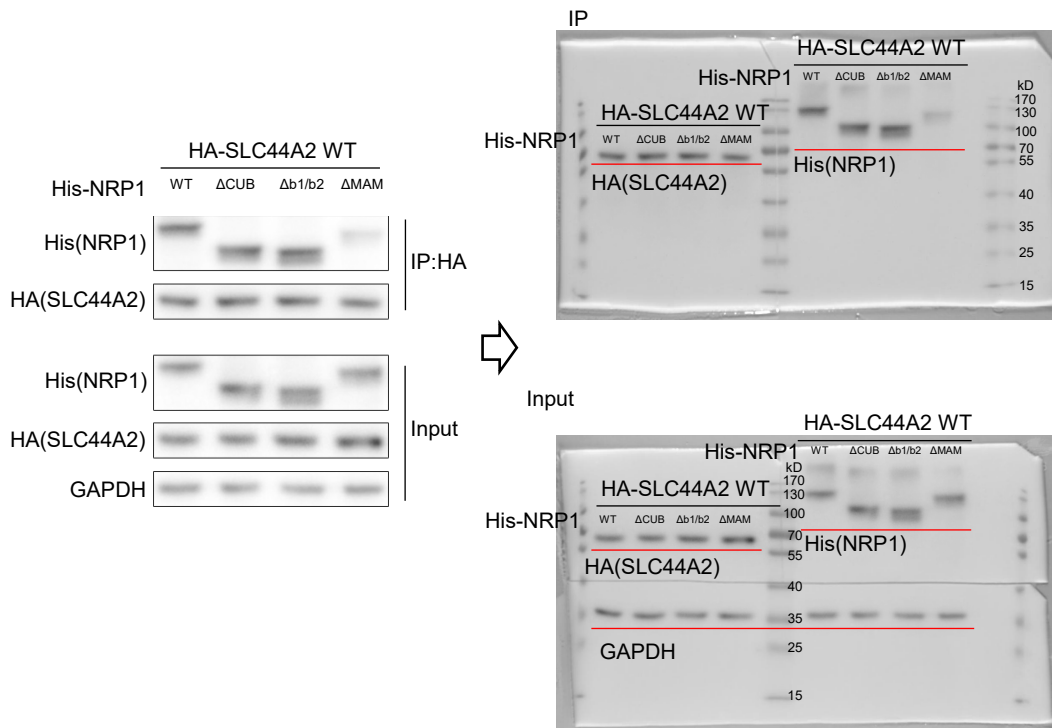
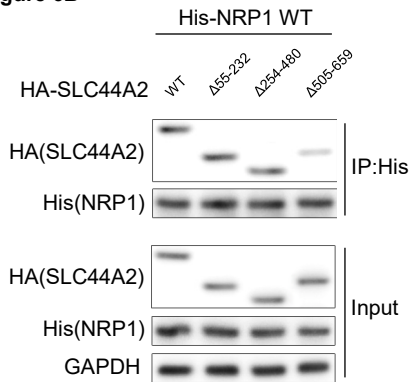
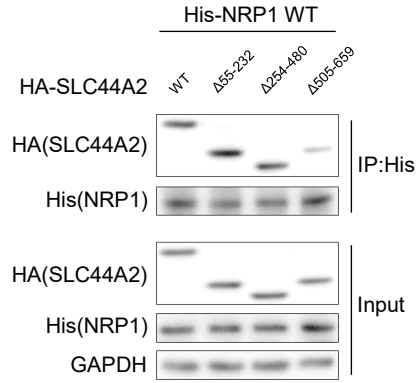
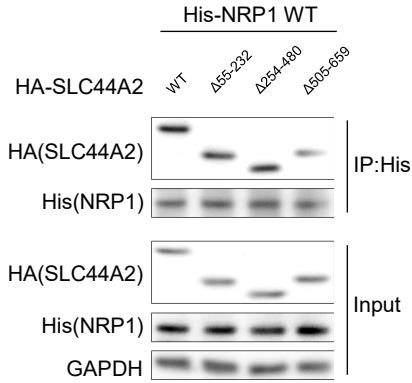
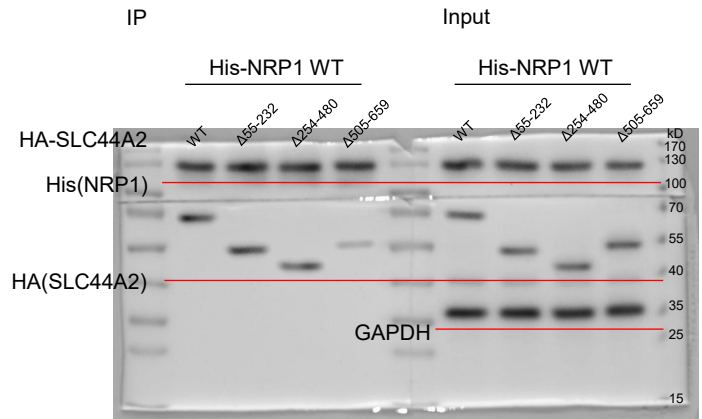


Figure 6B



No. 1



No. 2-3

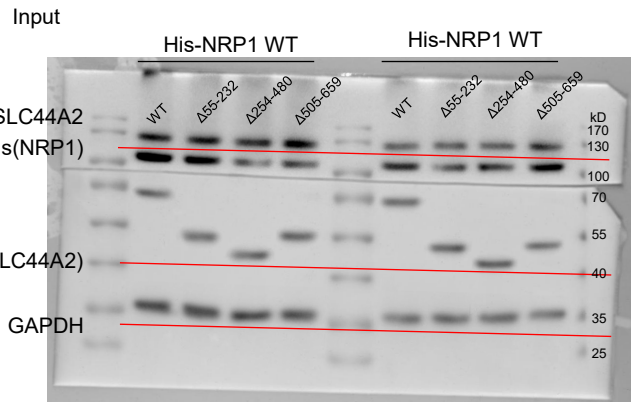
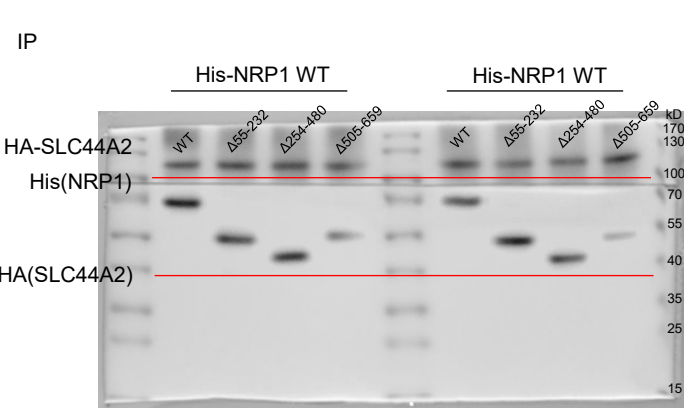
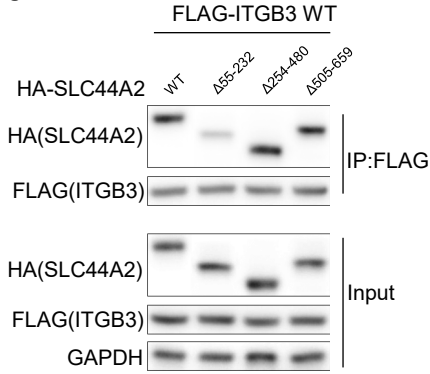
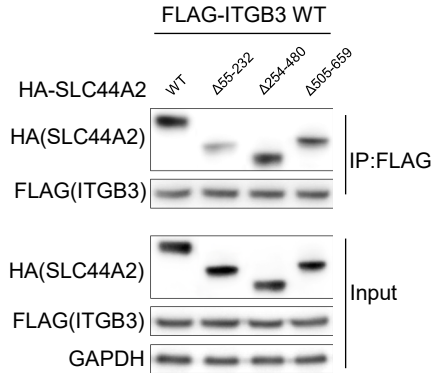
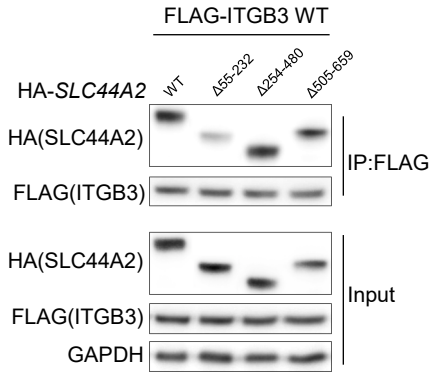
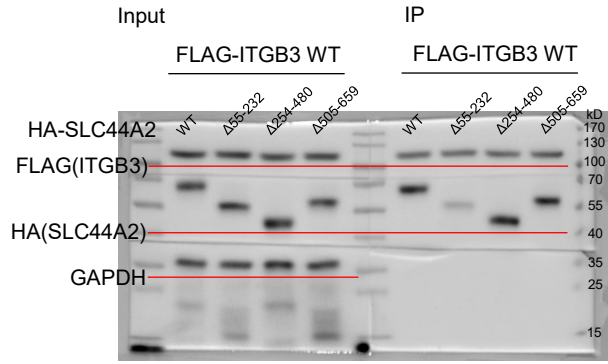




Figure 6E



No. 1



No. 2-3

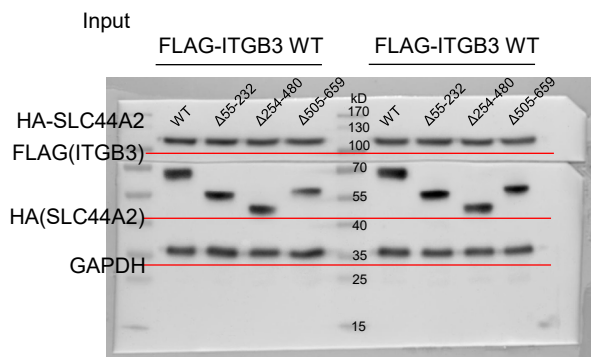
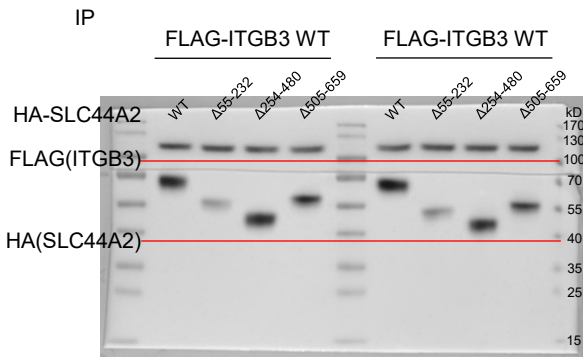
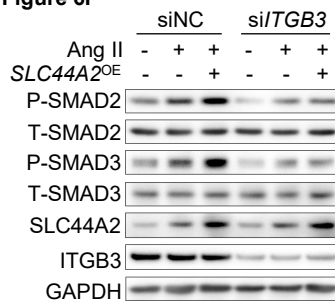
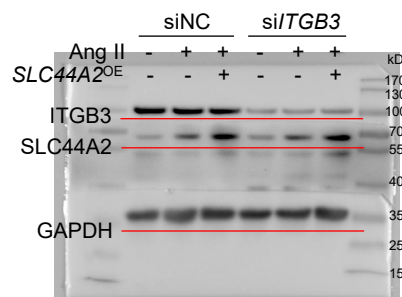
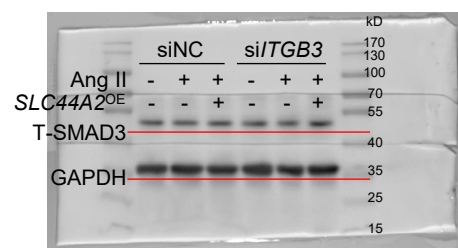
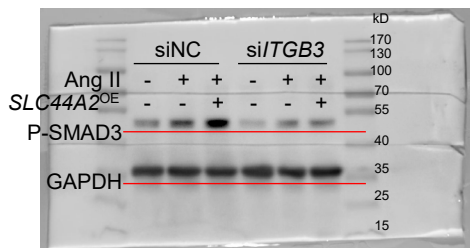
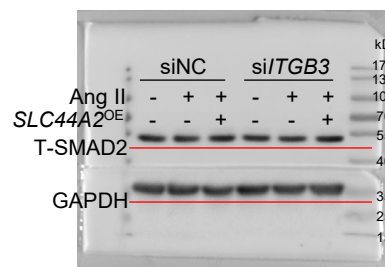
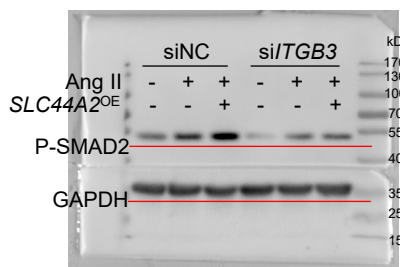


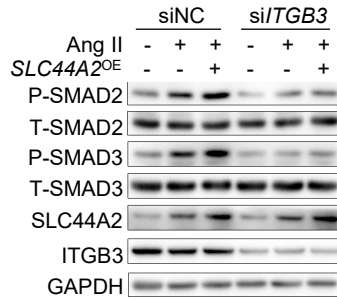
Figure 6I



No. 1



Full unedited gel for Figure 6I N=3



No. 2

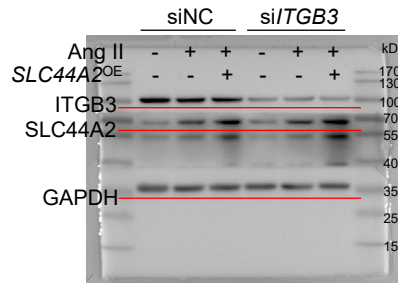
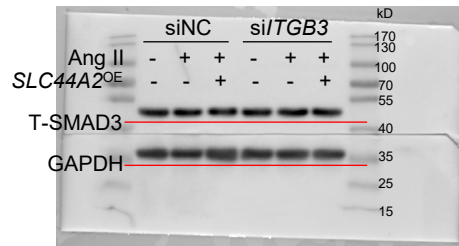
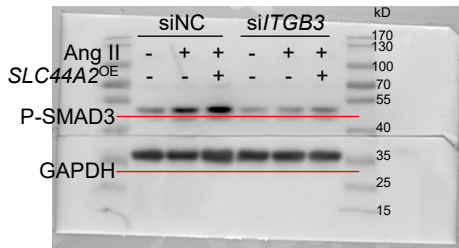
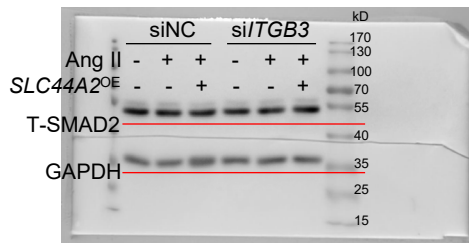
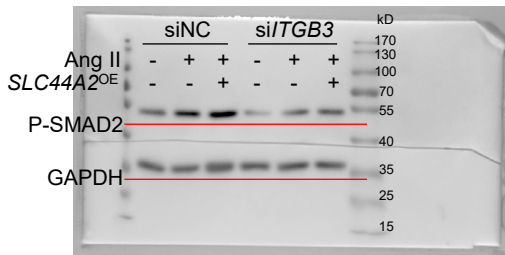
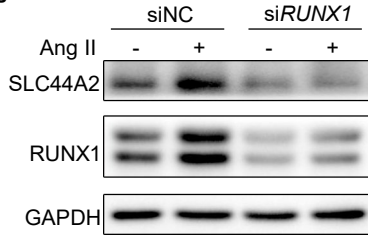
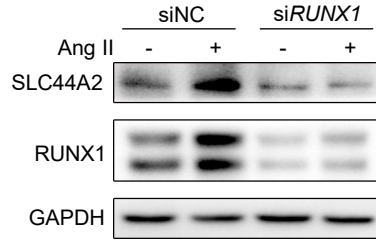
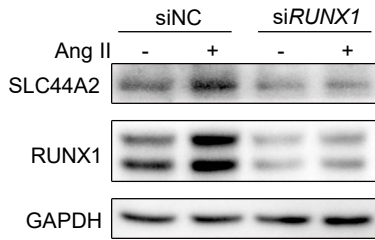
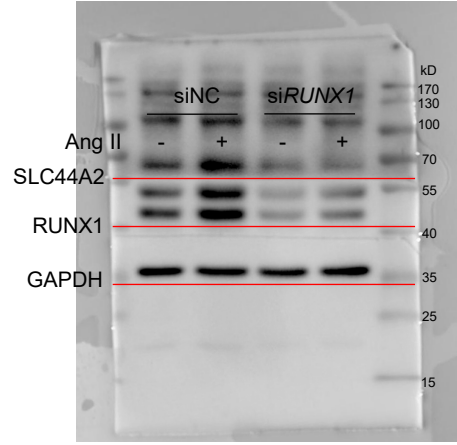




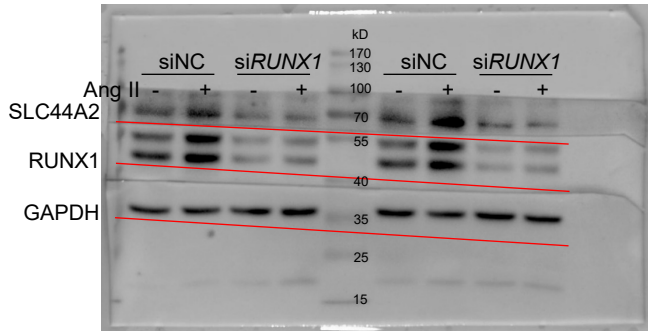
Figure 7B



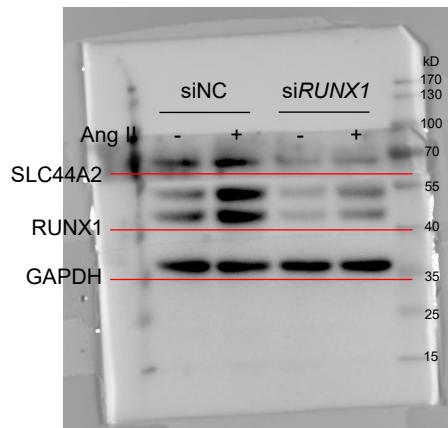
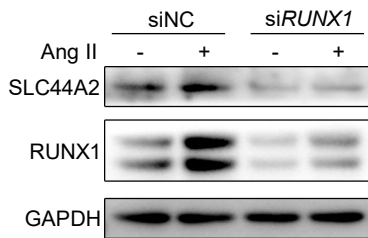
No. 1

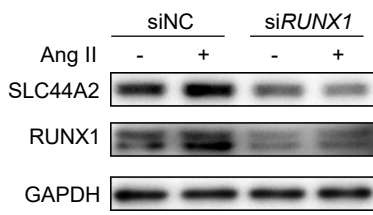


No. 2-3

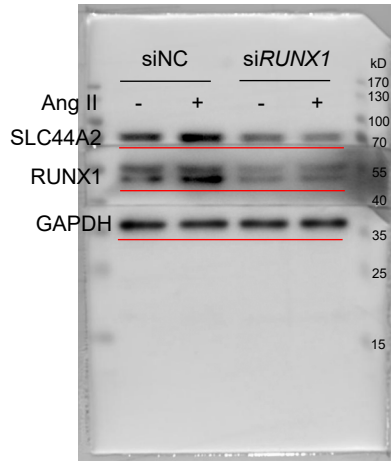


No. 4



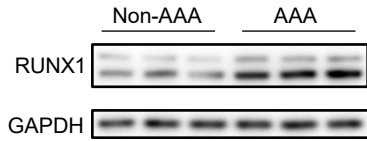


No. 5

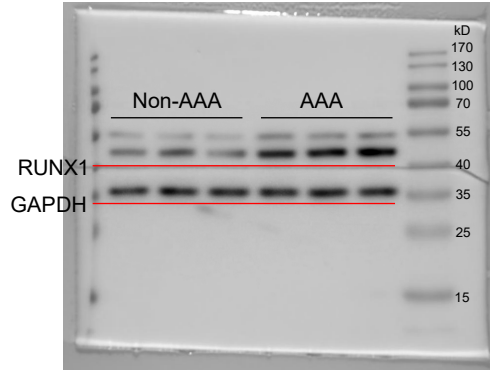


Full unedited gel for Figure 7C N=6

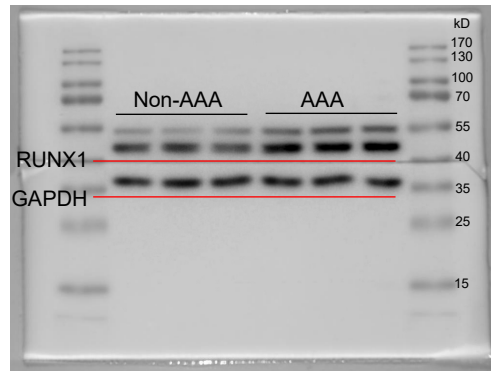
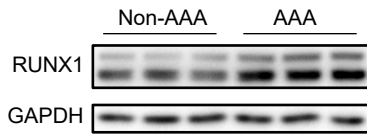
Figure 7C



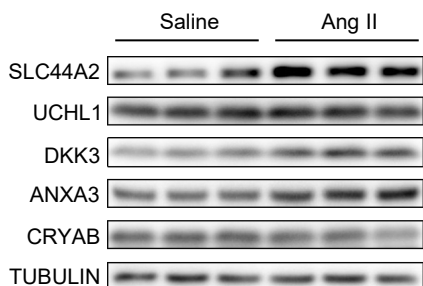
No. 1-3



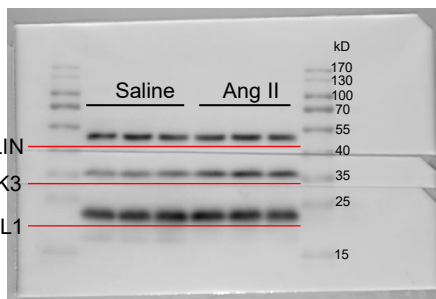
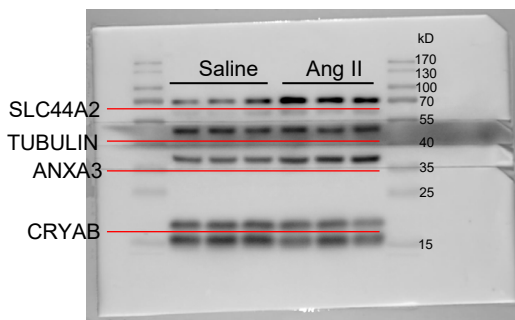
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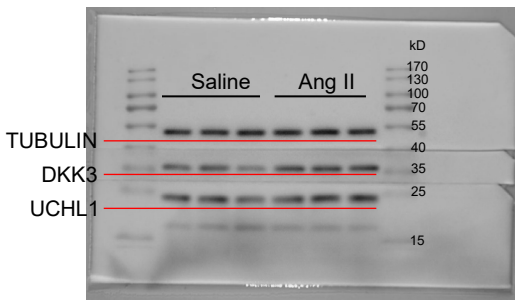
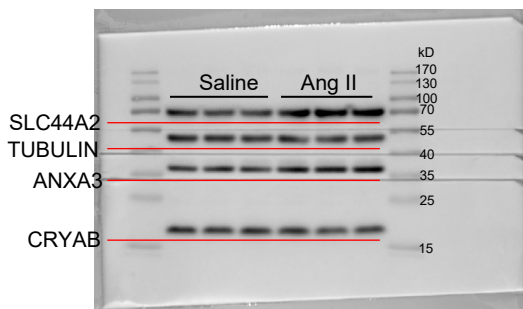
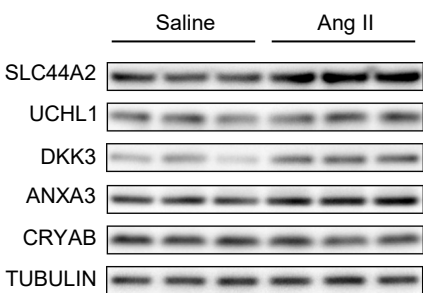
Supplemental Figure 1B



No. 1-3



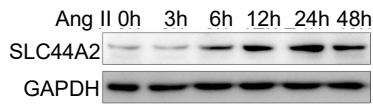
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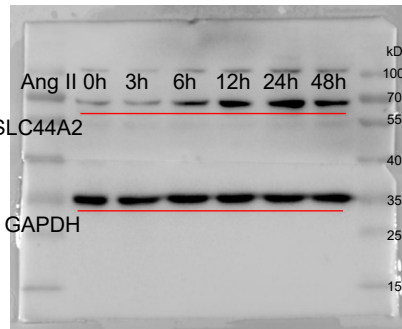


Full unedited gel for Supplemental Figure 1C N=5

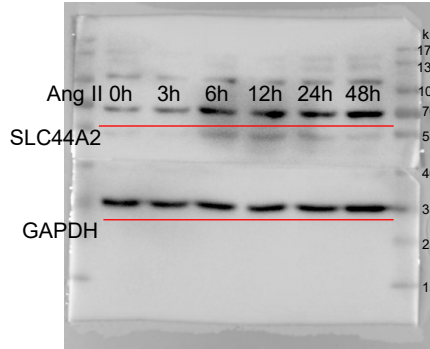
Supplemental Figure 1C



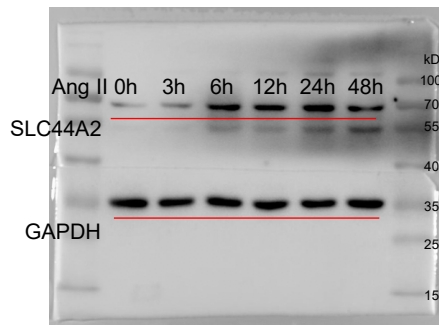
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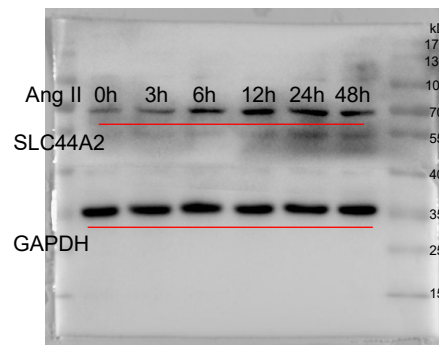
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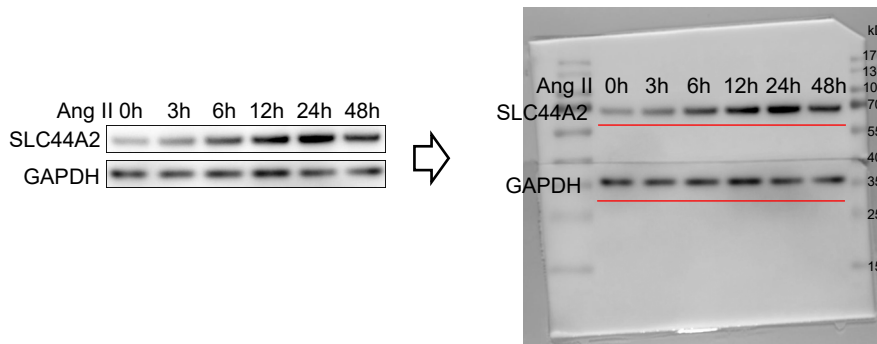
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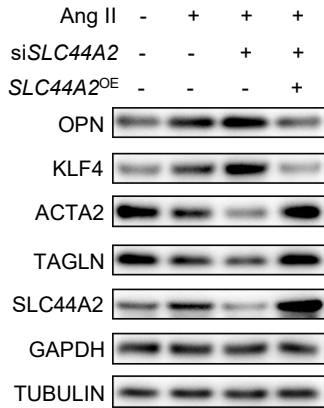
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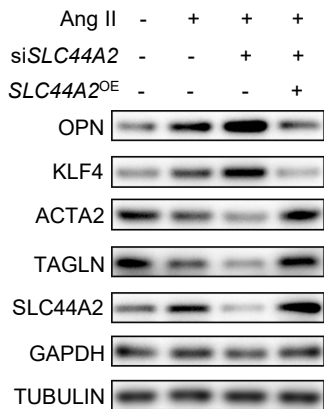
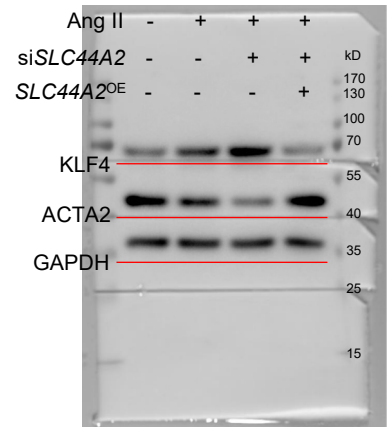
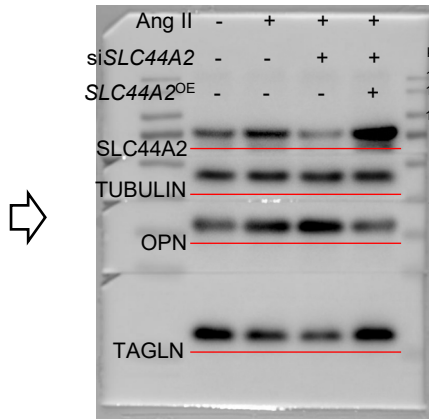
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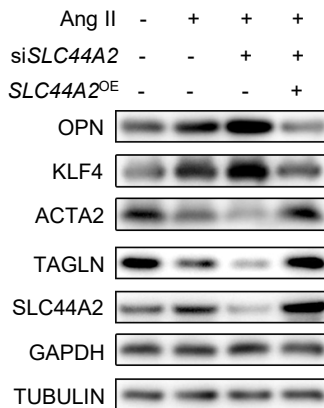
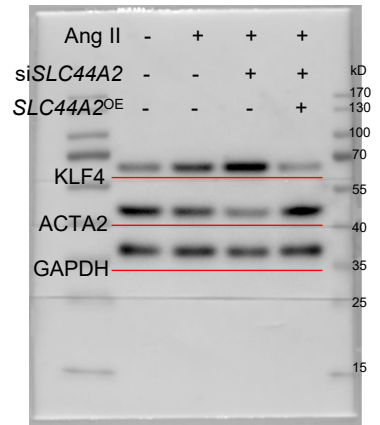
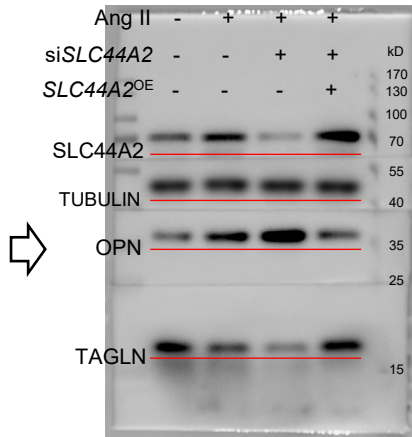
Supplemental Figure 2A



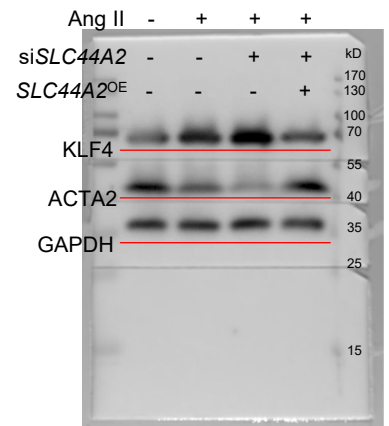
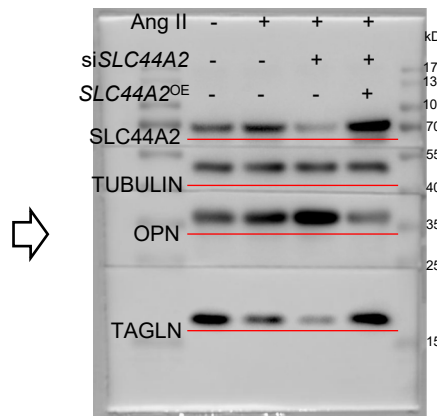
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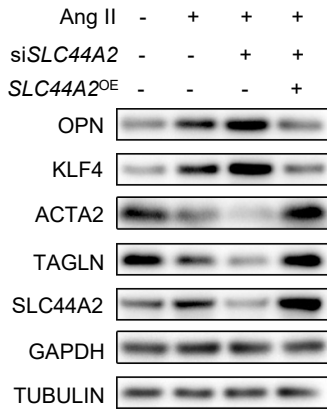


No. 2

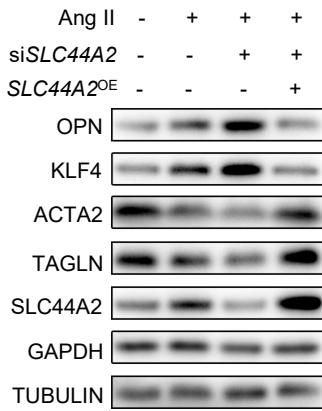
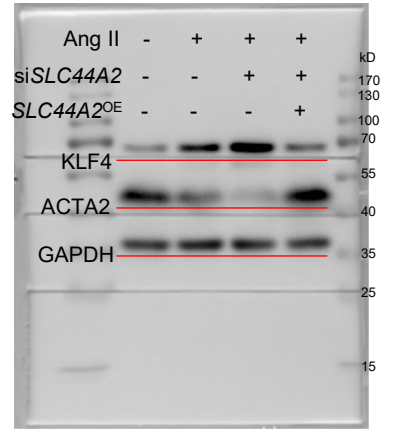
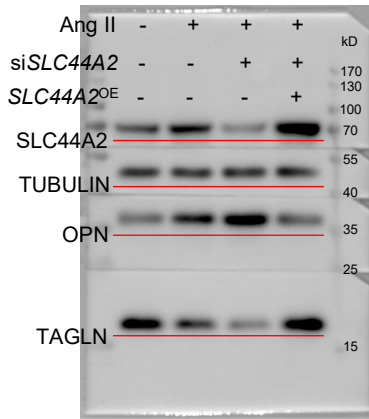


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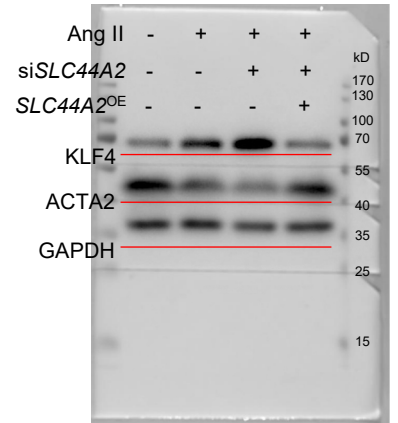
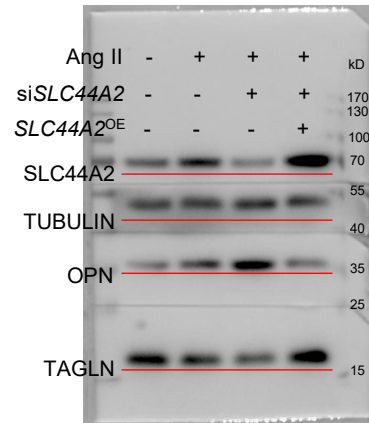




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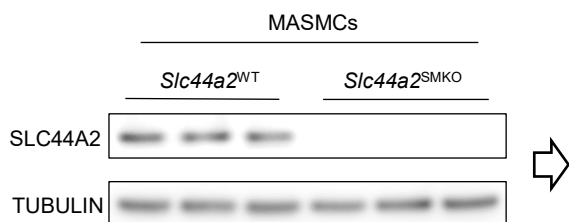


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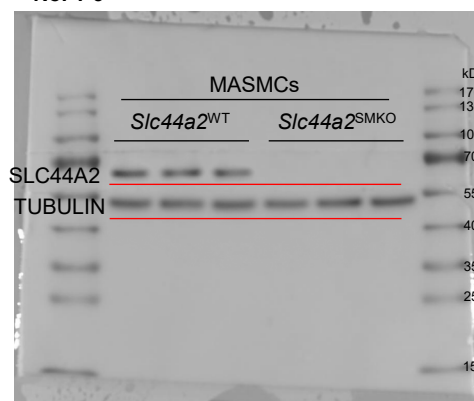


Full unedited gel for Supplemental Figure 4A N=3

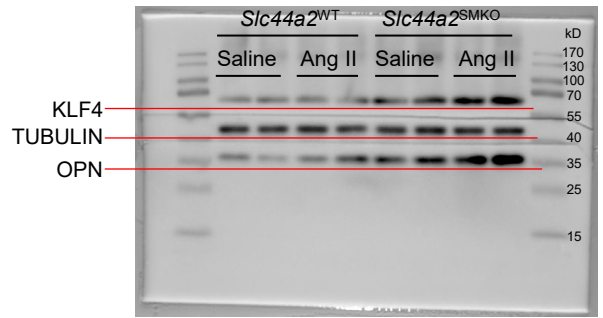
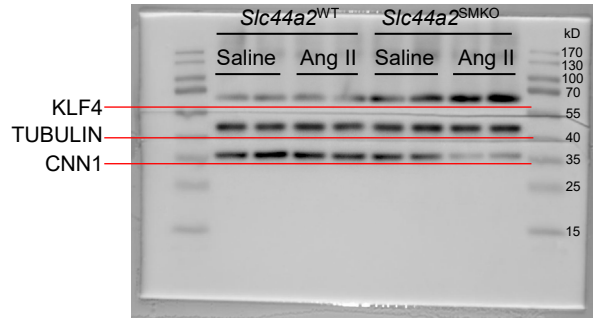
Supplemental Figure 4A



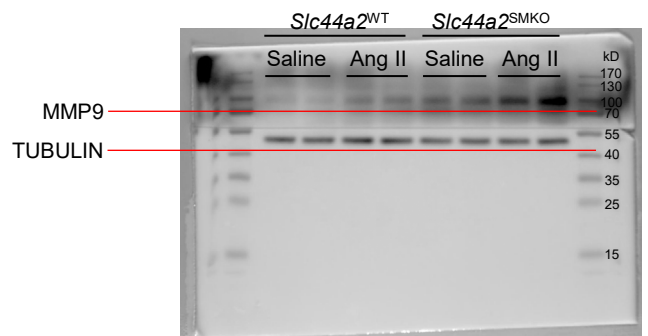
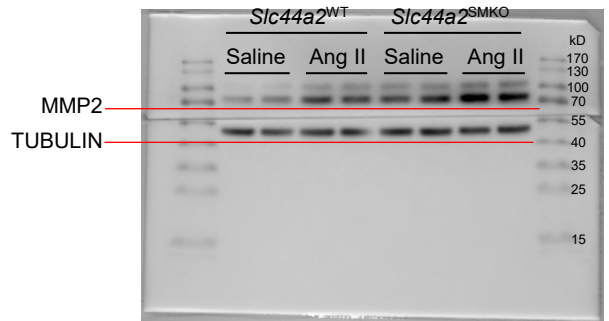
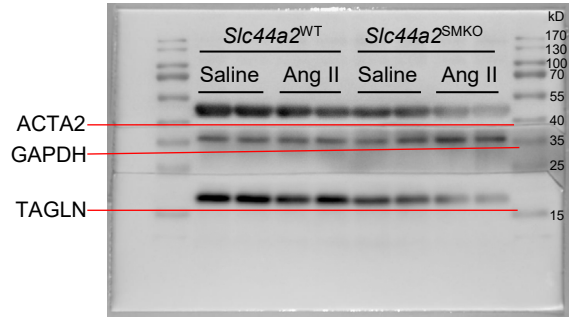
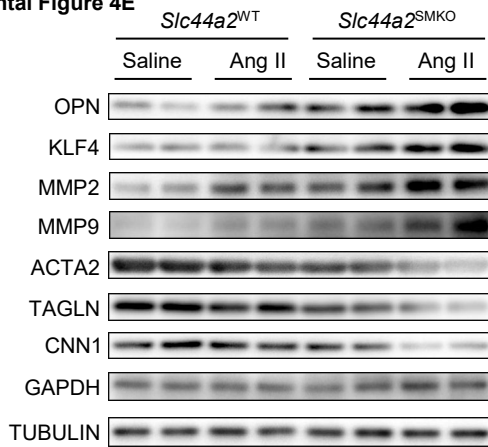
No. 1-3



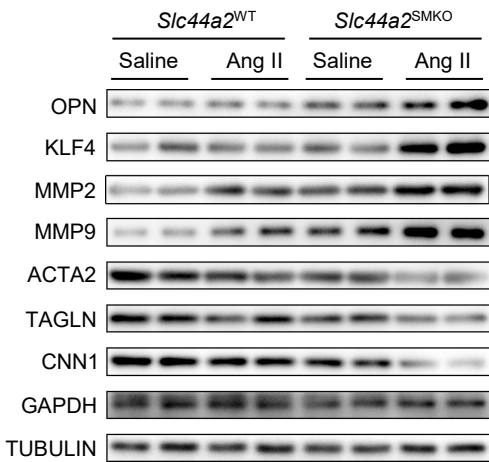
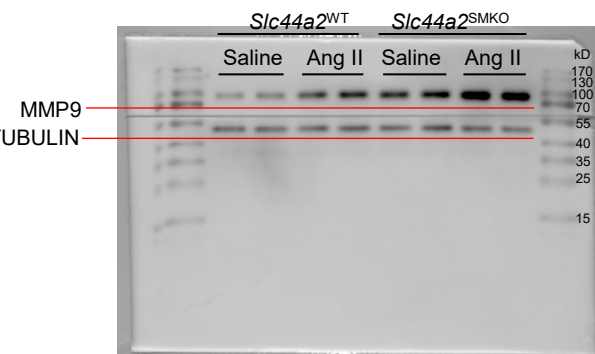
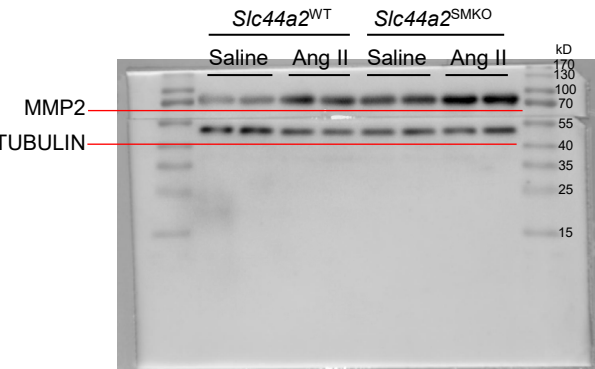
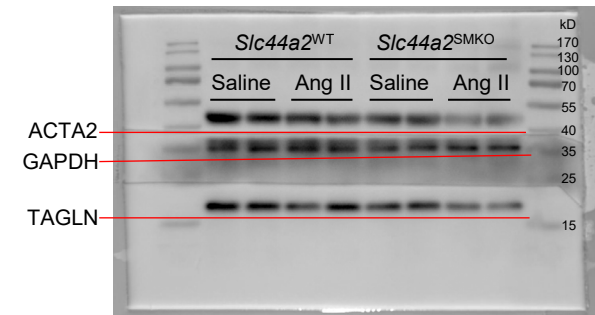
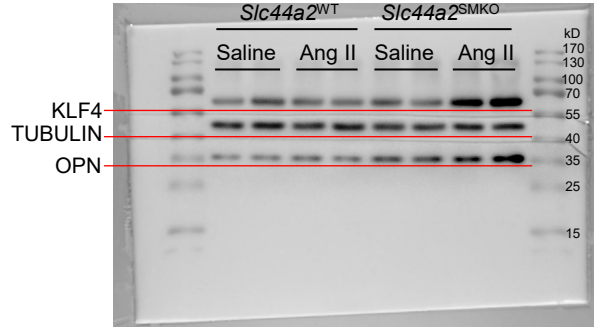
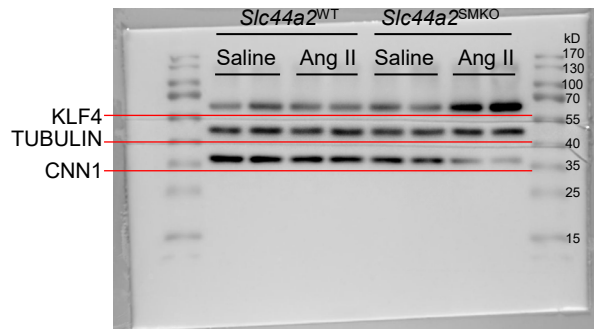
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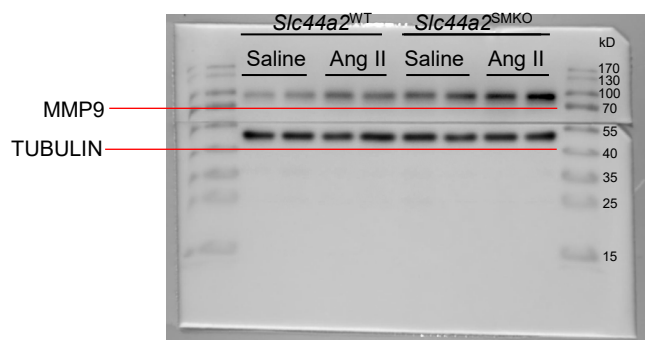
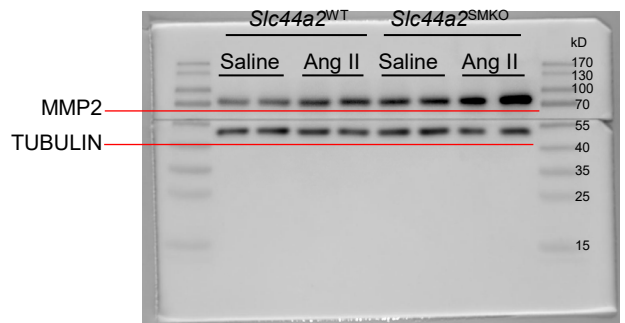
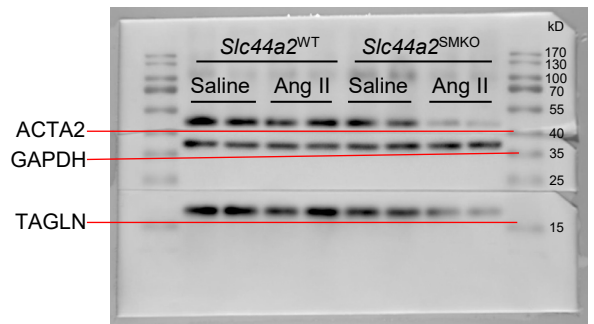
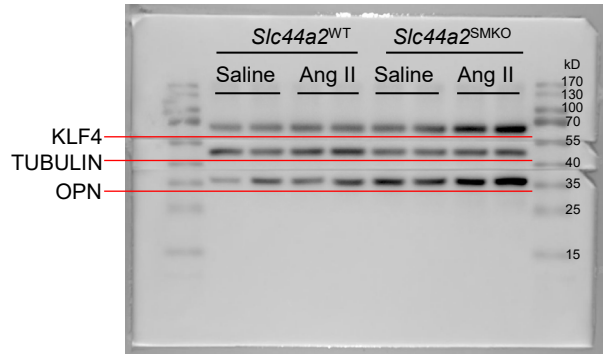
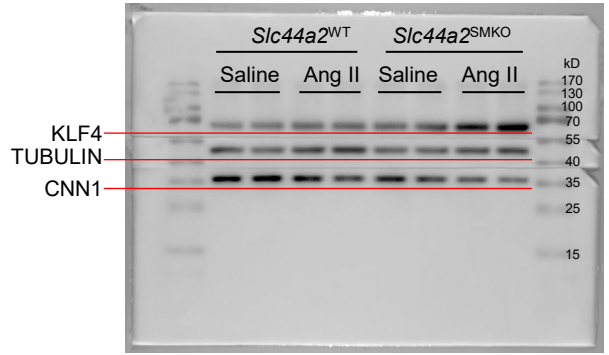
Supplemental Figure 4E



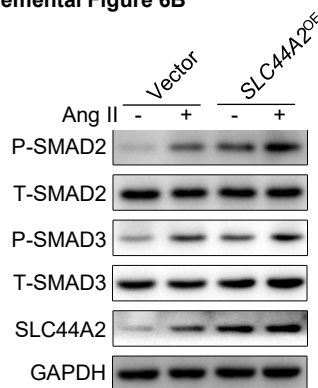
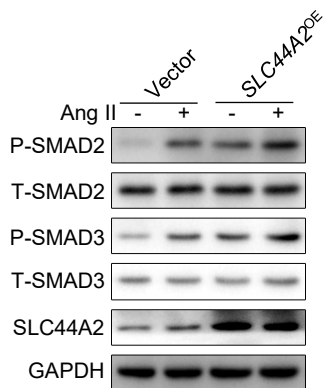
No. 3-4



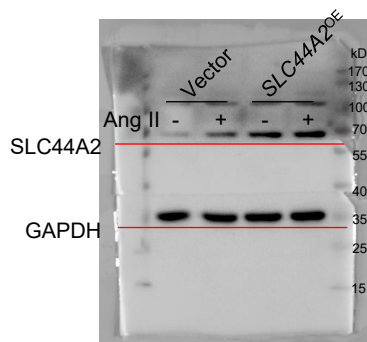
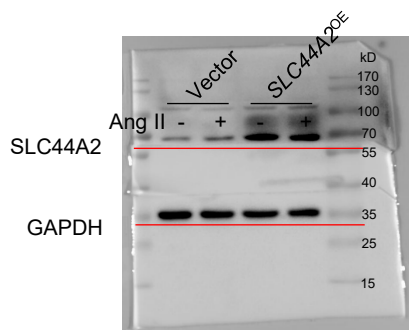
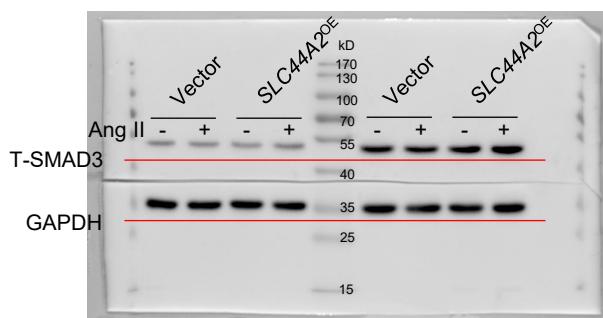
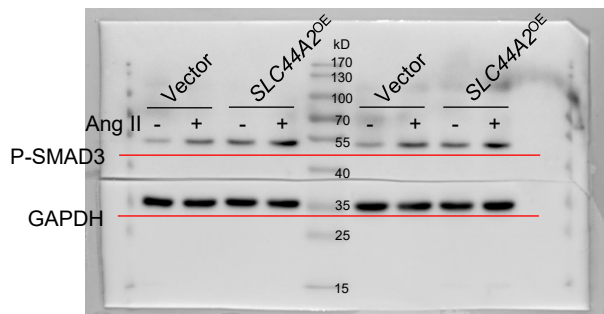
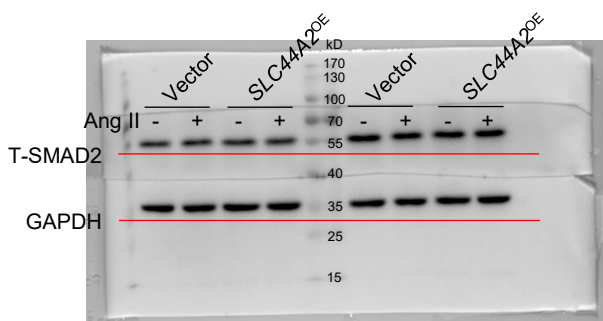
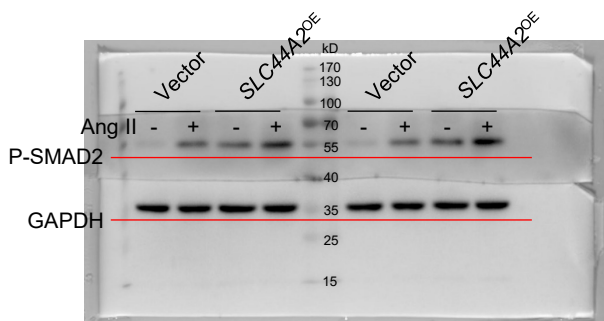
No. 5-6



Supplemental Figure 6B

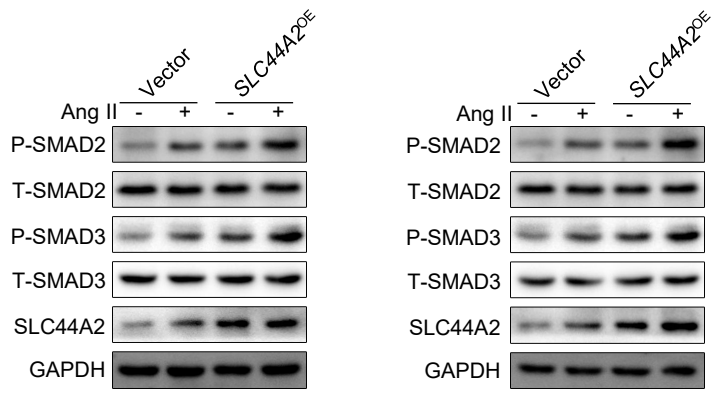


No. 1-2

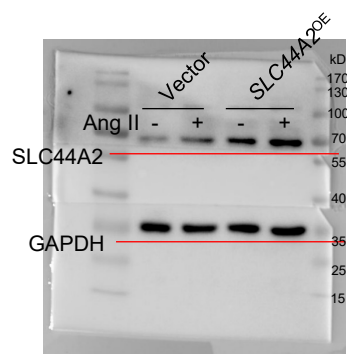
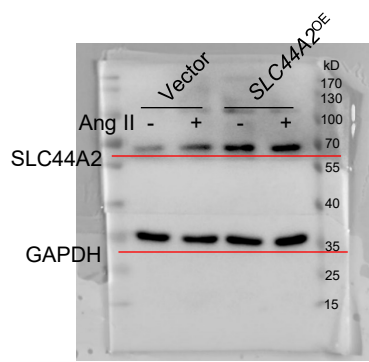
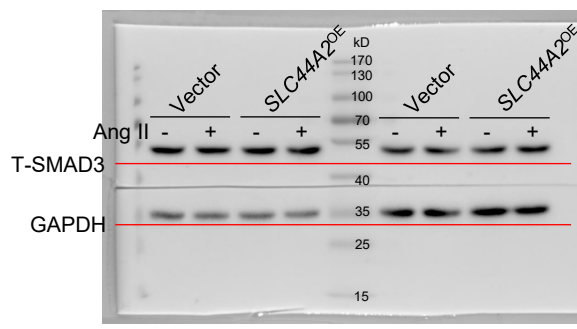
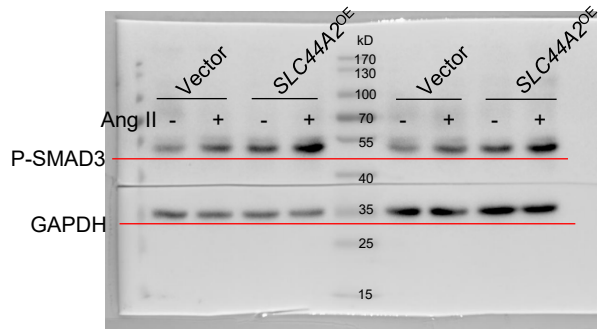
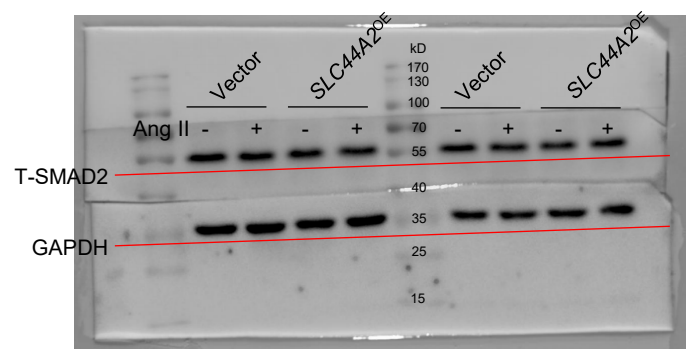
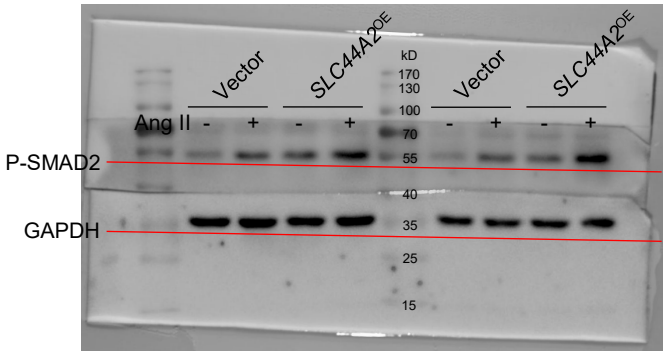




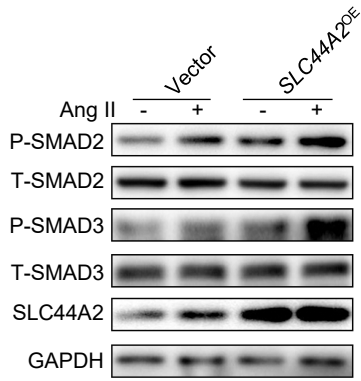
Full unedited gel for Supplemental Figure 6B N=5



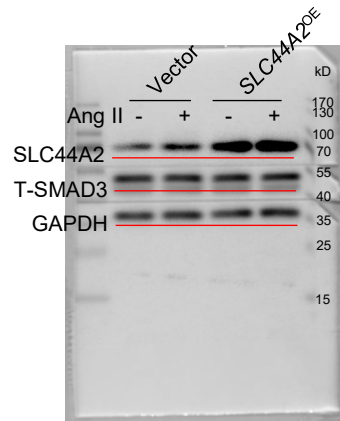
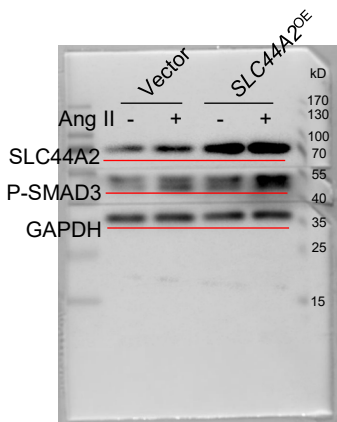
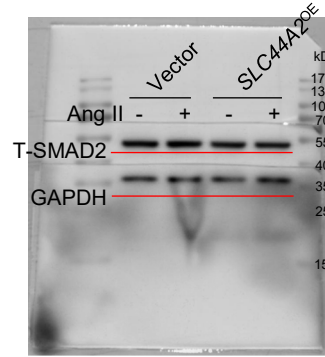
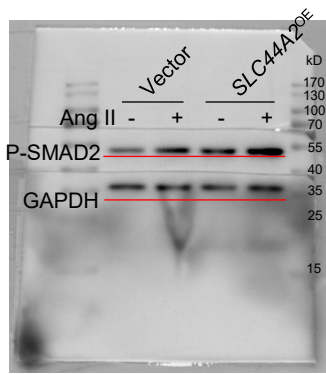
No. 3-4



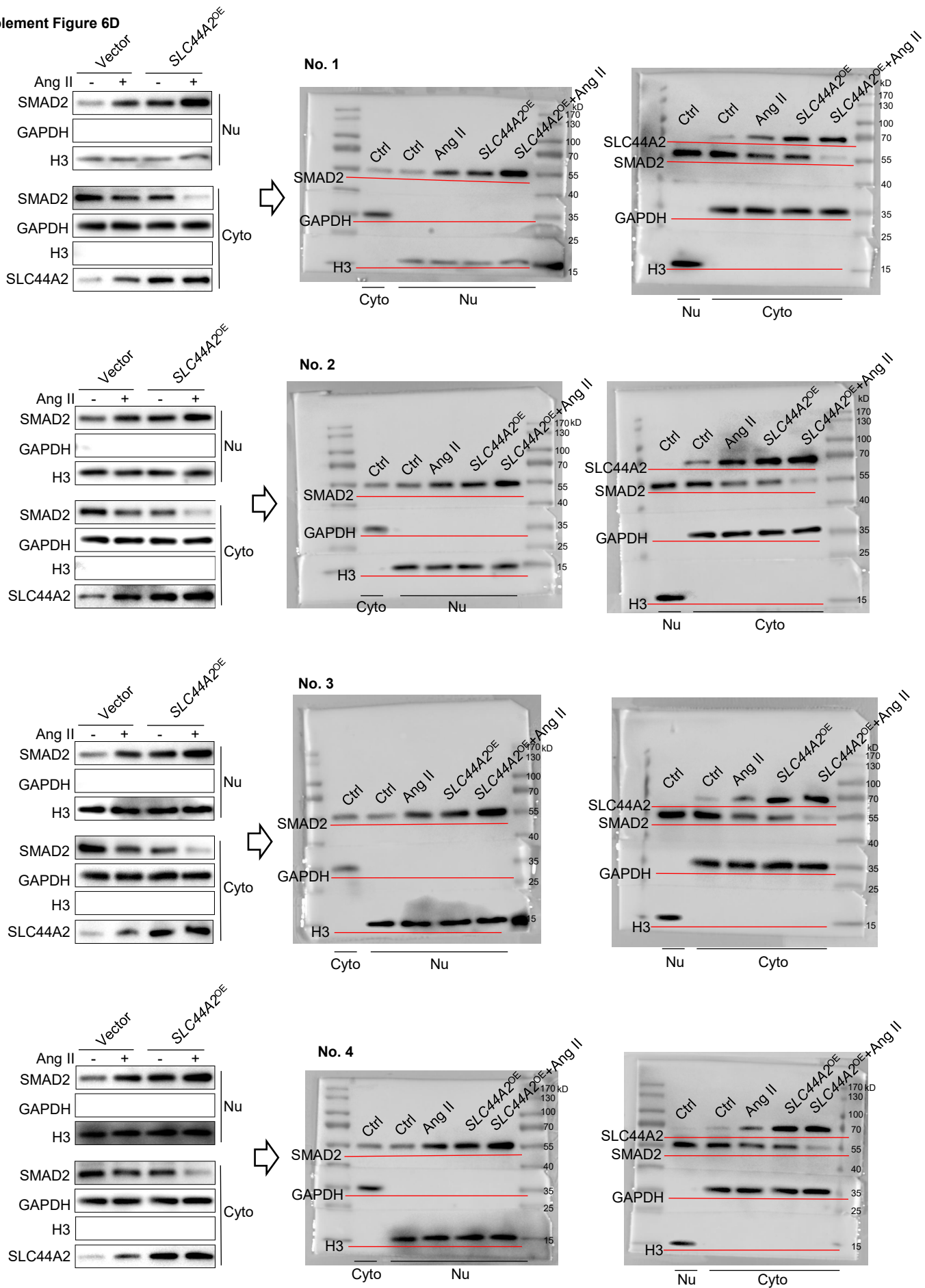
Full unedited gel for Supplemental Figure 6B N=5

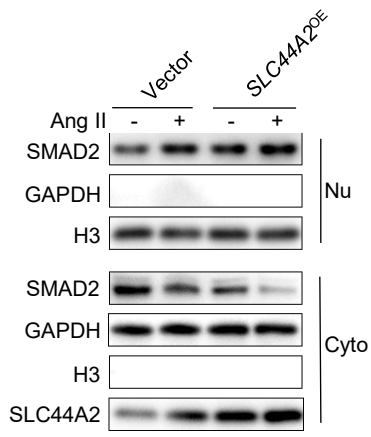


No. 5

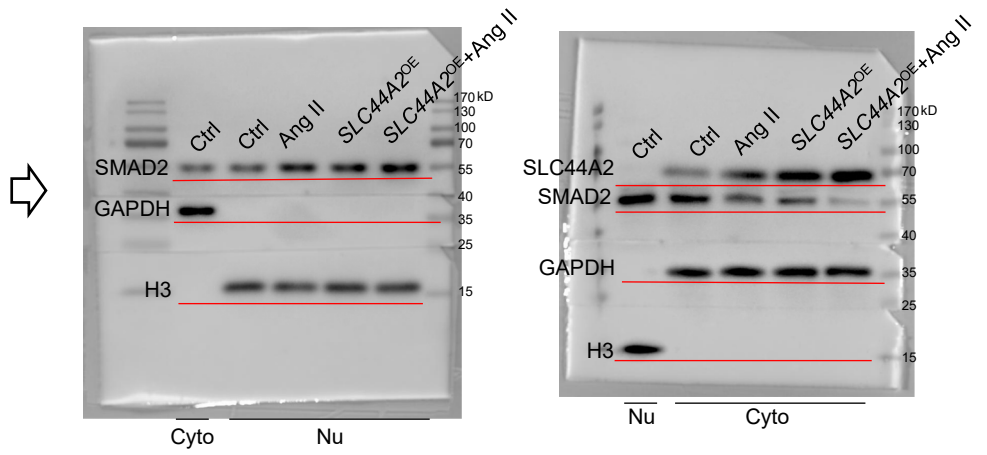


Supplement Figure 6D

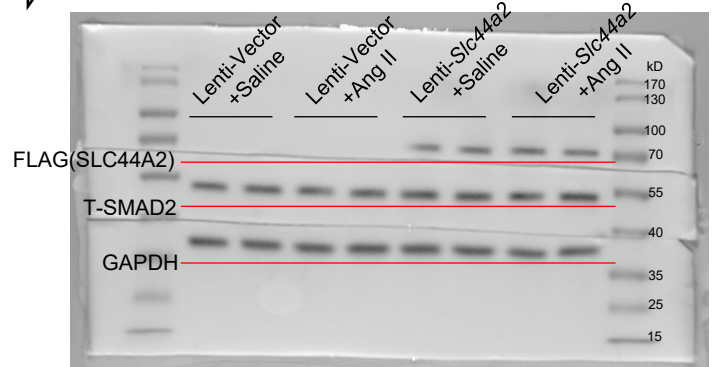
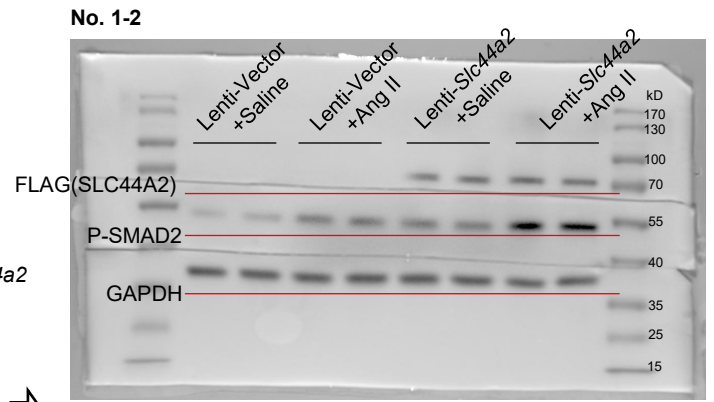
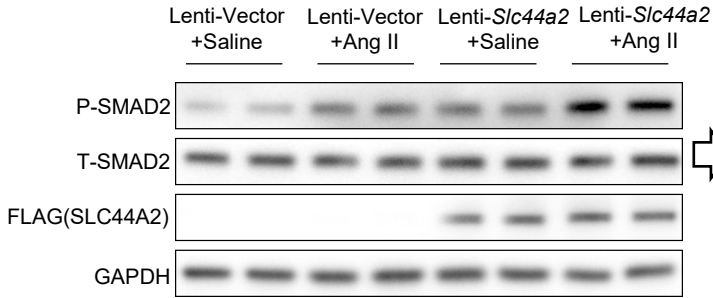




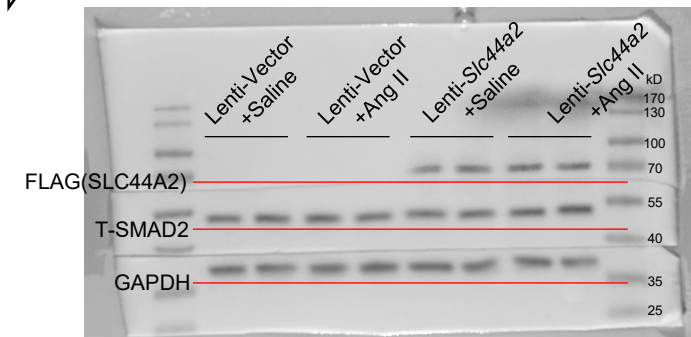
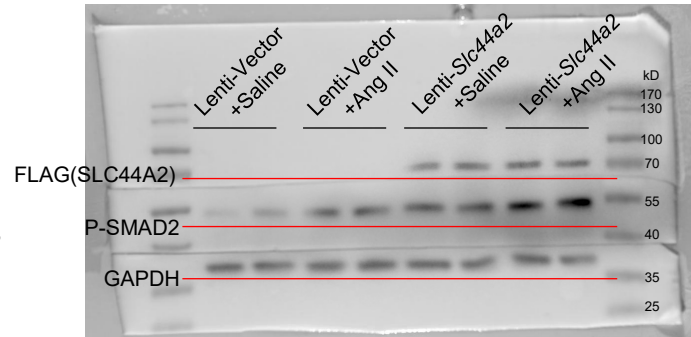
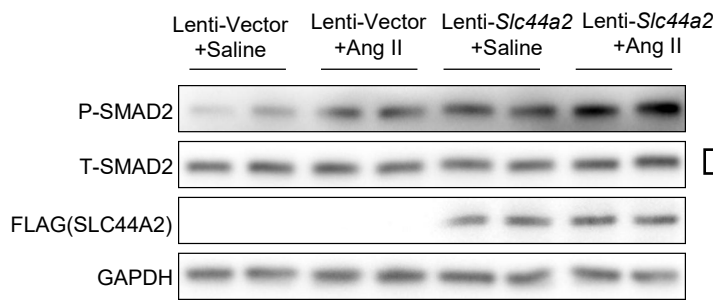
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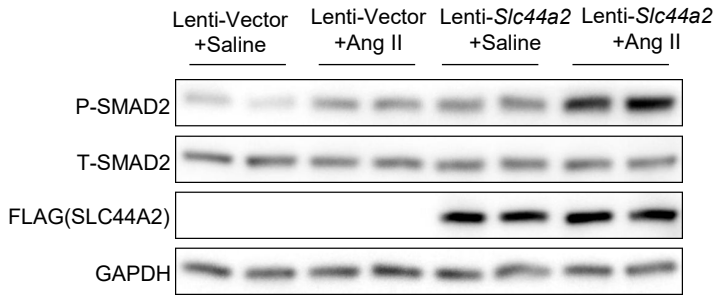


Supplement Figure 6F

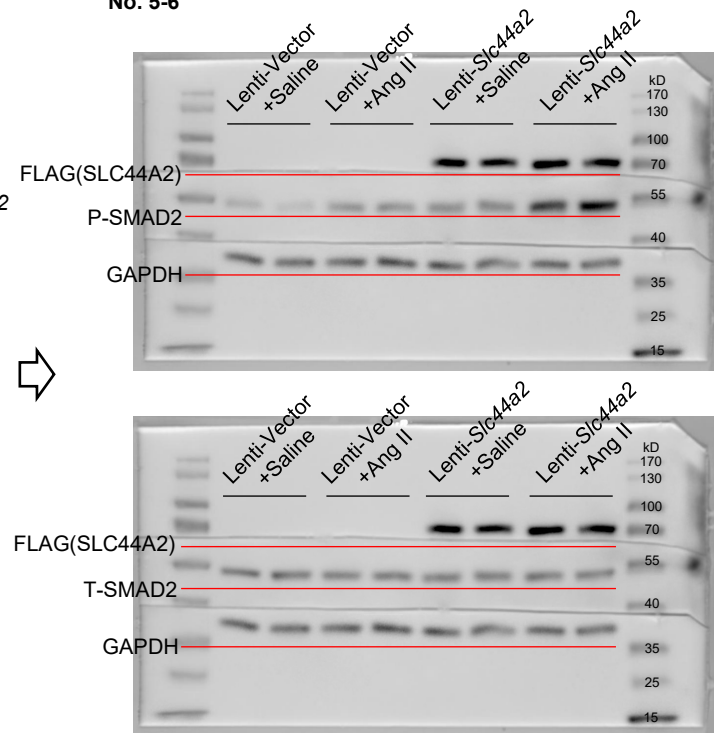


No. 3-4

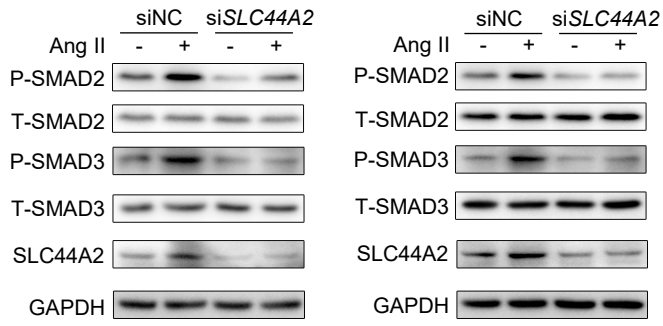




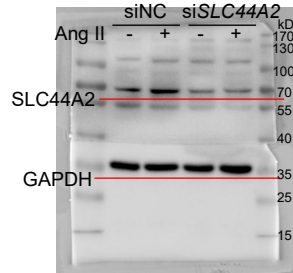
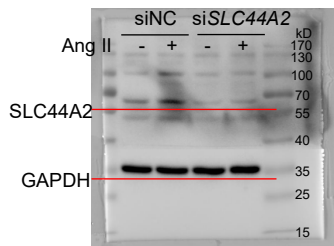
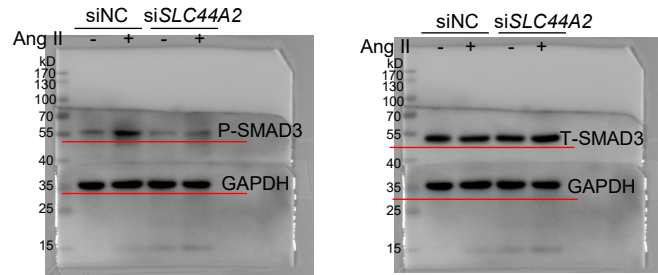
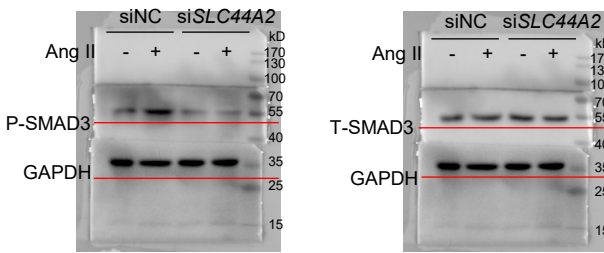
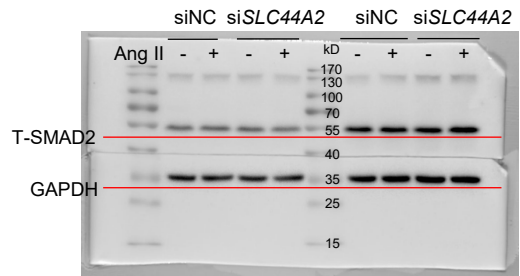
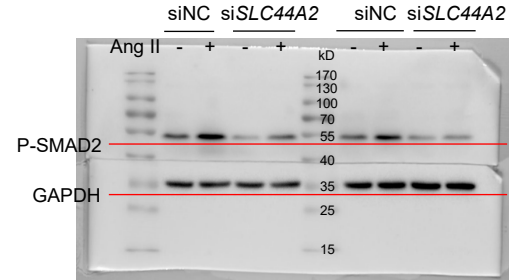
No. 5-6



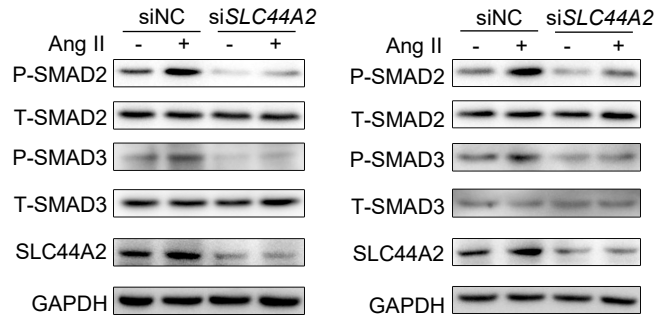
Supplement Figure 6H



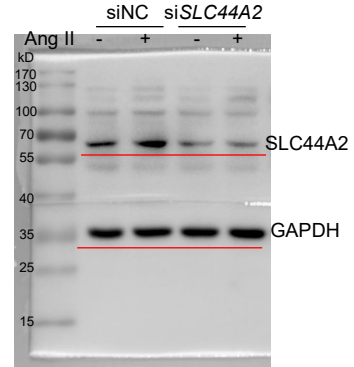
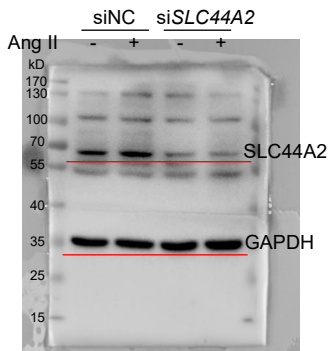
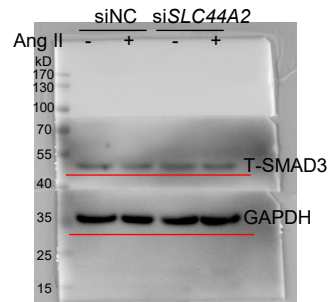
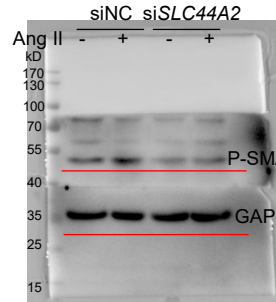
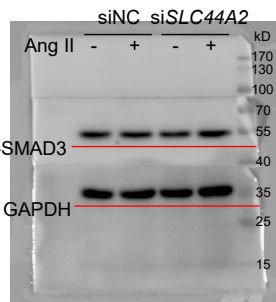
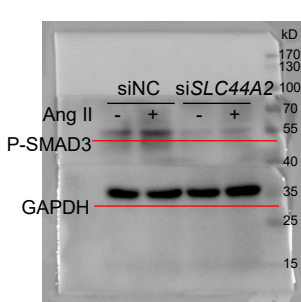
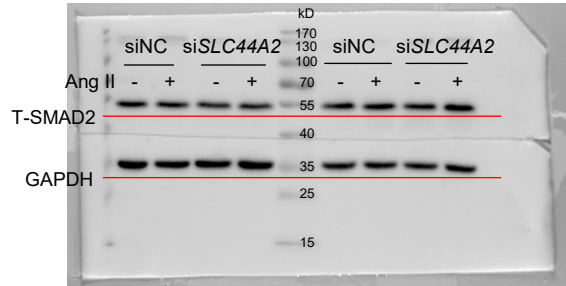
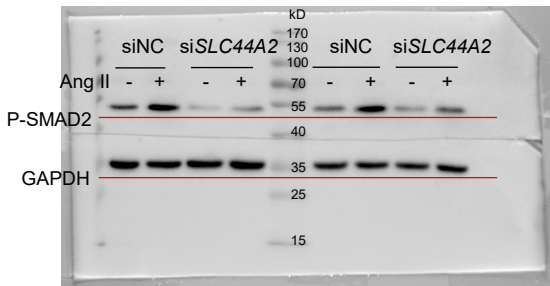
No. 1-2



Full unedited gel for Supplement Figure 6H N=5

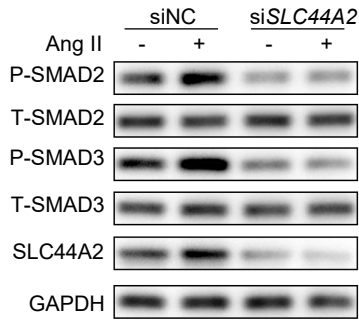


No. 3-4

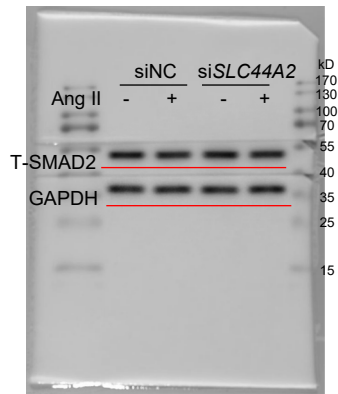
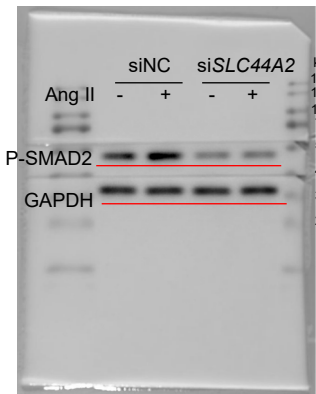
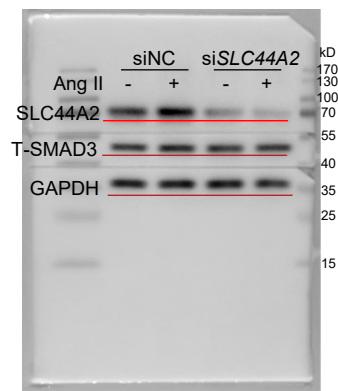
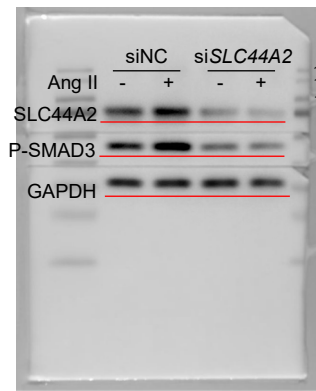




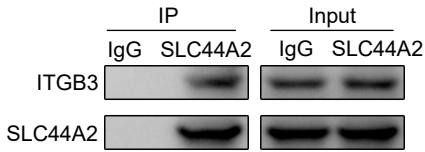
Full unedited gel for Supplement Figure 6H N=5



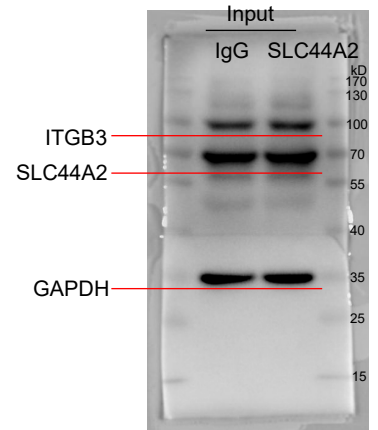
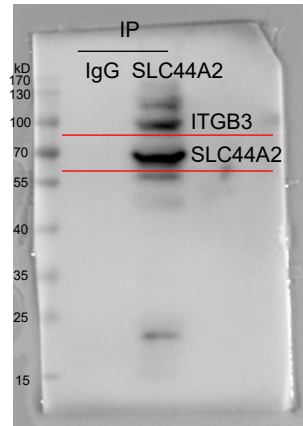
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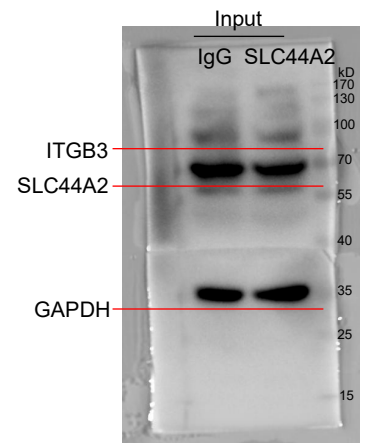
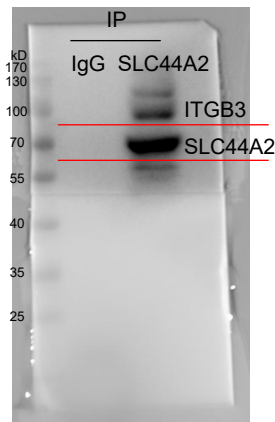
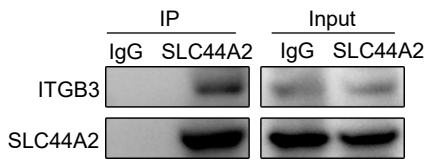
Supplement Figure 7A



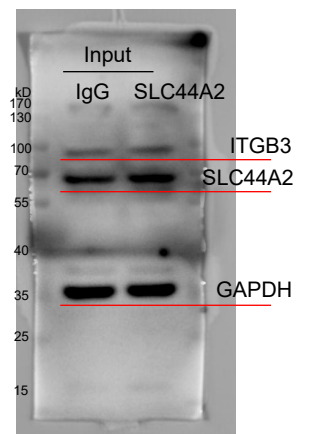
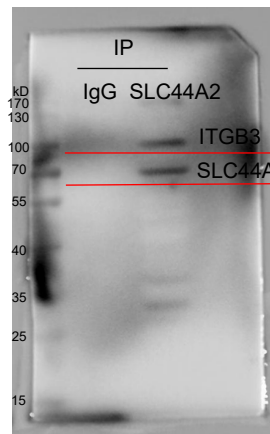
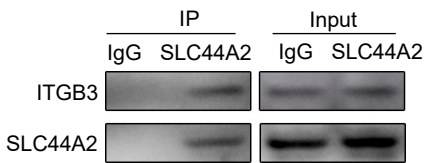
No. 1



No. 2

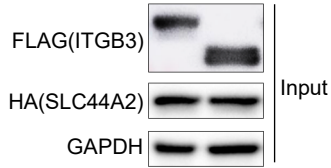
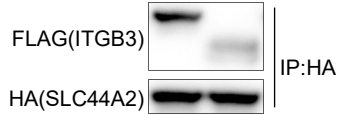


No. 3

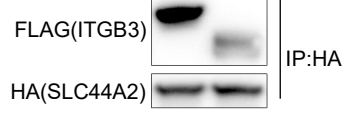


**Supplement Figure 7B**

HA-SLC44A2<sup>WT</sup> + +  
 FLAG-ITGB3<sup>WT</sup> + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - +

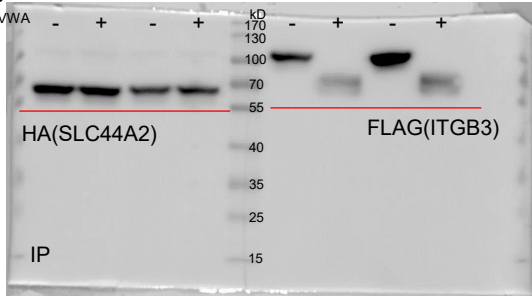


HA-SLC44A2<sup>WT</sup> + +  
 FLAG-ITGB3<sup>WT</sup> + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - +

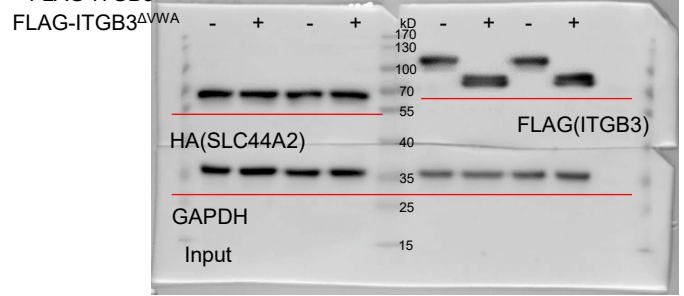


**No. 1-2**

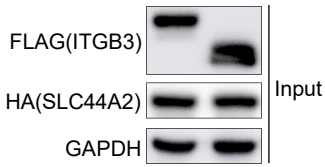
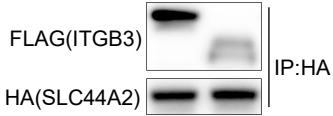
HA-SLC44A2<sup>WT</sup> + + + + + + + +  
 FLAG-ITGB3<sup>WT</sup> + - + - + - + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - + - + - + - +



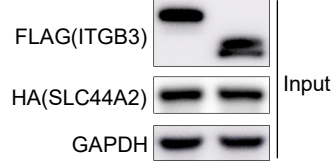
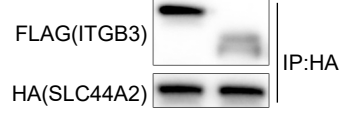
HA-SLC44A2<sup>WT</sup> + + + + + + + +  
 FLAG-ITGB3<sup>WT</sup> + - + - + - + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - + - + - + - +



HA-SLC44A2<sup>WT</sup> + +  
 FLAG-ITGB3<sup>WT</sup> + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - +

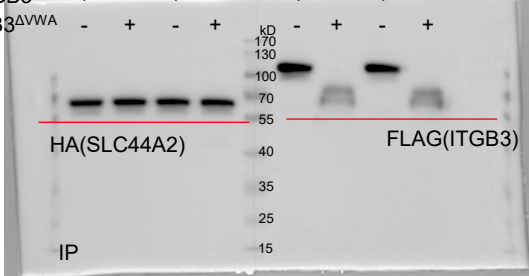


HA-SLC44A2<sup>WT</sup> + +  
 FLAG-ITGB3<sup>WT</sup> + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - +

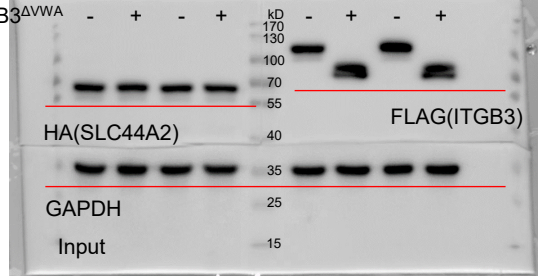


**No. 3-4**

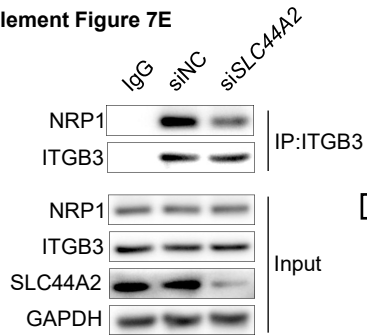
HA-SLC44A2<sup>WT</sup> + + + + + + + +  
 FLAG-ITGB3<sup>WT</sup> + - + - + - + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - + - + - + - +



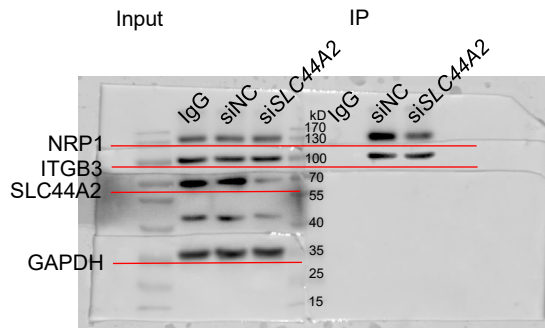
HA-SLC44A2<sup>WT</sup> + + + + + + + +  
 FLAG-ITGB3<sup>WT</sup> + - + - + - + -  
 FLAG-ITGB3<sup>ΔVWA</sup> - + - + - + - +



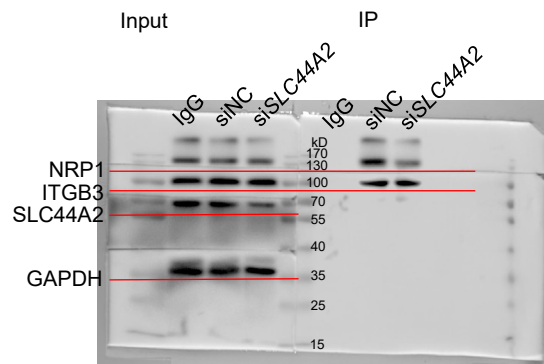
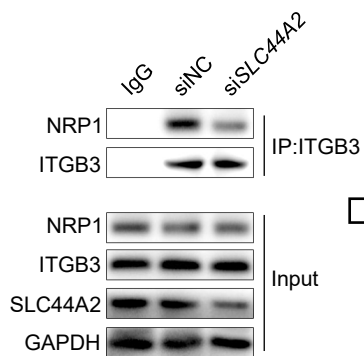
Supplement Figure 7E



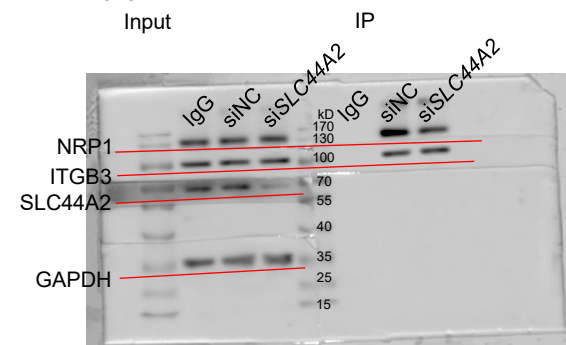
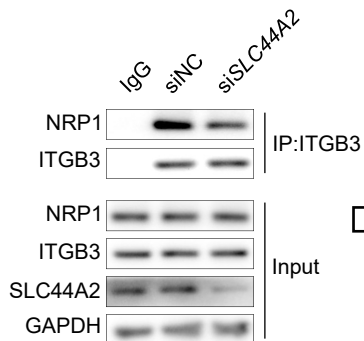
No. 1



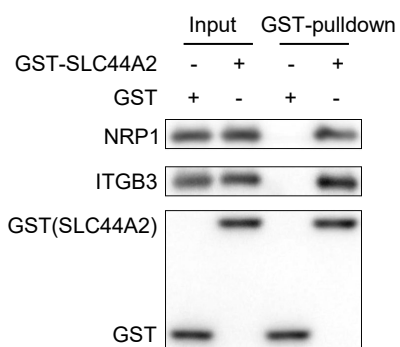
No. 2



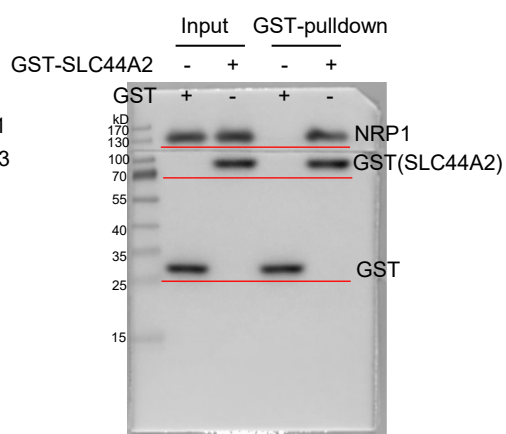
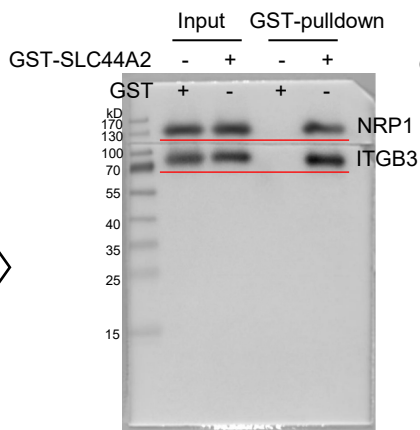
No. 3



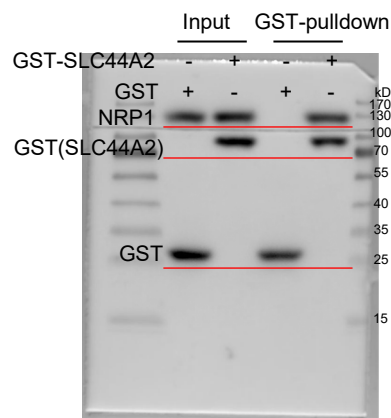
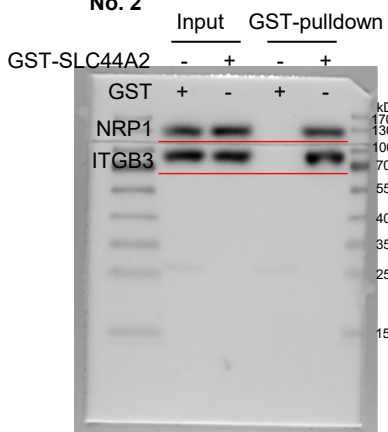
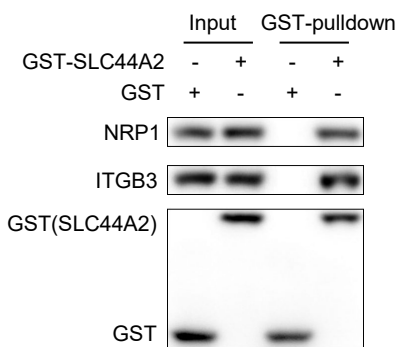
Supplement Figure 7F



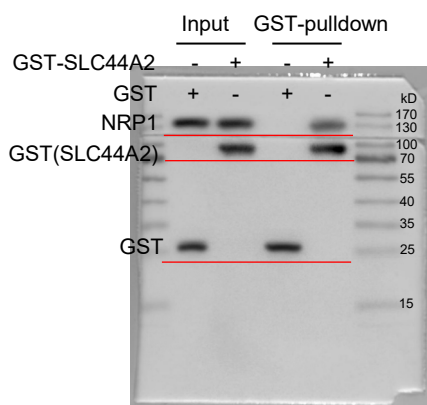
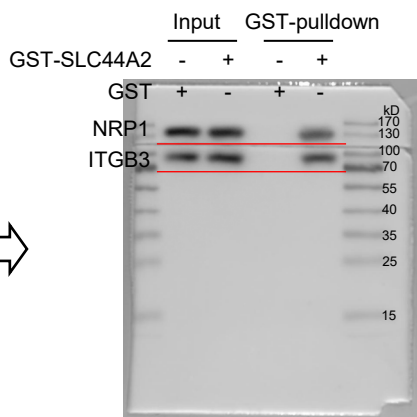
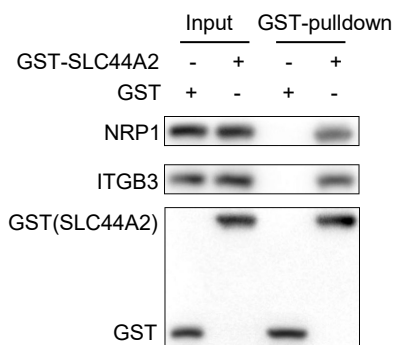
No. 1



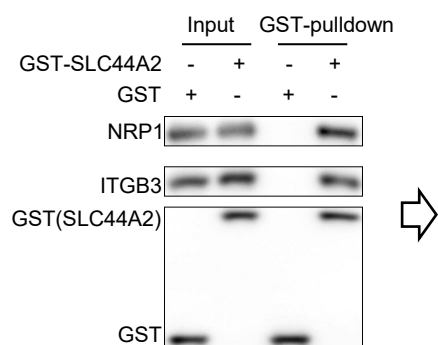
No. 2



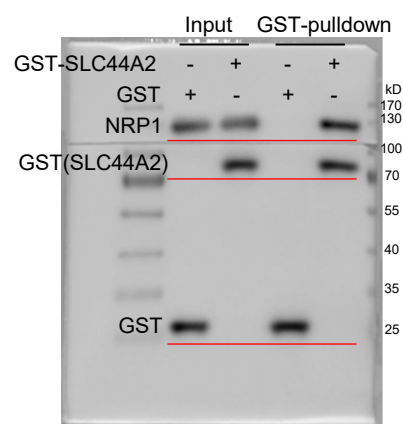
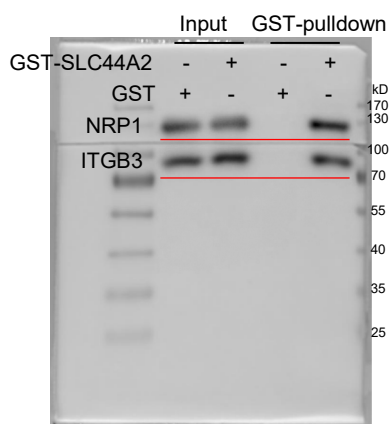
No. 3



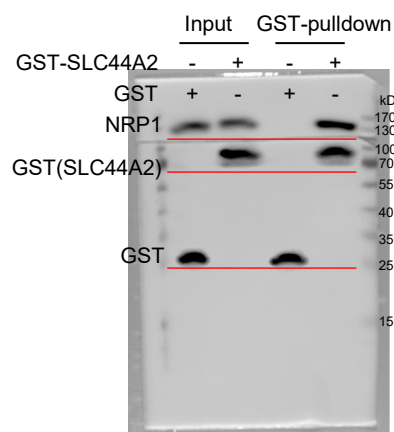
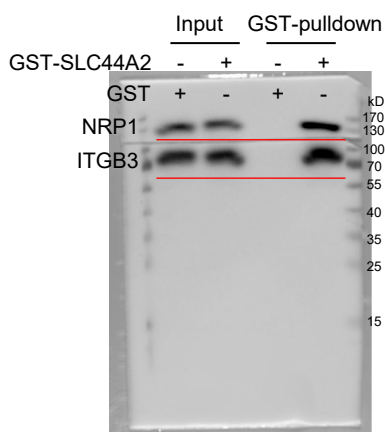
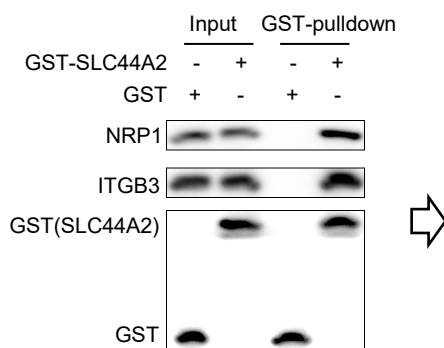
Supplement Figure 7G



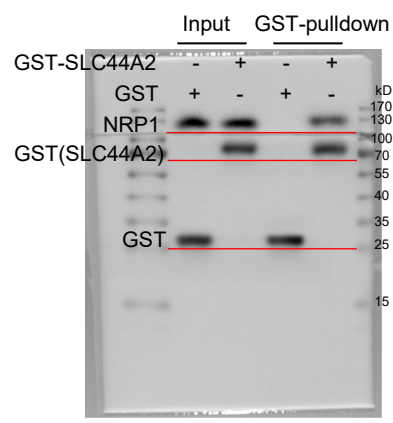
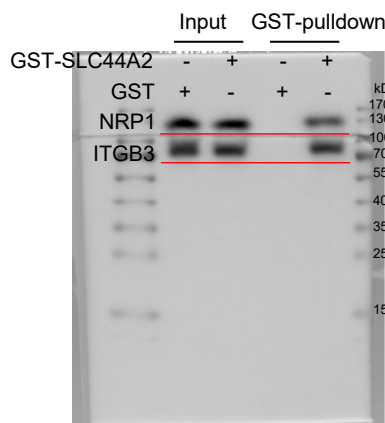
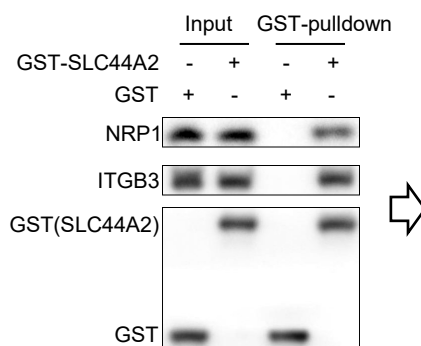
No. 1



No. 2



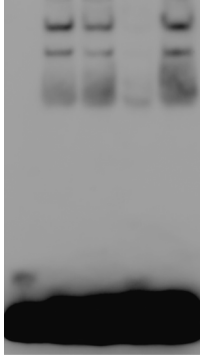
No. 3



Supplement Figure 9A

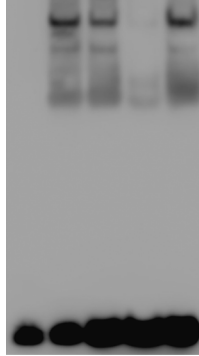
No. 1

Labeled Probe	+	+	+	+	+
Extract	-	+	+	+	+
Unlabeled Probe	-	-	+	-	-
RUNX1 Ab	-	-	-	+	-
IgG	-	-	-	-	+



No. 2

Labeled Probe	+	+	+	+	+
Extract	-	+	+	+	+
Unlabeled Probe	-	-	+	-	-
RUNX1 Ab	-	-	-	+	-
IgG	-	-	-	-	+

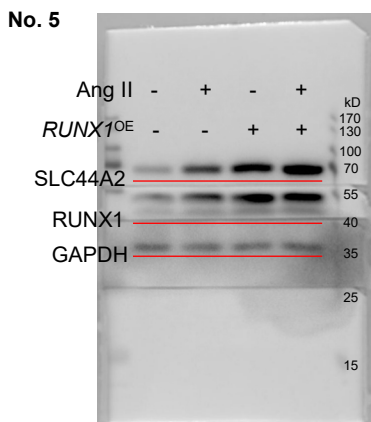
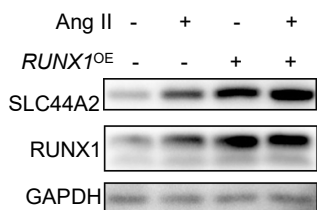
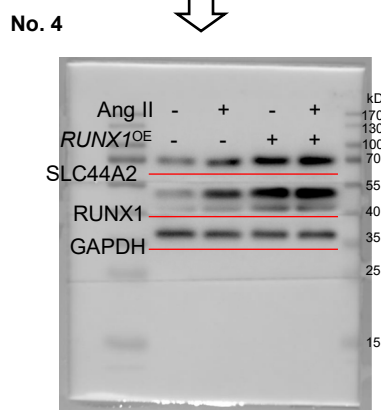
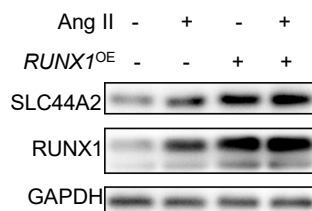
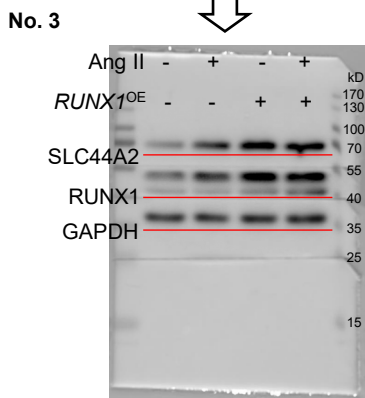
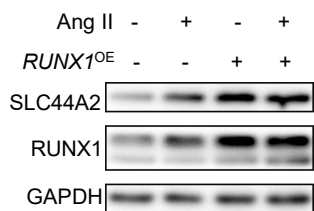
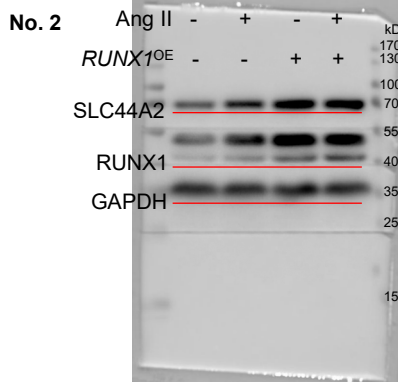
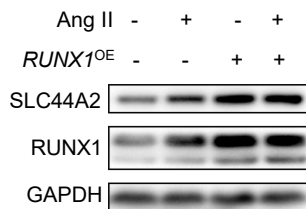
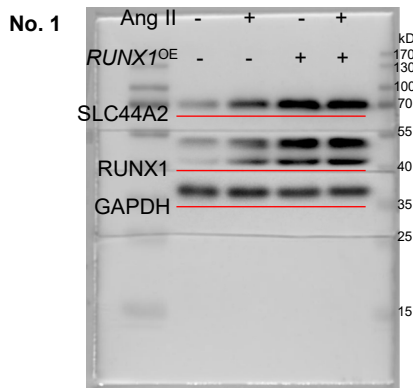
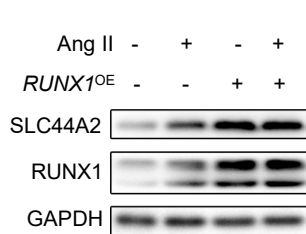


No. 3

Labeled Probe	+	+	+	+	+
Extract	-	+	+	+	+
Unlabeled Probe	-	-	+	-	-
RUNX1 Ab	-	-	-	+	-
IgG	-	-	-	-	+

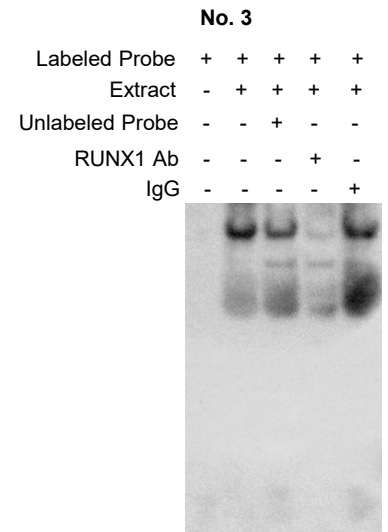
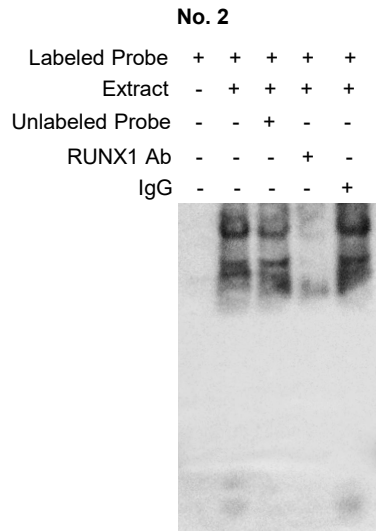
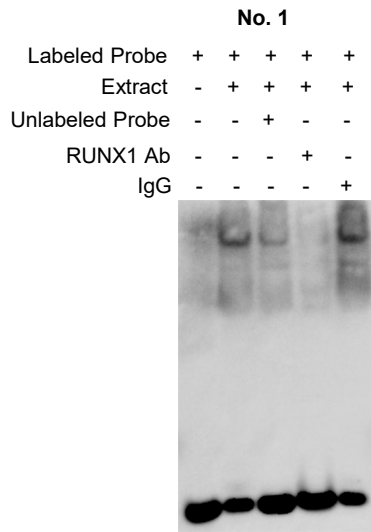


Supplement Figure 9C

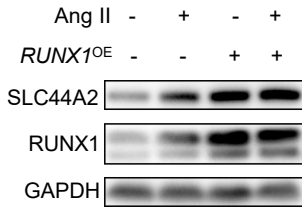




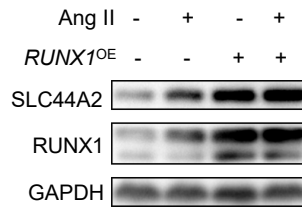
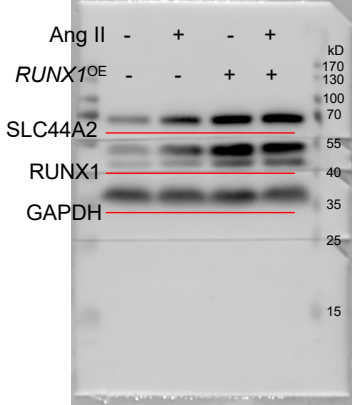
Supplement Figure 9D



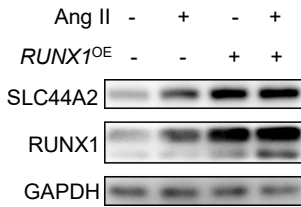
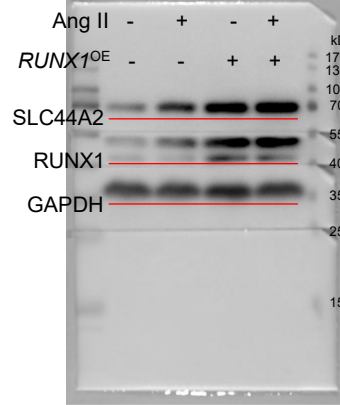
Supplement Figure 9F



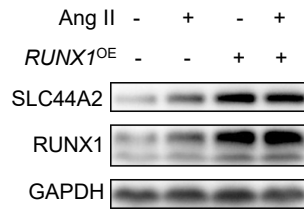
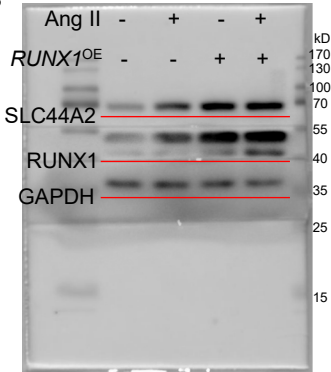
No. 1



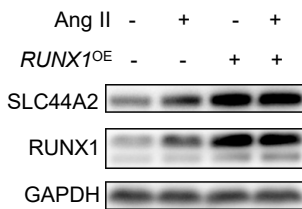
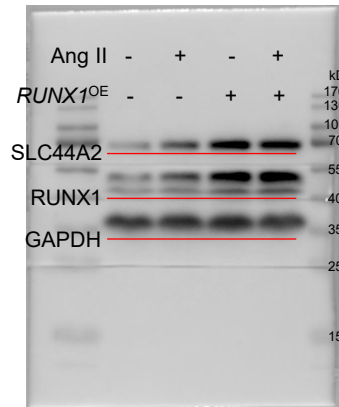
No. 2



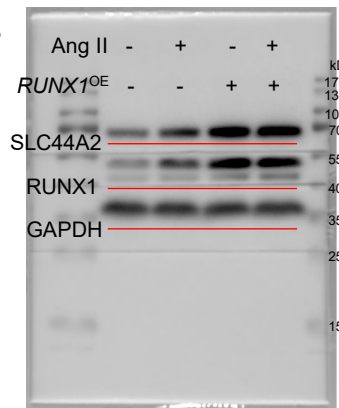
No. 3



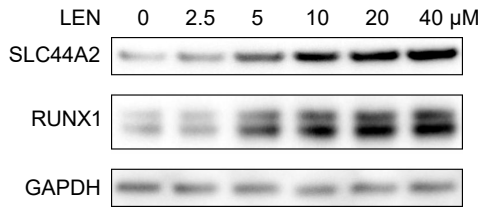
No. 4



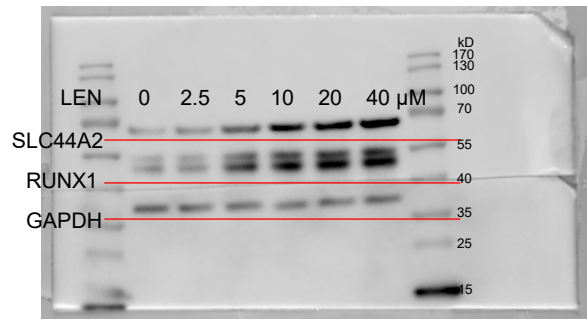
No. 5



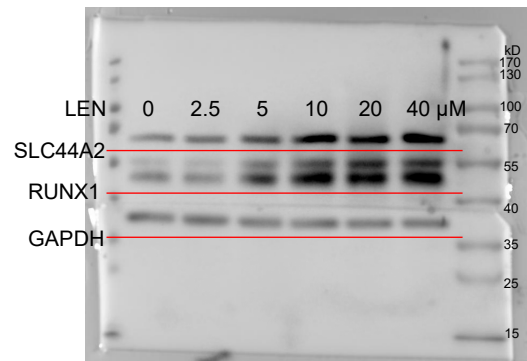
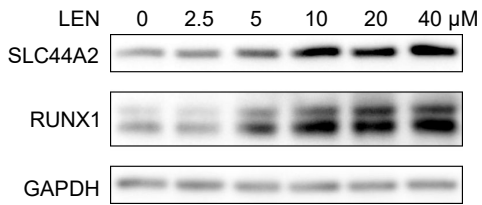
Supplement Figure 11A



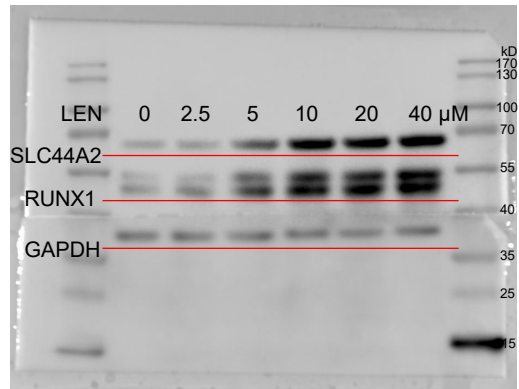
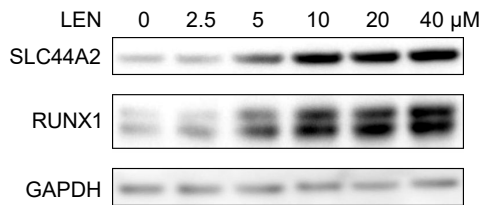
No. 1

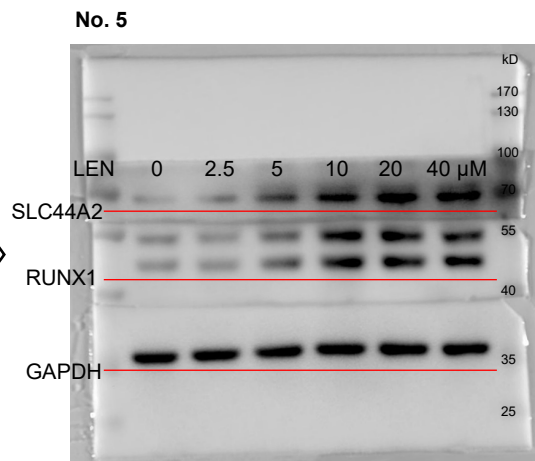
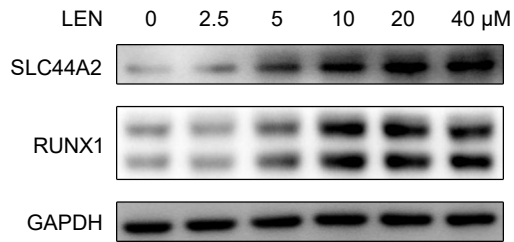
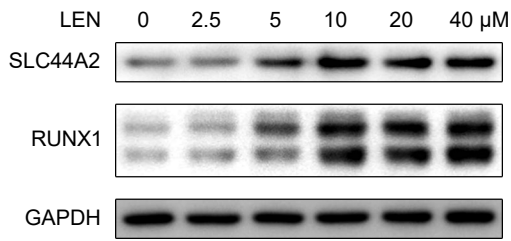


No. 2

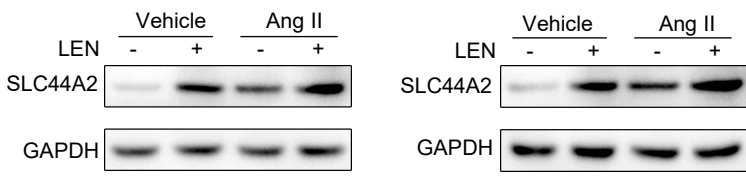


No. 3

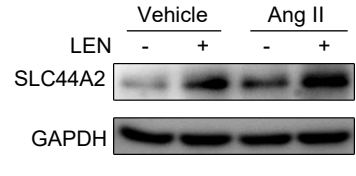
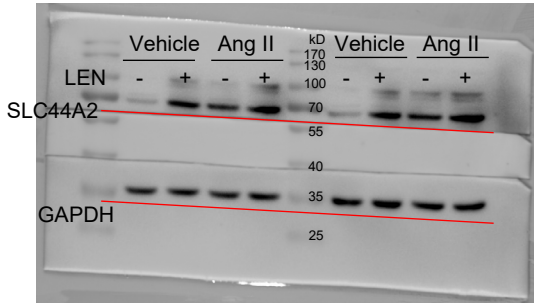




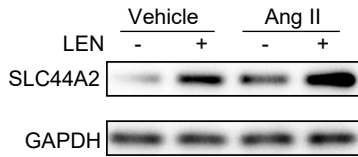
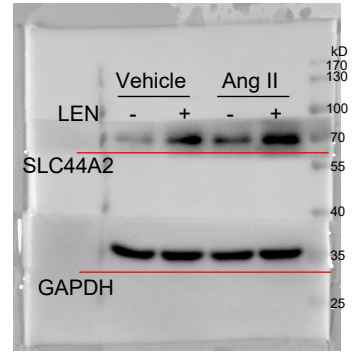
Supplement Figure 11B



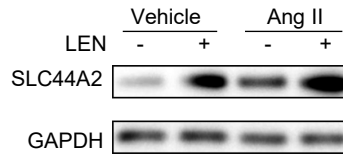
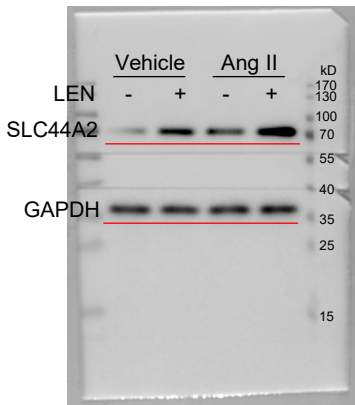
No. 1-2



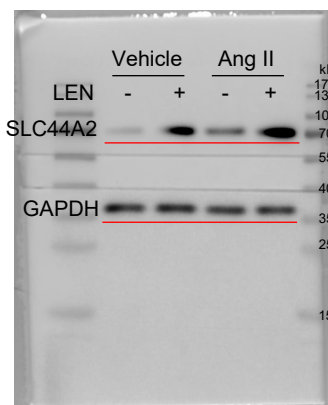
No. 3



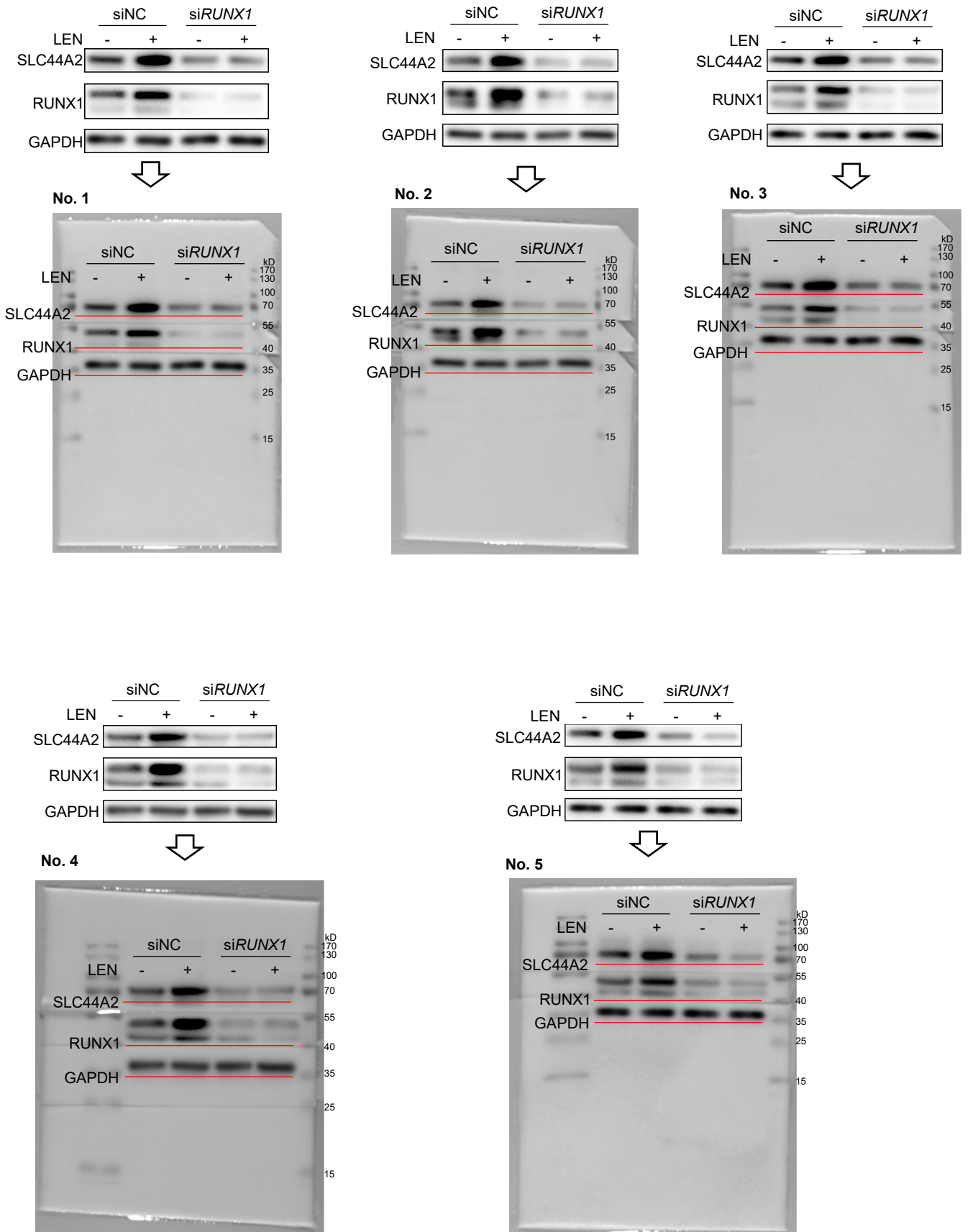
No. 4



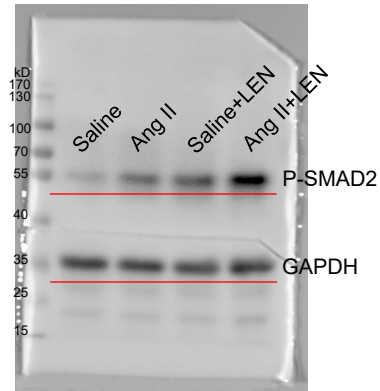
No. 5



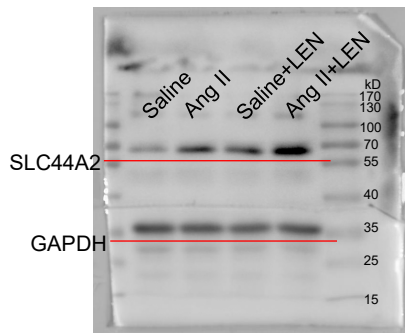
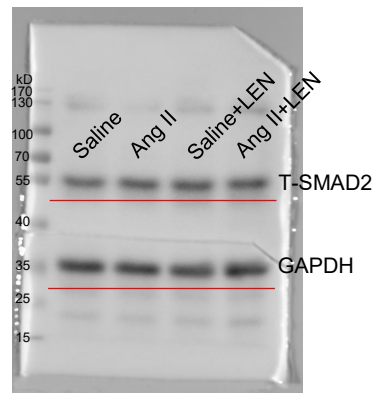
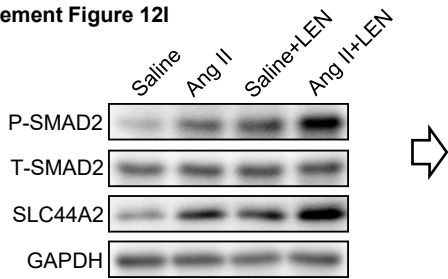
Supplement Figure 11C

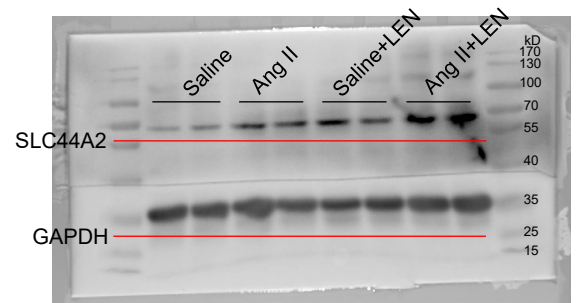
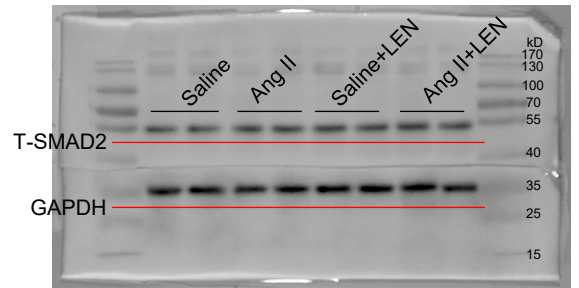
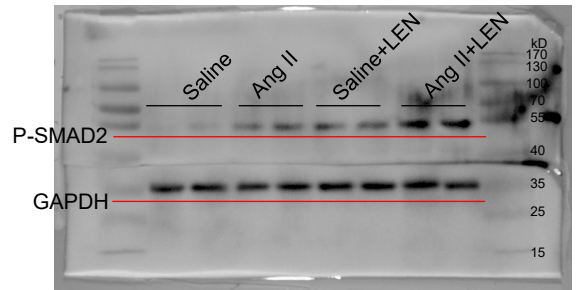
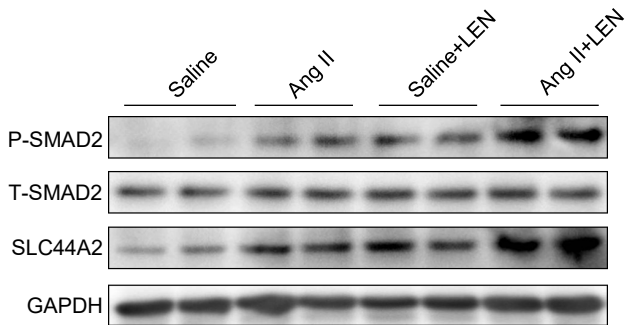


No. 1



Supplement Figure 12|







No. 4-5

