

kDa

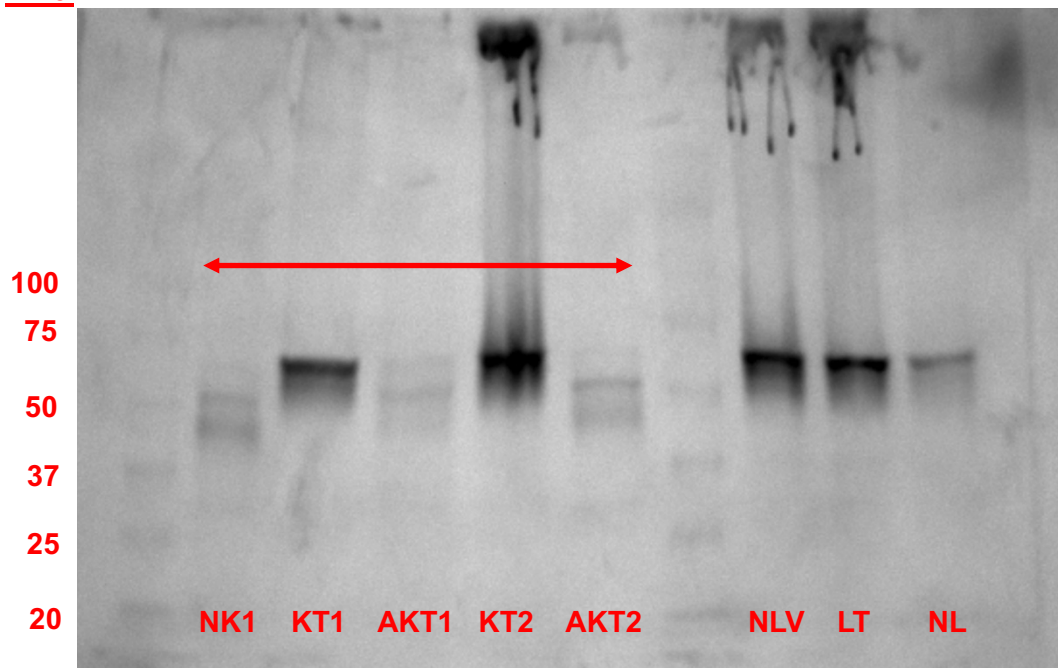


Figure A: Unedited gel of cytokeratin 18 (**Krt18**) expression used in **Figure 3M** with the corresponding ladder. The red arrow spans the bands used in the manuscript. (Mol. Wt. = 48kDa). NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor; NLV = Normal Liver; LT = Liver Tumor; NL = Normal Lung

kDa

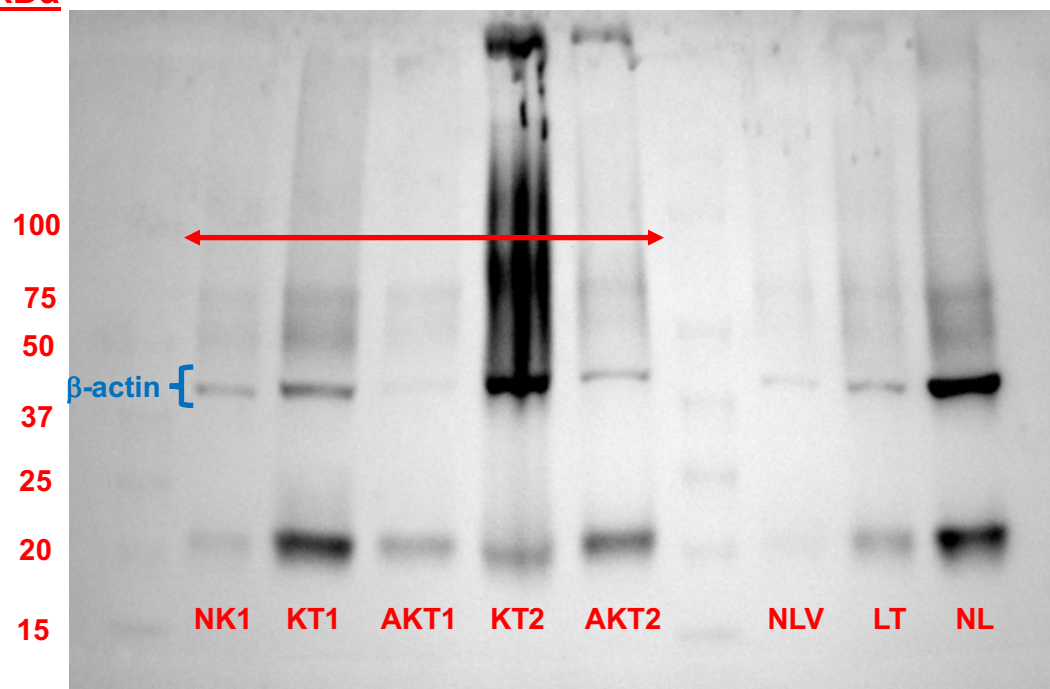


Figure B: Unedited gel of **beta-actin** expression for **Krt18** used in **Figure 3M** with the corresponding ladder. The red arrow spans the bands used in the manuscript. (Mol. Wt. = 42kDa). NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor; NLV = Normal Liver; LT = Liver Tumor; NL = Normal Lung

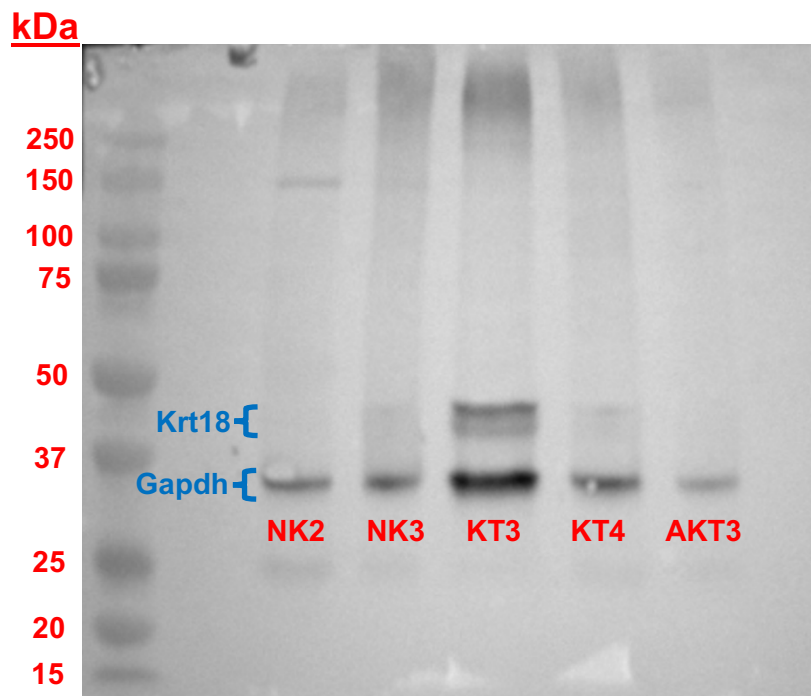


Figure C: Unedited gel of cytokeratin 18 (**Krt18**) (Mol. Wt. = 48kDa) and glyceraldehyde-3-phosphate dehydrogenase (**Gapdh**) (Mol. Wt. = 36kDa) expression for **Figure 3M** with the corresponding ladder. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor.

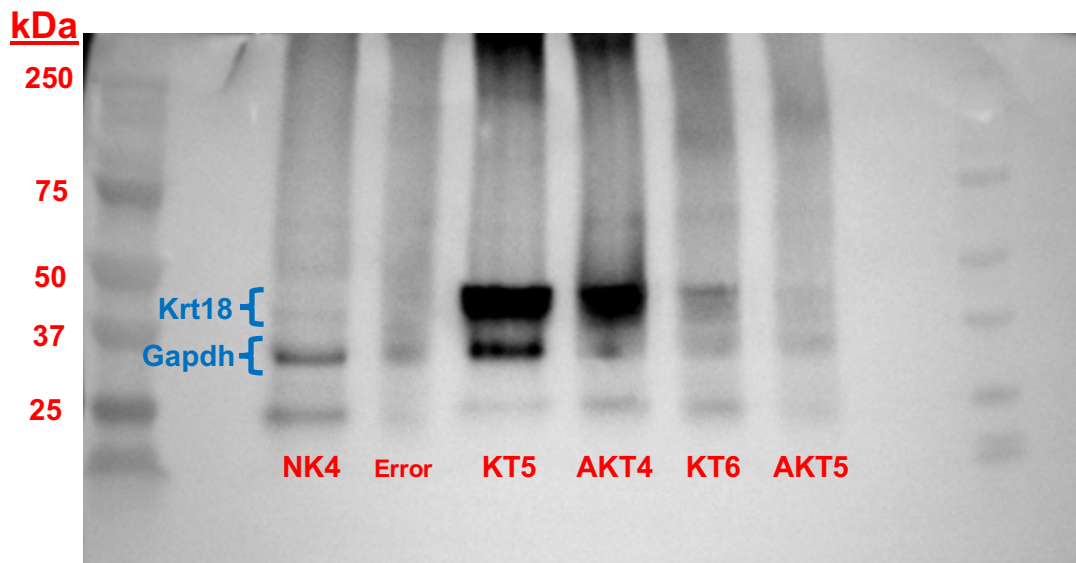


Figure D: Unedited gel of cytokeratin 18 (**Krt18**) (Mol. Wt. = 48kDa) and glyceraldehyde-3-phosphate dehydrogenase (**Gapdh**) (Mol. Wt. = 36kDa) expression for **Figure 3M** with the corresponding ladder. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor.

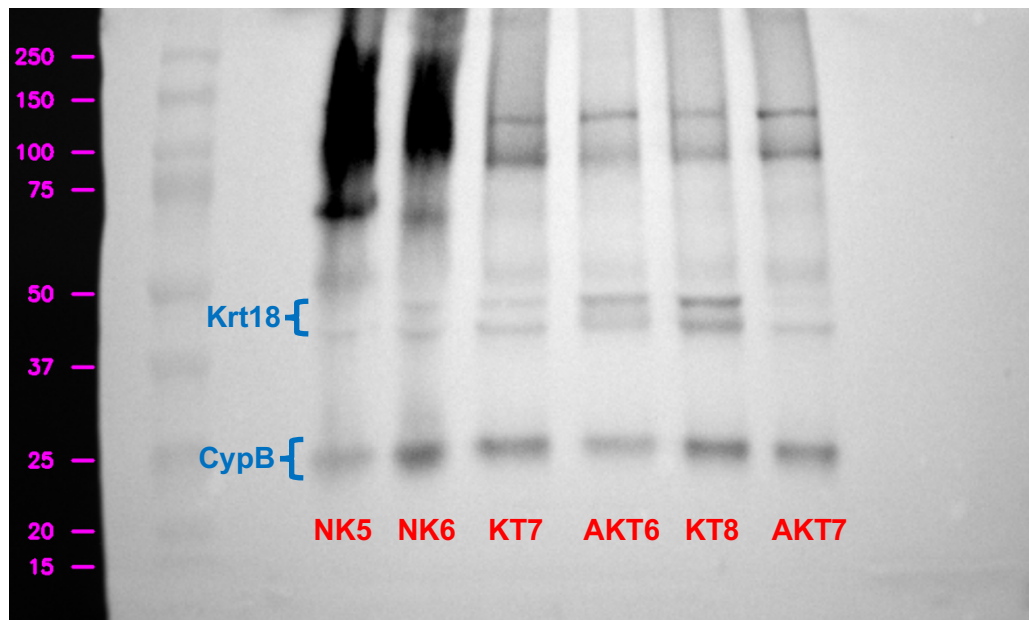


Figure E: Unedited gel of cytokeratin 18 (**Krt18**) (Mol. Wt. = 48kDa) and cyclophilin-B (**Cyp-B**) (Mol. Wt. = 24kDa) expression for **Figure 3M** with the corresponding ladder. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor.

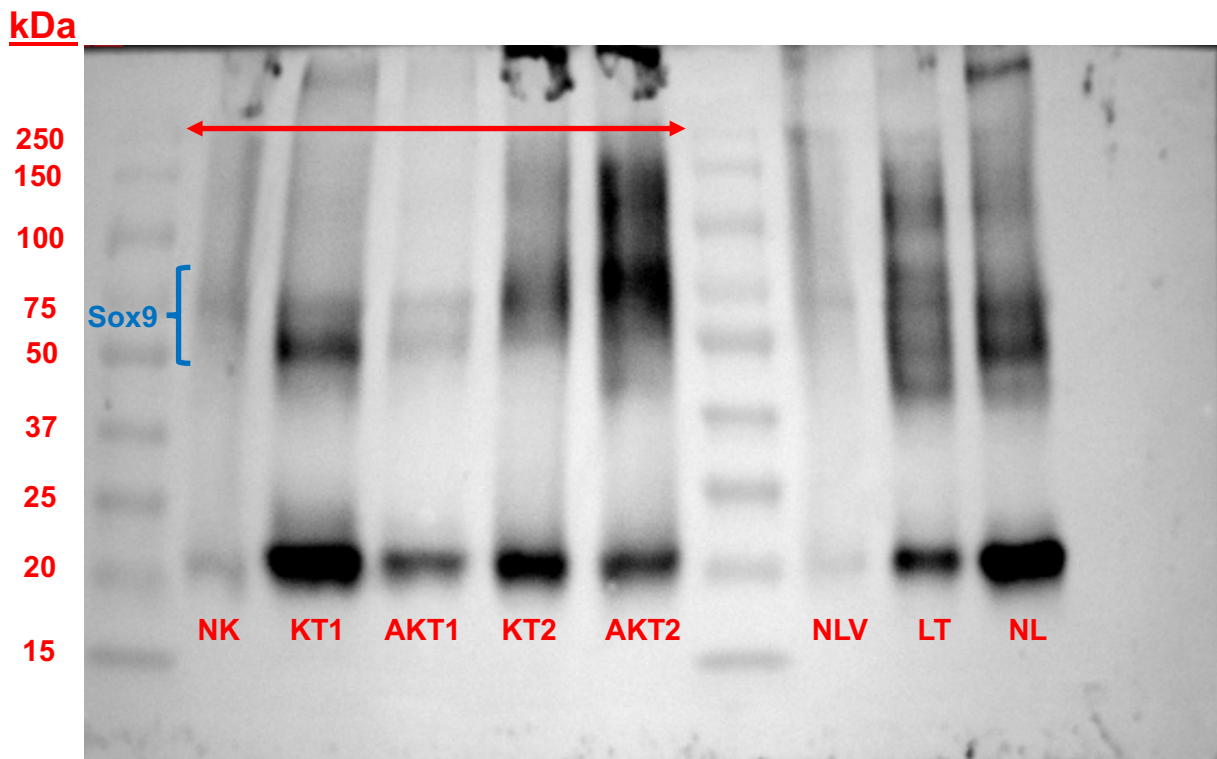


Figure F: Unedited gel of **SRY-Box Transcription Factor 9 (Sox9)** expression for **Figure 3N** with the corresponding ladder. The red arrow spans the bands used in the manuscript. (Mol. Wt. = 56kDa). NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor; NLV = Normal Liver; LT = Liver Tumor; NL = Normal Lung

kDa

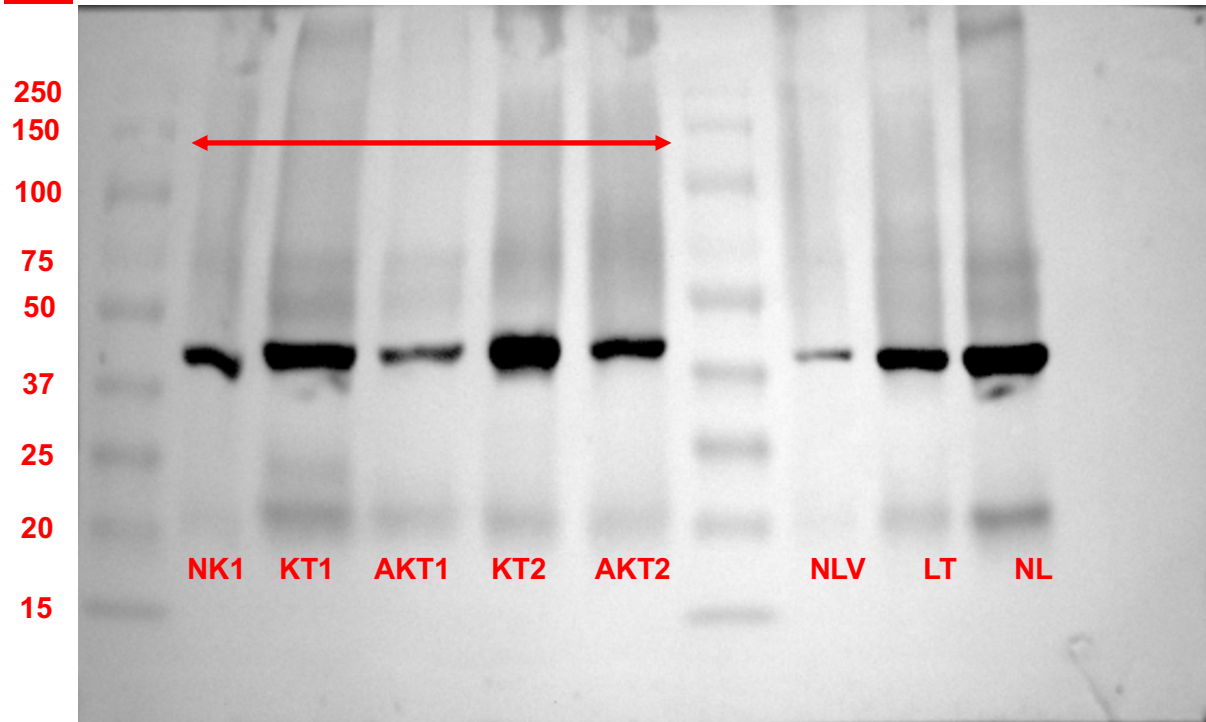


Figure G: Unedited gel of **beta-actin** expression for **SRY-Box Transcription Factor 9 (Sox9)** for **Figure 3N** with the corresponding ladder. The red arrow spans the bands used in the manuscript. Mol. Wt. = 42kDa. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor; NLV = Normal Liver; LT = Liver Tumor; NL = Normal Lung

kDa

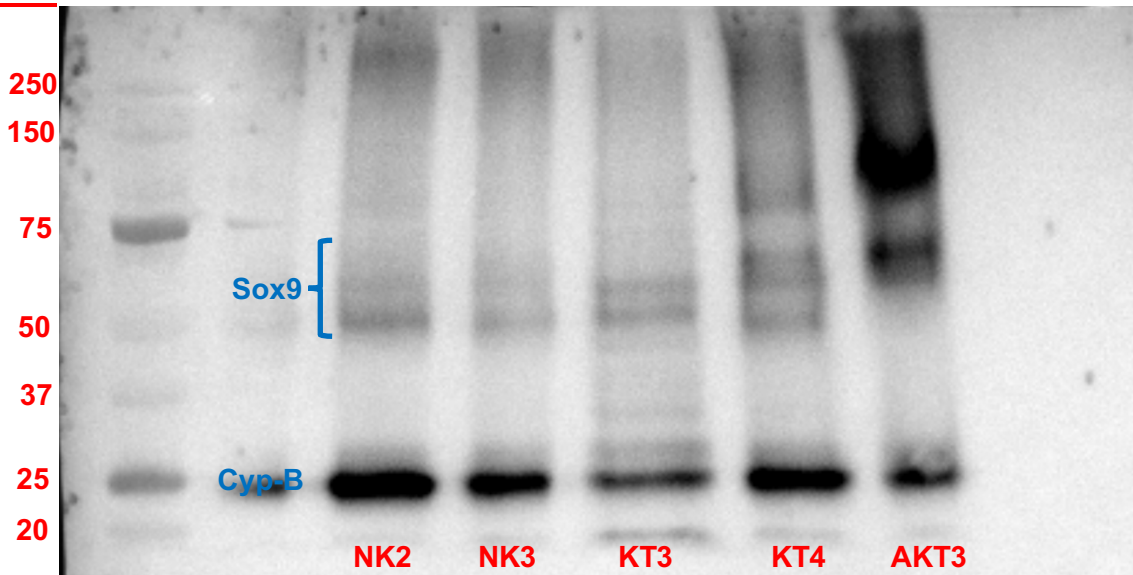


Figure H Unedited gel of **SRY-Box Transcription Factor 9 (Sox9)** (Mol. Wt. = 56kDa) and cyclophilin-B (**Cyp-B**) (Mol. Wt. = 24kDa) expression for **Figure 3N** with the corresponding ladder. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor.

kDa

250
150
100
75
50
37
25
20

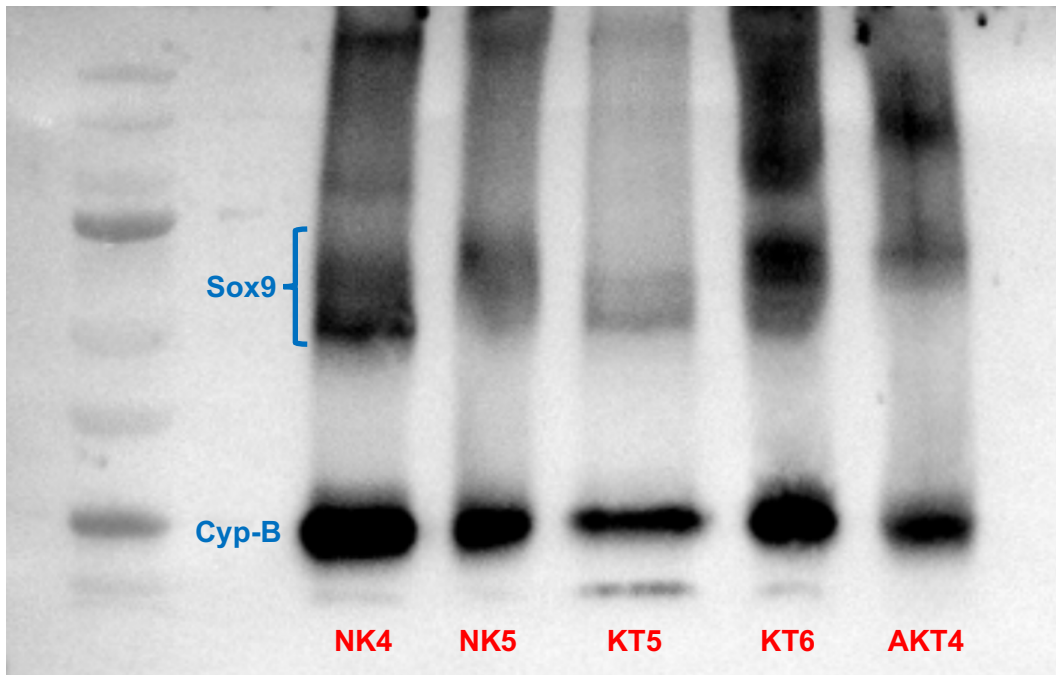


Figure I: Unedited gel of **SRY-Box Transcription Factor 9 (Sox9)** (Mol. Wt. = 56kDa) and cyclophilin-B (**Cyp-B**) (Mol. Wt. = 24kDa) expression for **Figure 3N** with the corresponding ladder. NK = Normal Kidney; KT = Kidney Tumor; AKT = Adjacent to Kidney Tumor.

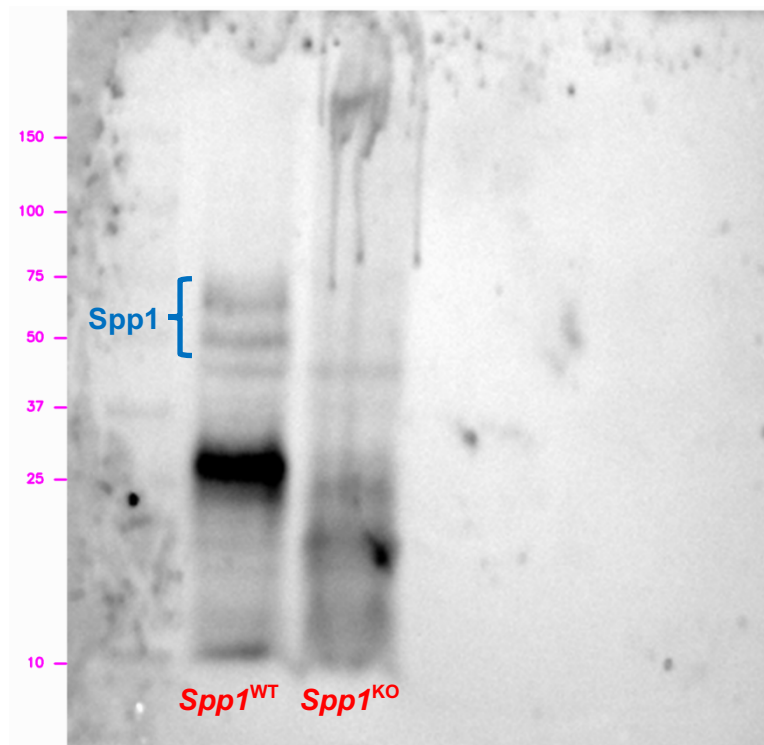


Figure J: Unedited gel of **Osteopontin (Spp1)** (Mol. Wt. = 58-75kDa) expression in lysates of wildtype (WT) and *Spp1*-knockout (KO) mouse cranial neural crest cells (NCCs) for **Figure 11C** with the corresponding ladder.

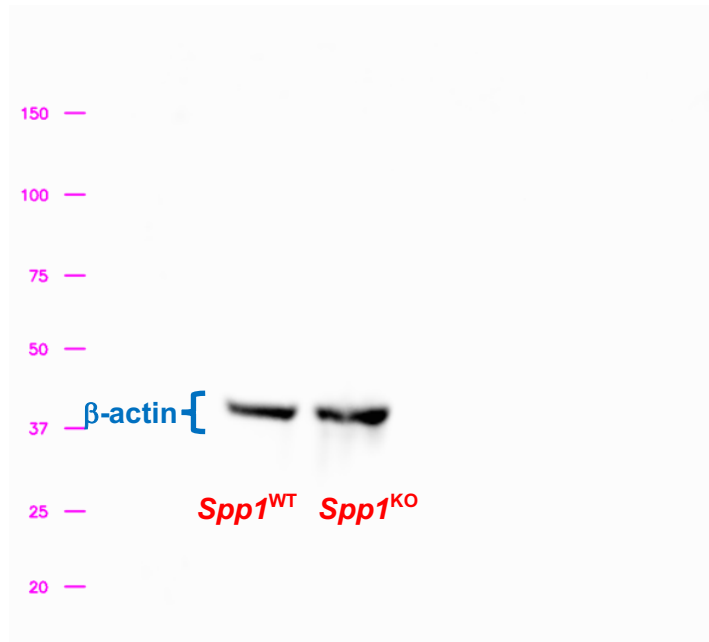


Figure K: Unedited gel of **beta-actin** expression for **Osteopontin (Spp1)** in lysates of wildtype (WT) and *Spp1*-knockout (KO) mouse cranial neural crest cells (NCCs) for **Figure 11C** with the corresponding ladder. Mol. Wt. = 42kDa.

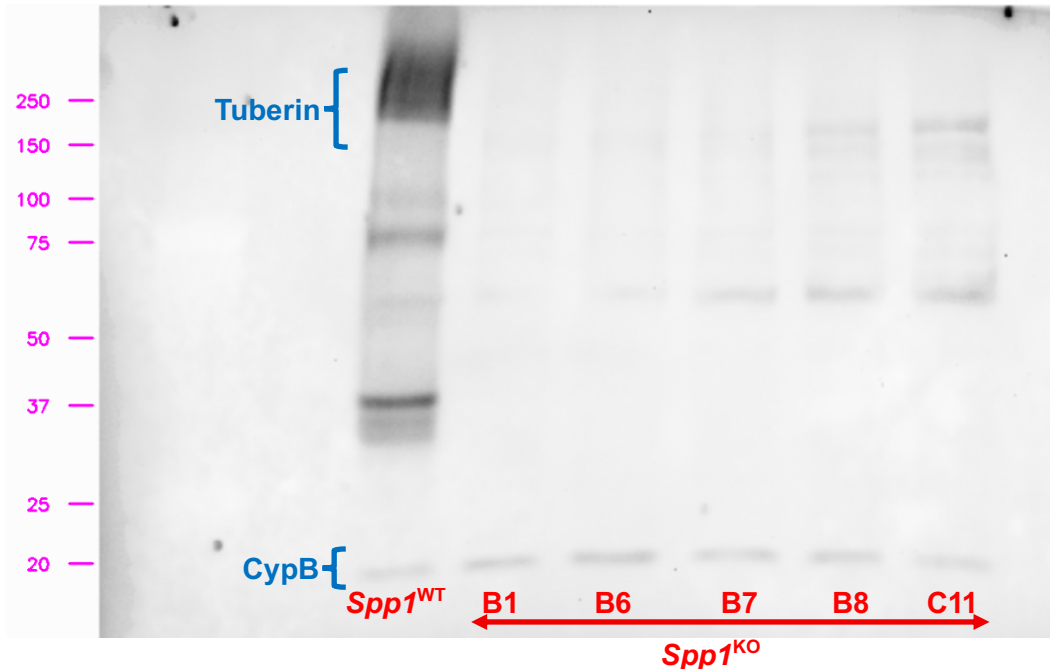


Figure L: Unedited gel of **Tuberin (Tsc2)** (Mol. Wt. = 200kDa) and **cyclophilin-B (Cyp-B)** (Mol. Wt. = 24kDa) expression in lysates of wild-type (WT) and *Tsc2*-knockout (KO) clones B1, of mouse cranial neural crest cell (NCC) for **Figure 11H**, with the corresponding ladder.