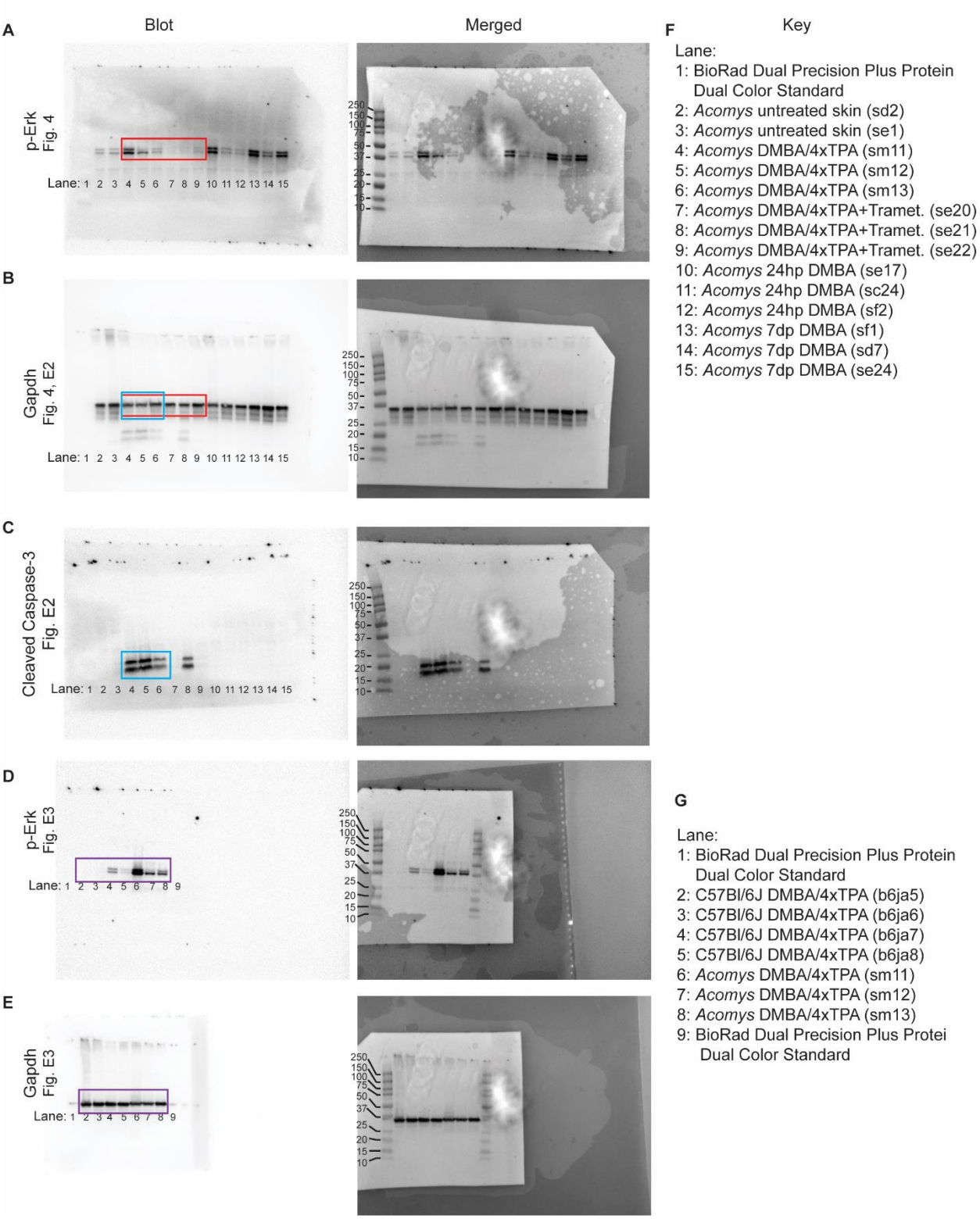
Supplementary Figure 1



Supplementary Figure 1 Legend – Raw Western Blot Data

(A) p-Erk blot used in Figure 4B. Lanes 4-9 selected in red were isolated to generate the final figure. The left-hand blot panel is merged with the molecular weight marker ranging from 10 to 250kDa (labeled). Each lane represents a unique biological sample, as described in **(F)**. **(B)** Gapdh blot used to generate Figure 4B and Extended Data Figure 2B. Lanes 4-9 (selected in red) were isolated for Figure 4B, while lanes 4-6 (selected in blue) were isolated for Extended Data Figure 2B. **(C)** Cleaved Caspase-3 blot used to generate Extended Data Figure 2B. Lanes 4-6 (selected in blue) were isolated for the final figure. After imaging, this blot was stripped and re-probed for Gapdh shown in panel **(B).** The blots shown in **(A-C)** were run simultaneously with equal amounts of protein loaded per sample. Due to the similarities in size between p-Erk and Gapdh, they were run on different gels for the same experiment for accurate quantification. Residual cleaved Caspase-3 bands can be seen after stripping in **(B)**. **(D)** p-Erk blot used to generate Extended Data Figure 3. Lanes 2-8 (selected in purple) were used. Each lane represents a unique biological sample as described in **(G)**. **(E)** Gapdh blot used to generate Extended Data Figure 3. Due to similarities in size of p-Erk and Gapdh and potential for inefficient membrane stripping, Gapdh was probed on a second membrane run simultaneously with that shown in **(D)** with equal amounts of protein loaded per well. **(F)** Lane key for **(A-C)**. The experimental group as well as individual sample identifier is included. **(G)** Lane key for **(D-E)**. The experimental group as well as individual sample identifier is included.