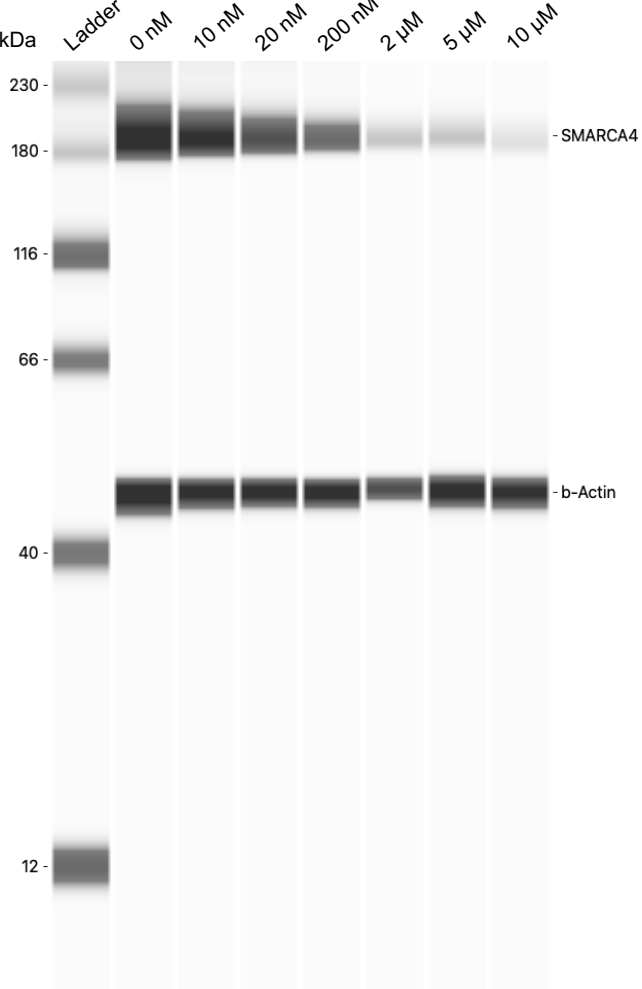
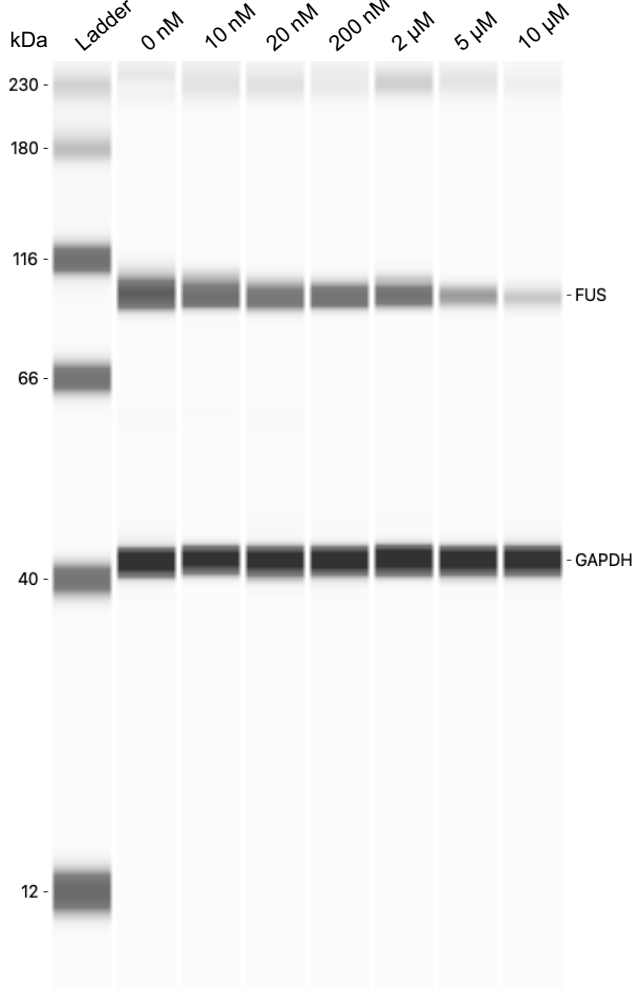


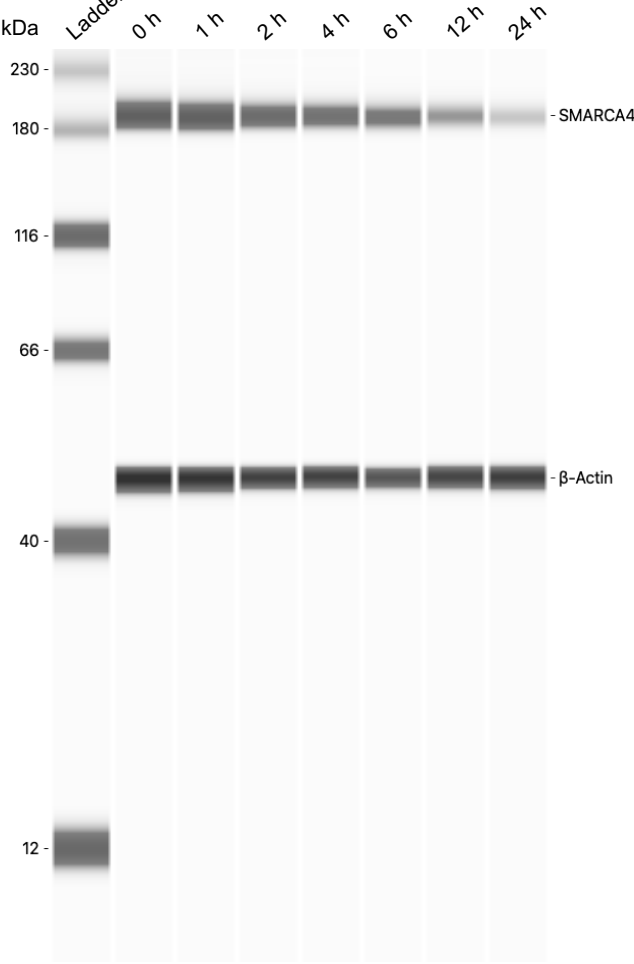
Extended Data Fig. 4a



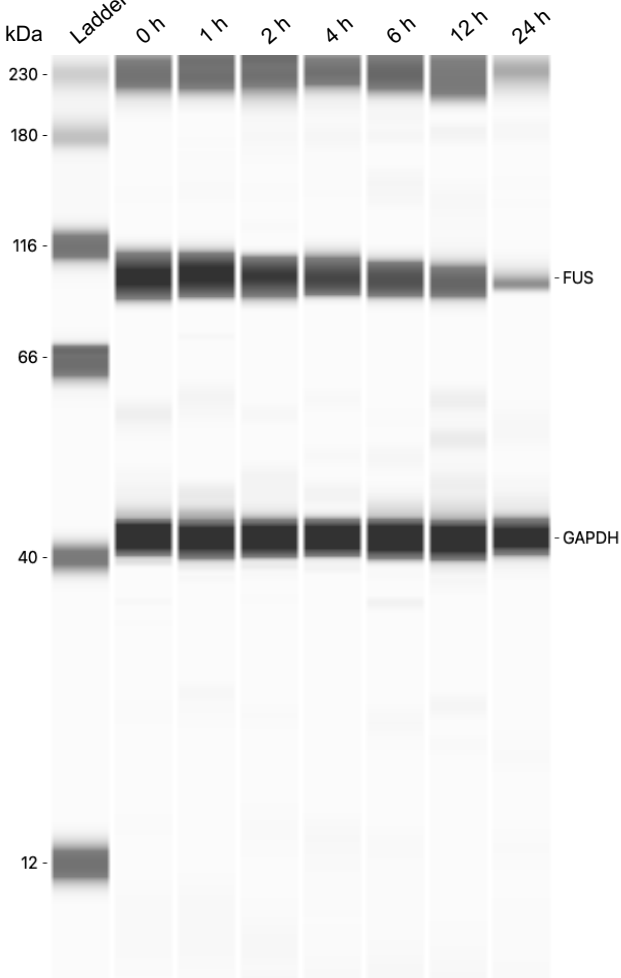
Extended Data Fig. 4b



Extended Data Fig. 4c



Extended Data Fig. 4d

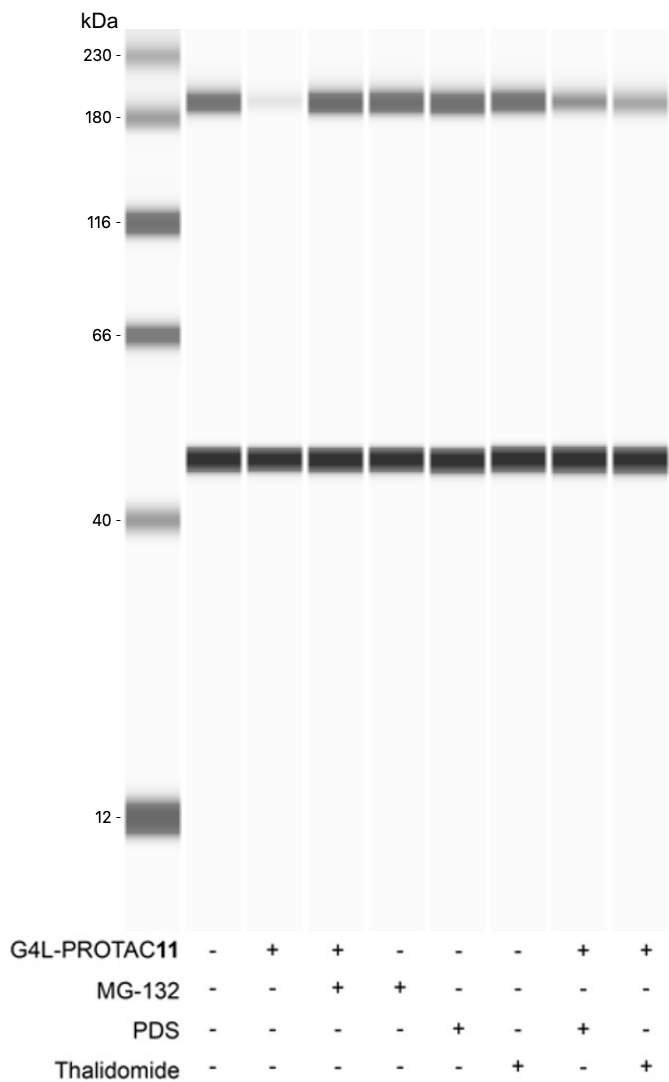


Western blot analysis showing FUS and GAPDH protein levels. The blot includes a molecular weight ladder (kDa) on the left and lanes for 0 nM, 10 nM, 20 nM, 200 nM, 2 μ M, 5 μ M, and 10 μ M of a treatment. FUS protein levels are indicated by a band around 116 kDa, and GAPDH protein levels are indicated by a band around 40 kDa. FUS levels increase with treatment concentration, while GAPDH levels remain constant as a loading control.

Western blot analysis showing SMARCA4 and b-Actin protein levels over time (0 h, 1 h, 2 h, 4 h, 6 h, 12 h, 24 h) after treatment with 100 nM of the indicated compound. The blot includes a Ladder lane for molecular weight markers (230, 180, 116, 66, 40, 12 kDa). SMARCA4 levels are indicated by a black arrowhead, and b-Actin levels are indicated by a black arrow. The SMARCA4 band shows a significant decrease in intensity over time, while the b-Actin band remains relatively constant, serving as a loading control.

Western blot analysis showing FUS and GAPDH protein levels over time (0 h, 1 h, 2 h, 4 h, 6 h, 12 h, 24 h) after treatment with 100 nM TPA. The blot includes a molecular weight ladder (kDa) on the left. FUS protein levels are indicated by a band at approximately 116 kDa, and GAPDH protein levels are indicated by a band at approximately 40 kDa. The intensity of the FUS band increases over time, while the GAPDH band remains relatively constant, serving as a loading control.

Extended Data Fig. 4i



Extended Data Fig. 4j

