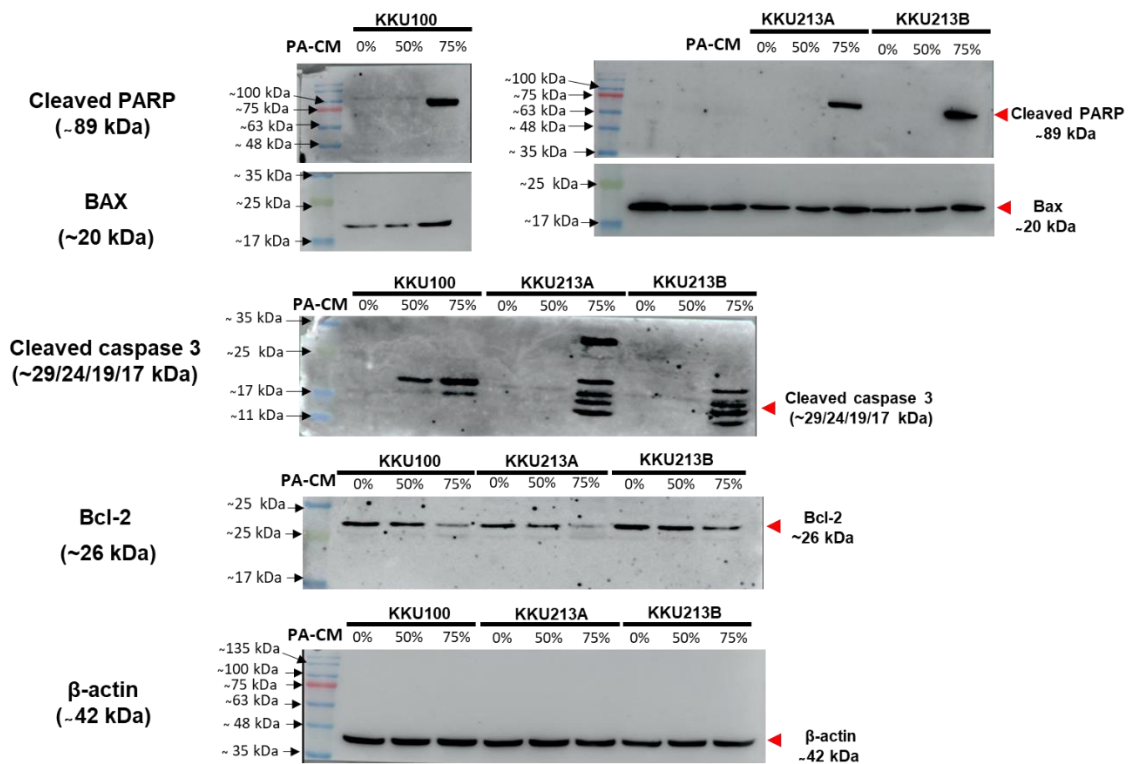
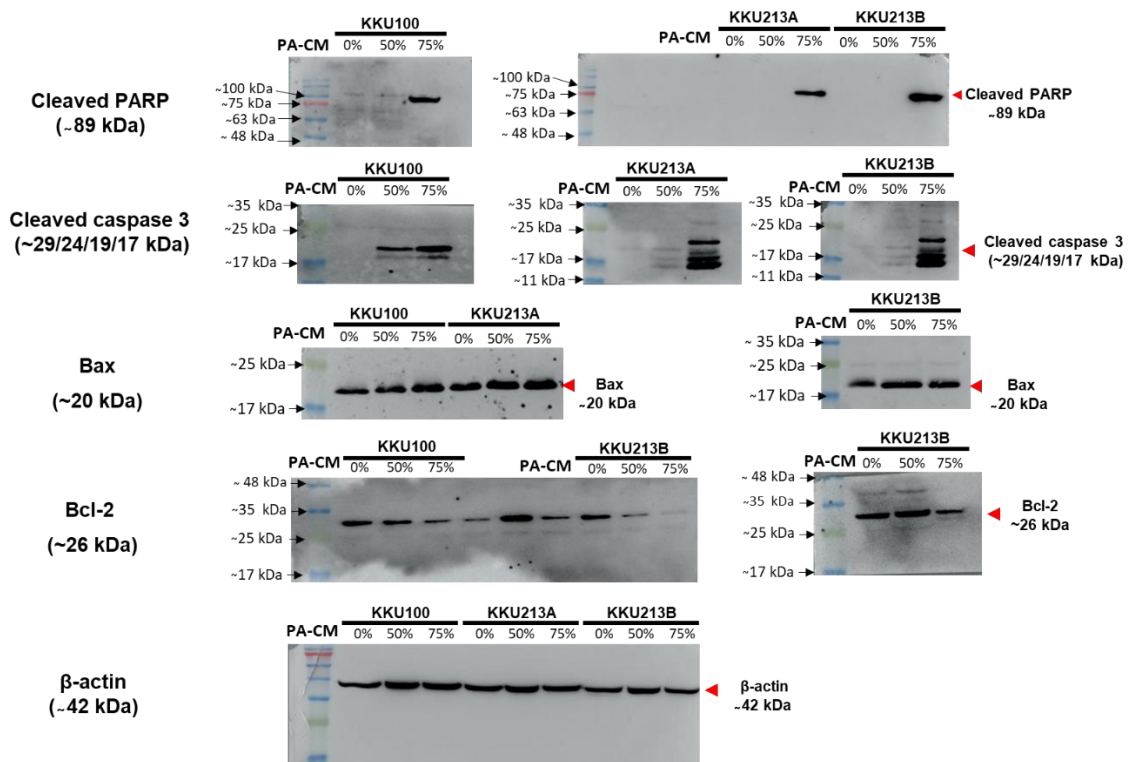


Supplementary data

Repeat 1



Repeat 2



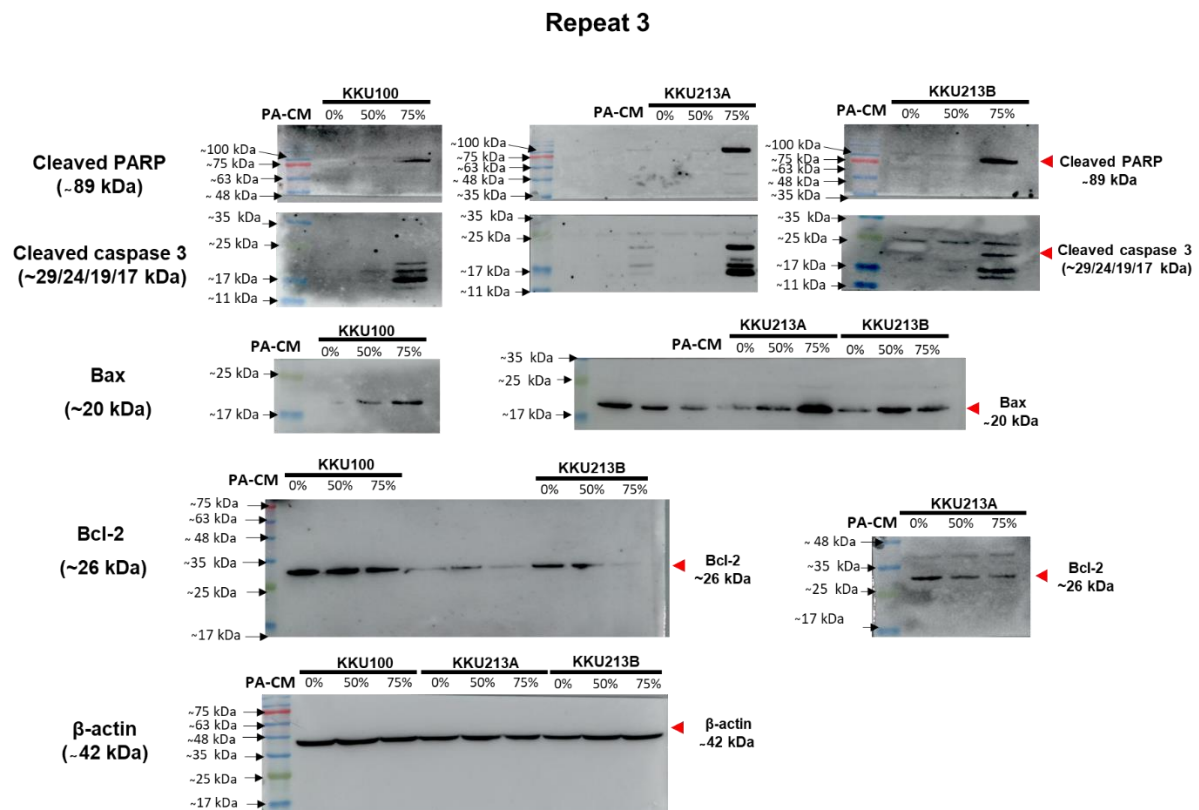


Figure S1. Full-length blots for Figure 4B. Three repeats of the immunoblotting for Cleaved PARP (89 kDa), β-actin (42 kDa), Cleaved caspase 3 (29/24/19/17 kDa), Bcl-2 (26 kDa) and Bax (20 kDa).

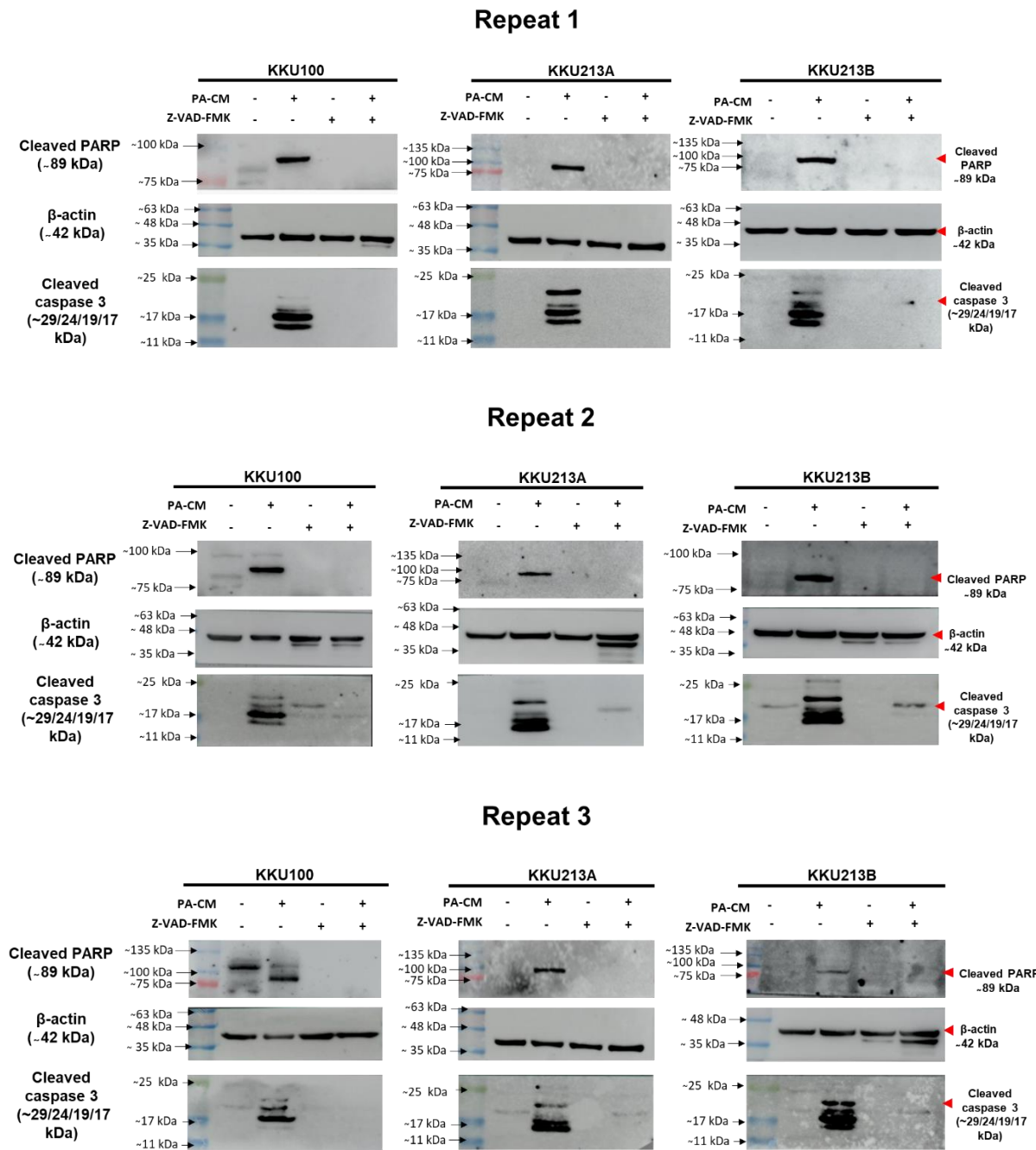
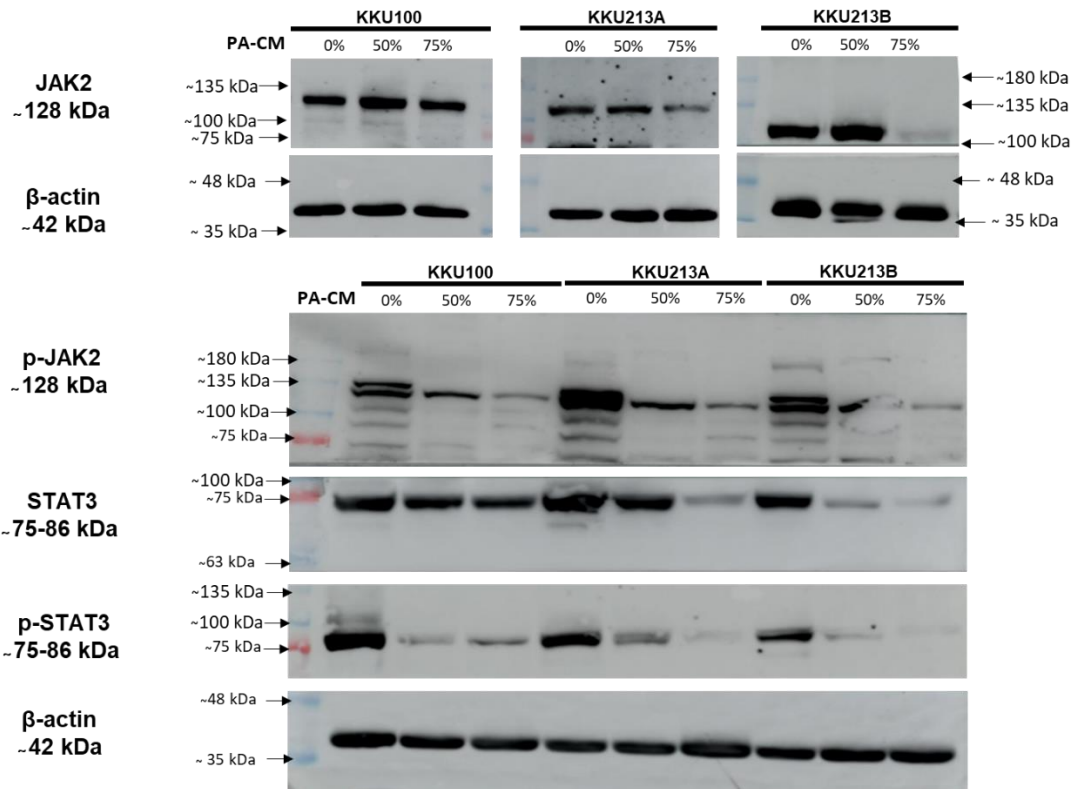
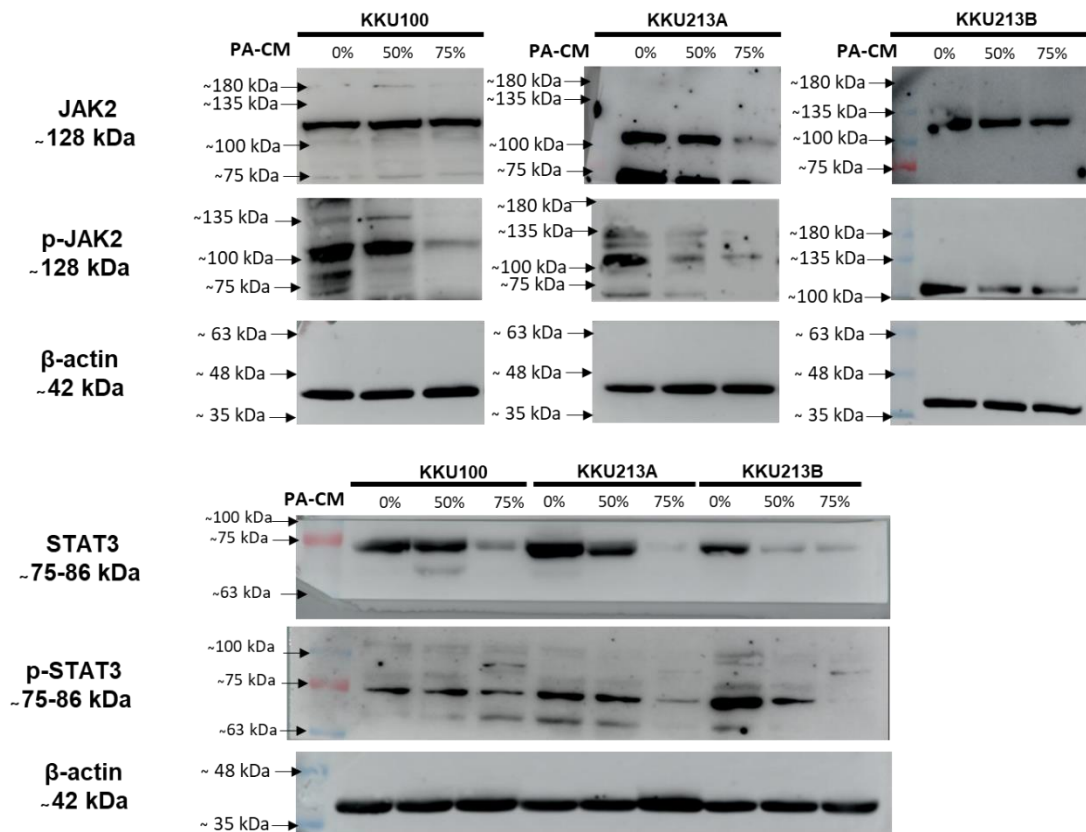


Figure S2. Full-length blots for Figure 4D. Three repeats of the immunoblotting for Cleaved PARP (89 kDa), β-actin (42 kDa) and Cleaved caspase 3 (29/24/19/17 kDa).

Repeat 1



Repeat 2



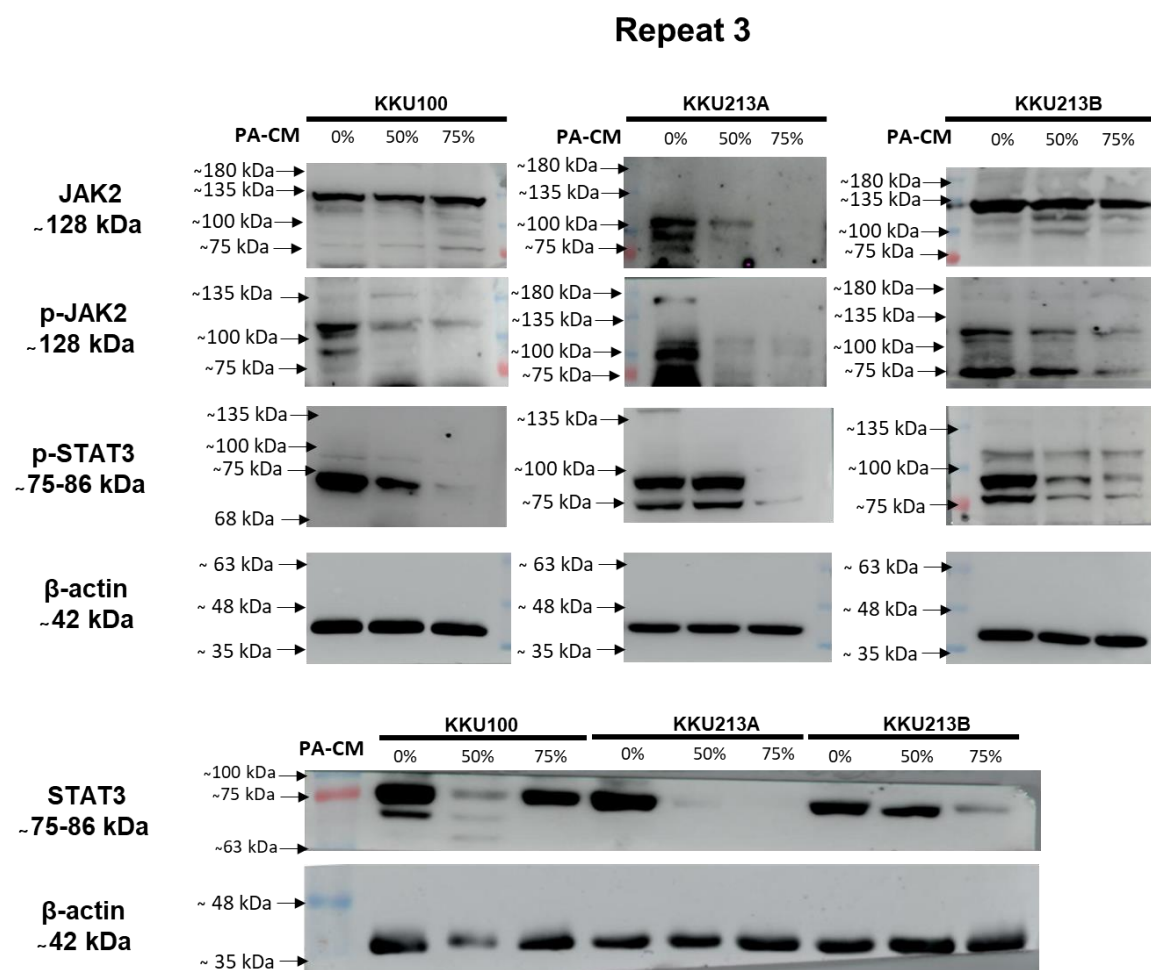


Figure S3. Full-length blots for Figure 5A. Three repeats of the immunoblotting for JAK2 (128 kDa), p-JAK2 (128 kDa), STAT3 (75-86 kDa), p-STAT3 (75-86 kDa) and β-actin (42 kDa).

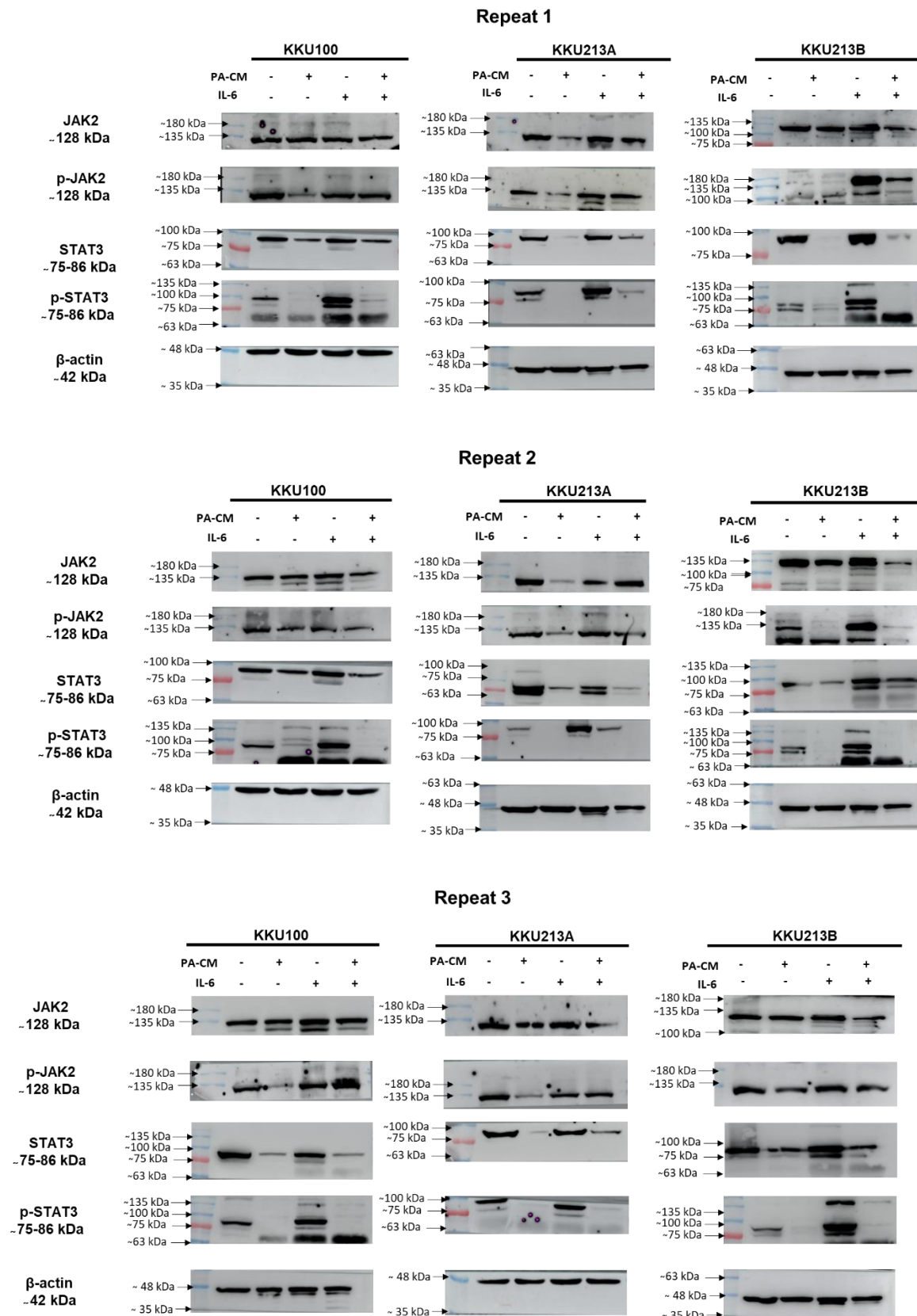


Figure S4. Full-length blots for Figure 5D. Three repeats of the immunoblotting for JAK2 (128 kDa), p-JAK2 (128 kDa), STAT3 (75-86 kDa), p-STAT3 (75-86 kDa) and β-actin (42 kDa).

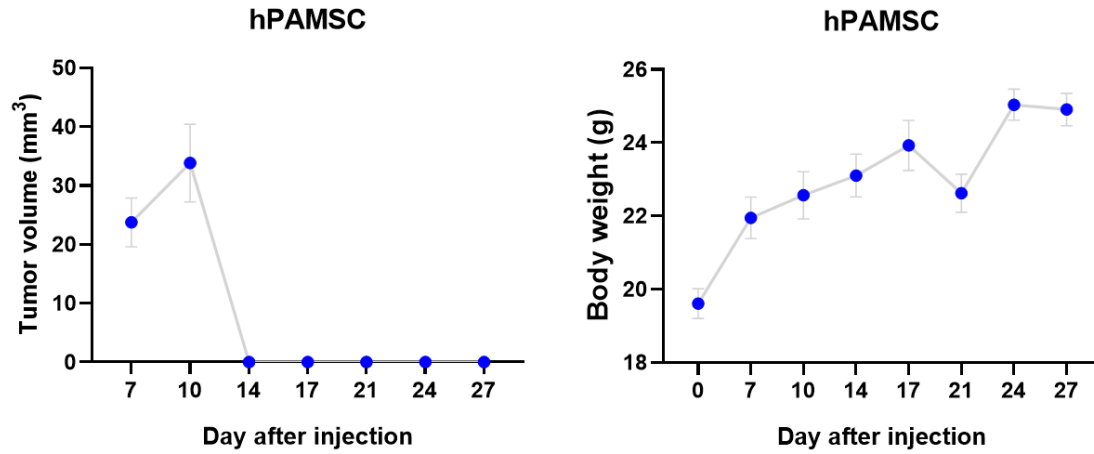


Figure S5. The tumor volume and the average body weight of the transplanted hPAMSC mice. Mice (n=4) were subcutaneously injected with 2×10^6 hPAMSC in 200 μ L of FBS-free medium supplemented with 100 μ L Matrigel. The tumor size was measured with a caliper, and the mice's body weight was monitored every 4 days after the initial injection. Fourteen days after transplantation, the transplanted hPAMSC was undetectable and had no effect on tumor-induced weight loss in these mice.