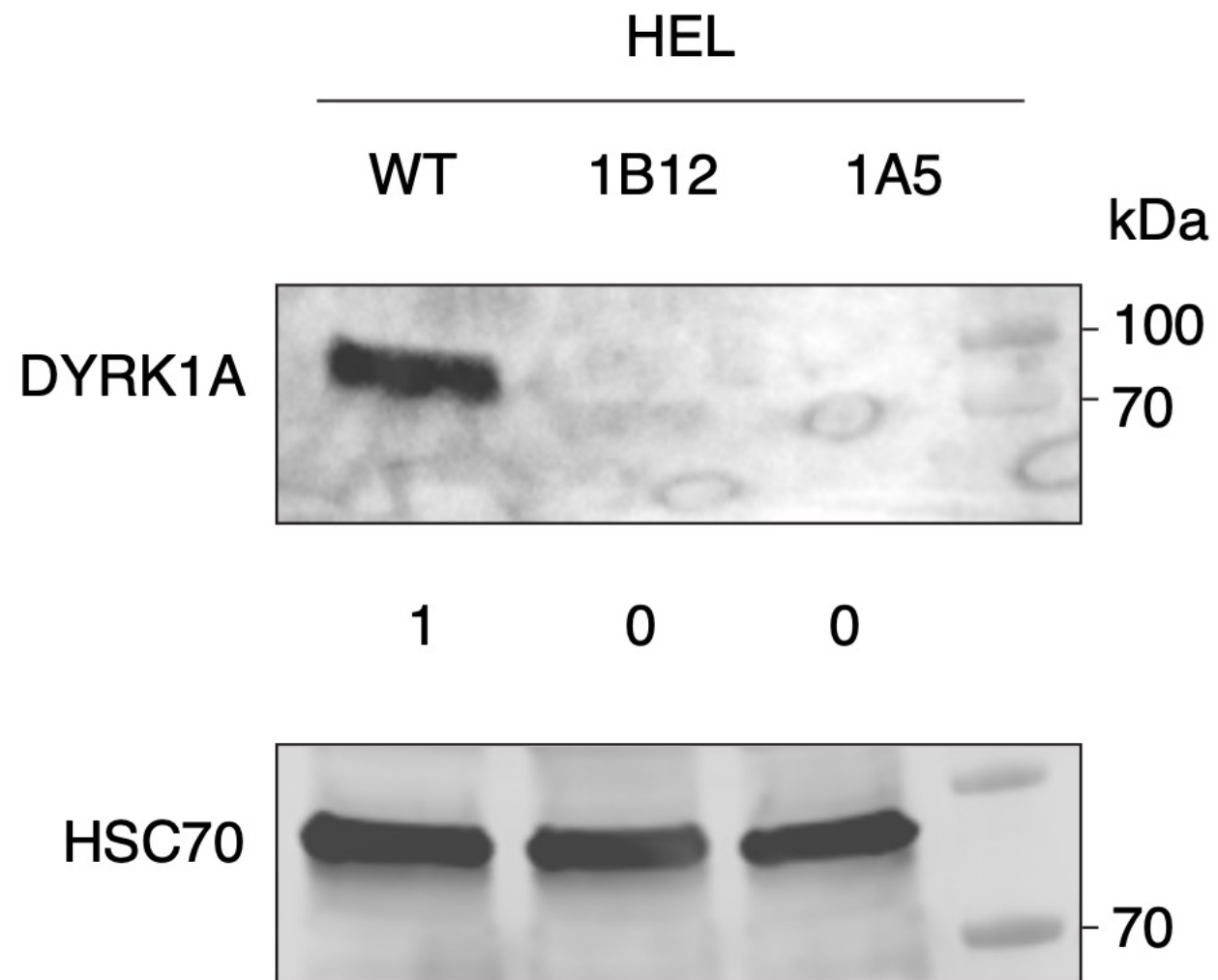
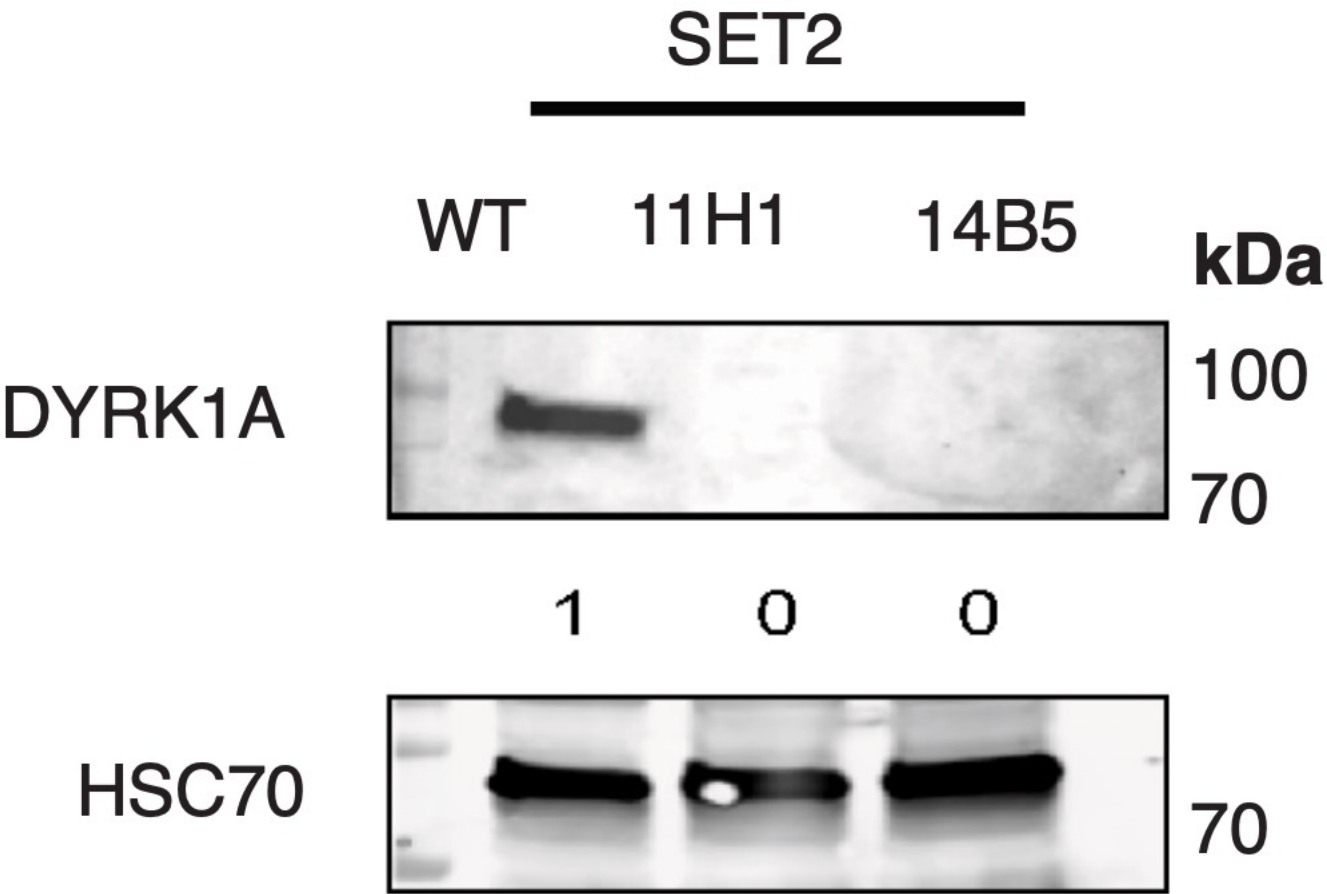


Fig. 5A

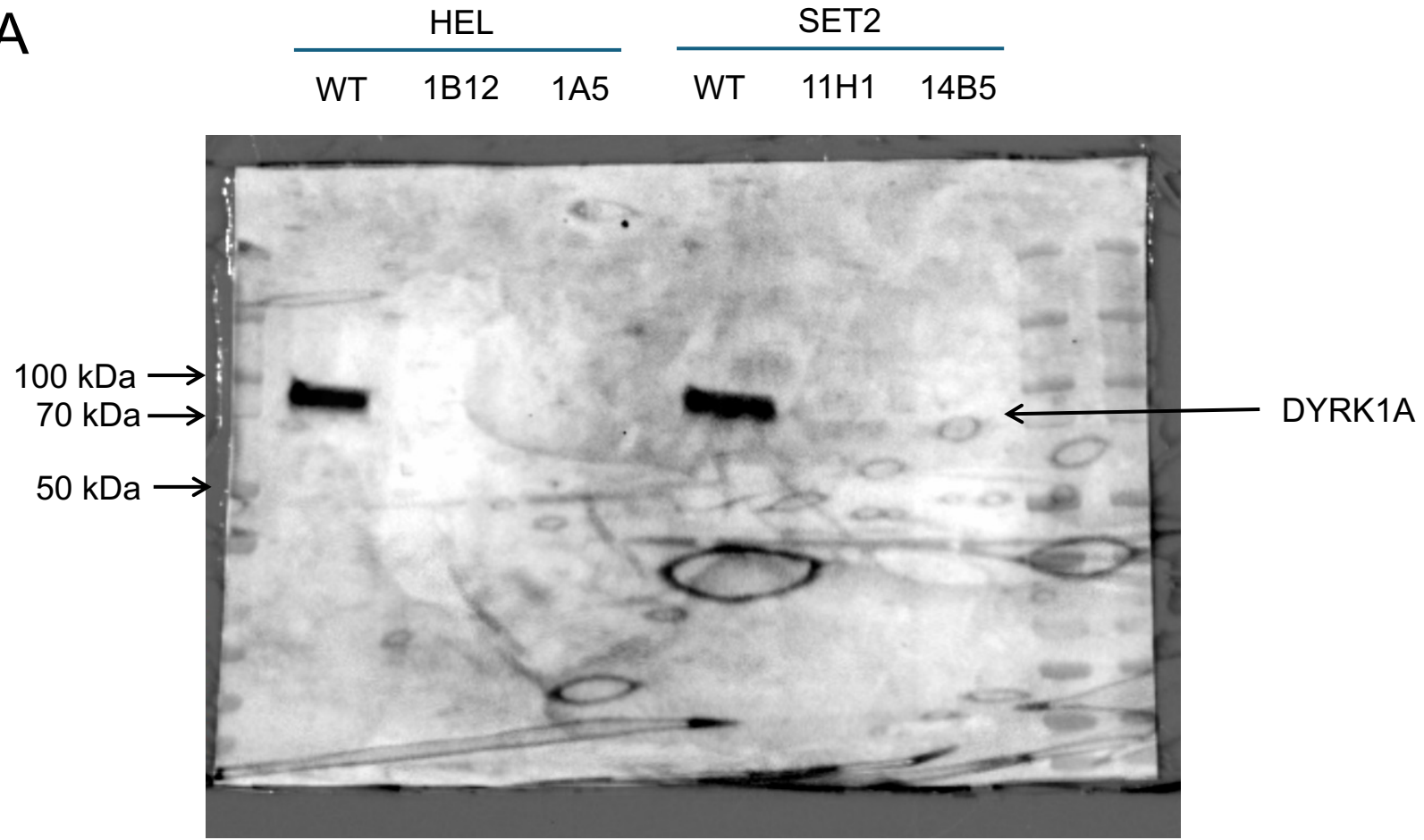


Extended Data Fig 5B



Whole membrane for
Fig. 5A and Extended
Data Fig 5B

Probed for DYRK1A



Whole membrane for
Fig. 5A and Extended
Data Fig 5B

Probed for HSC70
Alexa 790

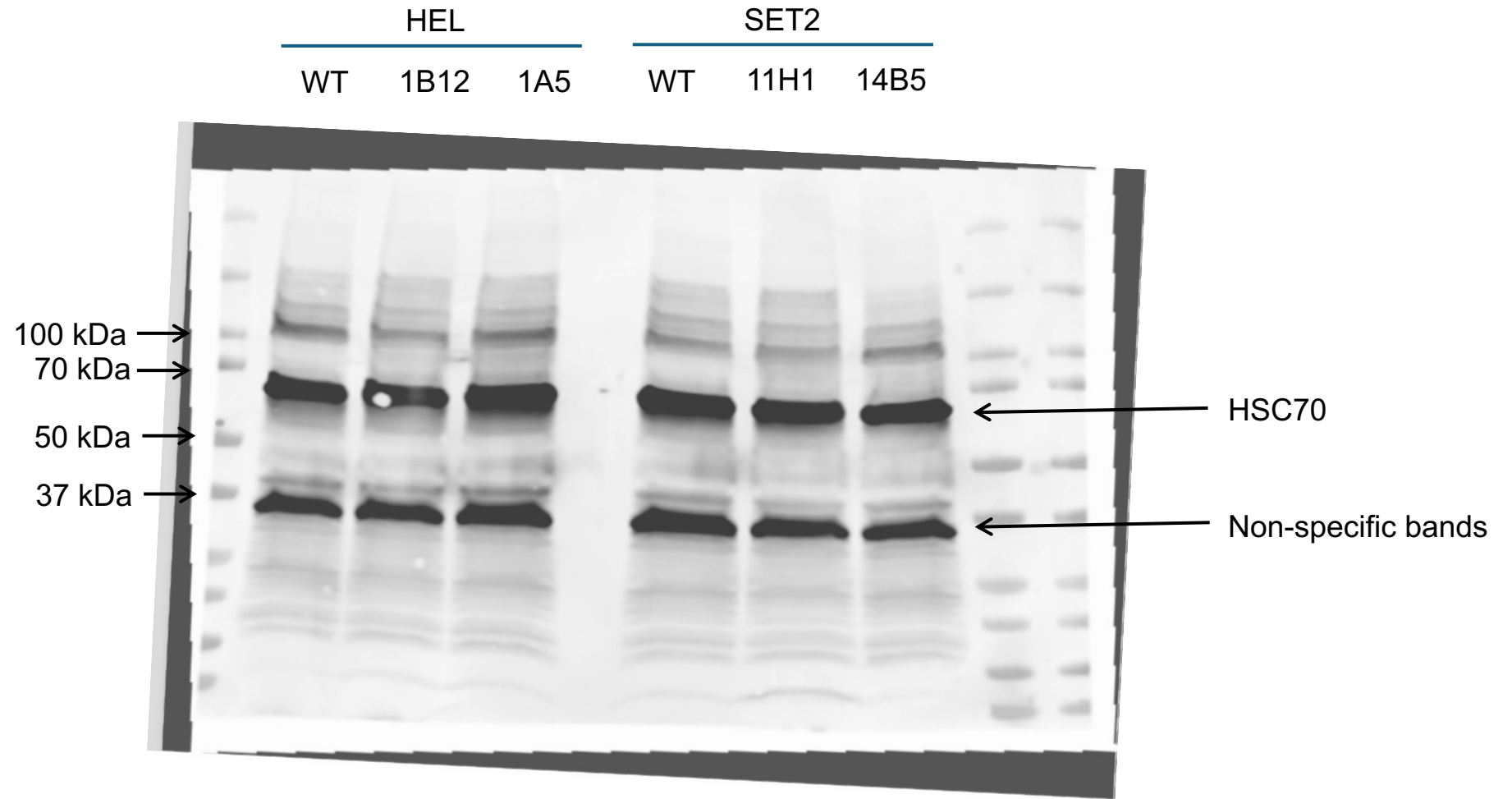
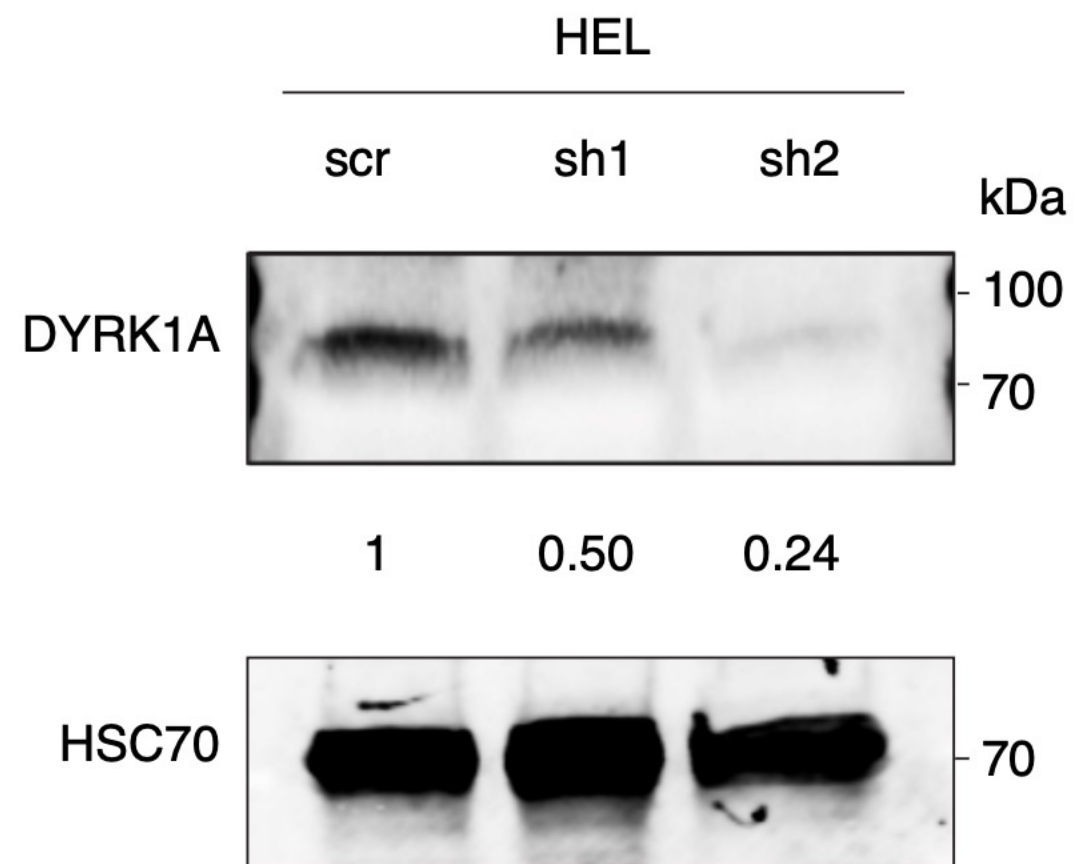
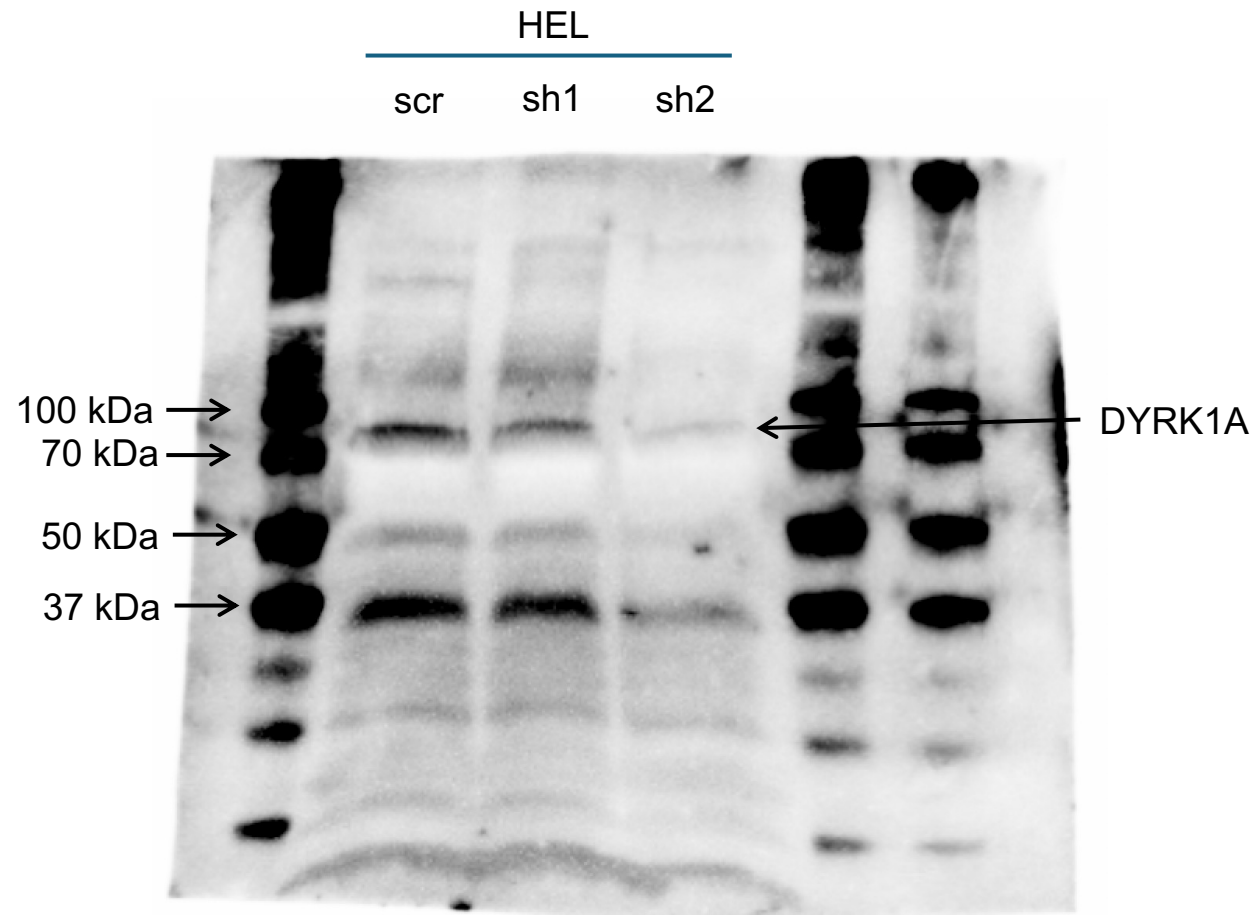


Fig. 5C



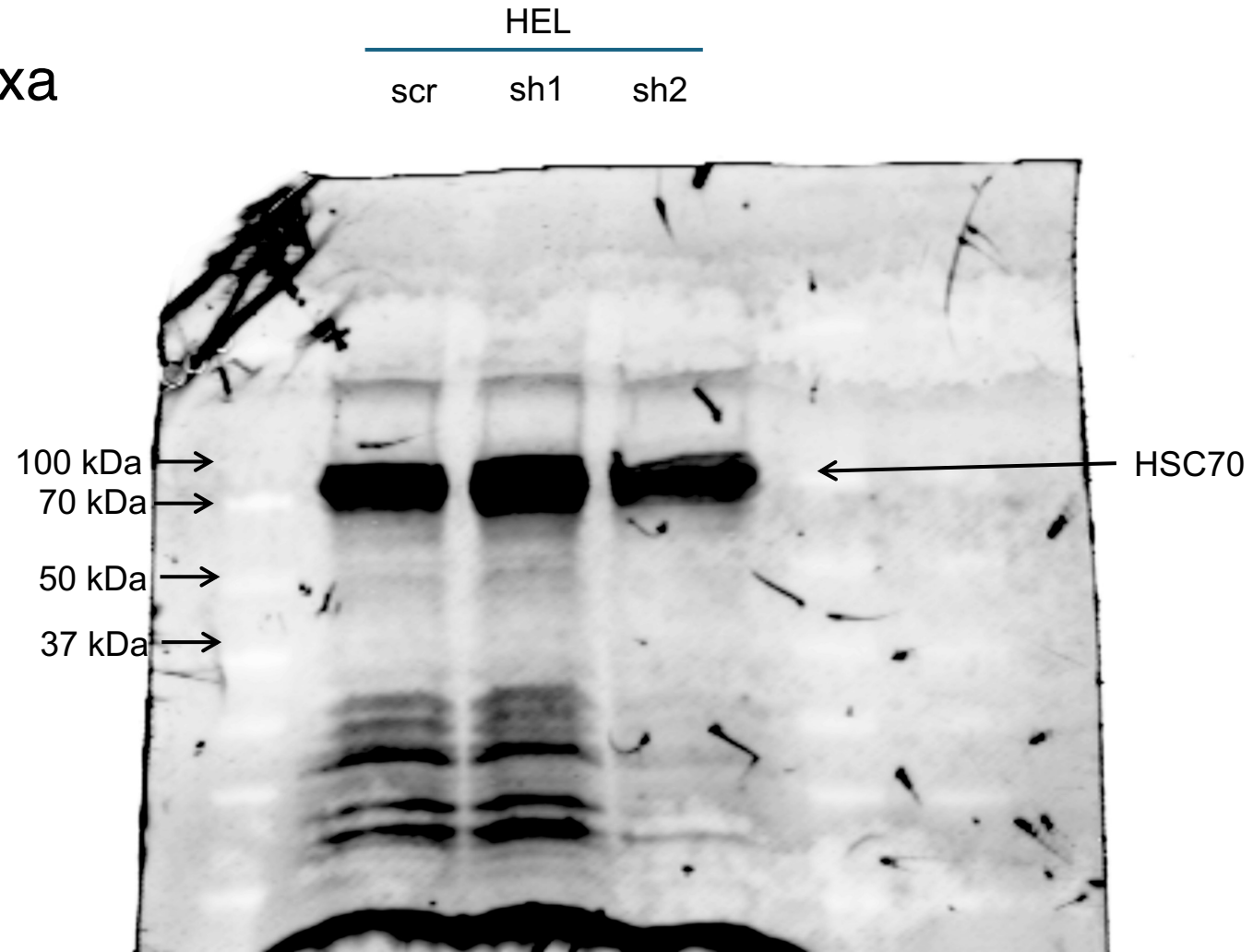
Whole membrane for
Fig. 5C

Probed for DYRK1A

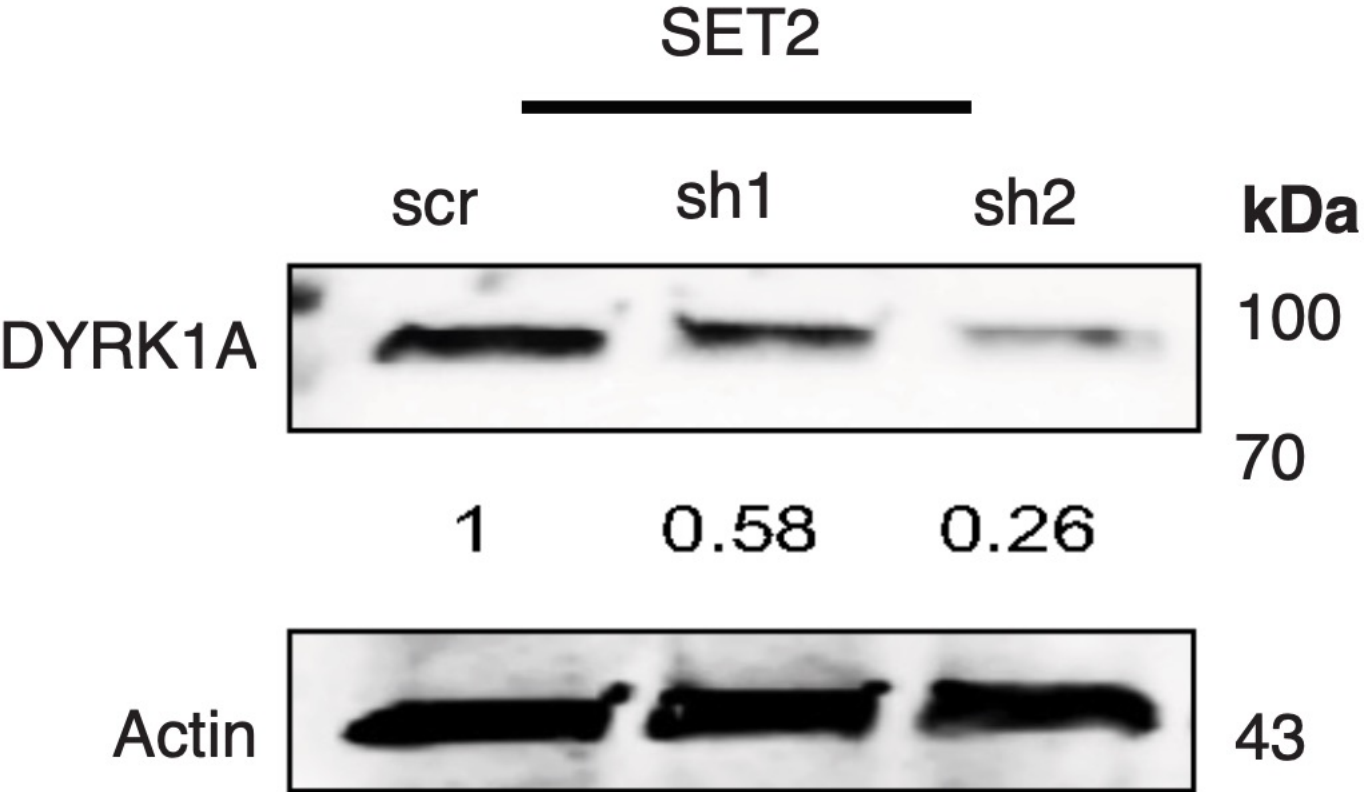


Whole membrane for
Fig. 5C

Probed for HSC70 Alexa
790

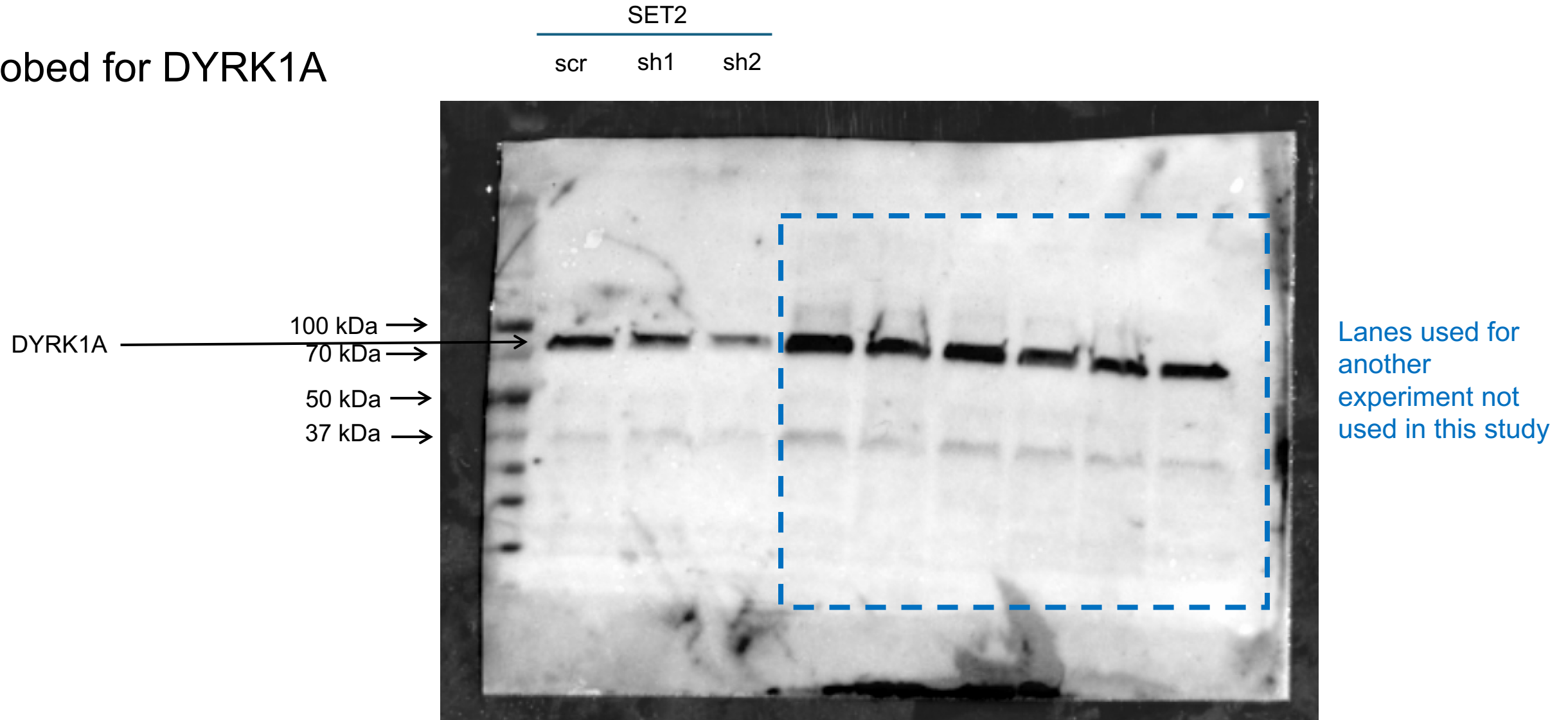


Extended Data Fig 5D



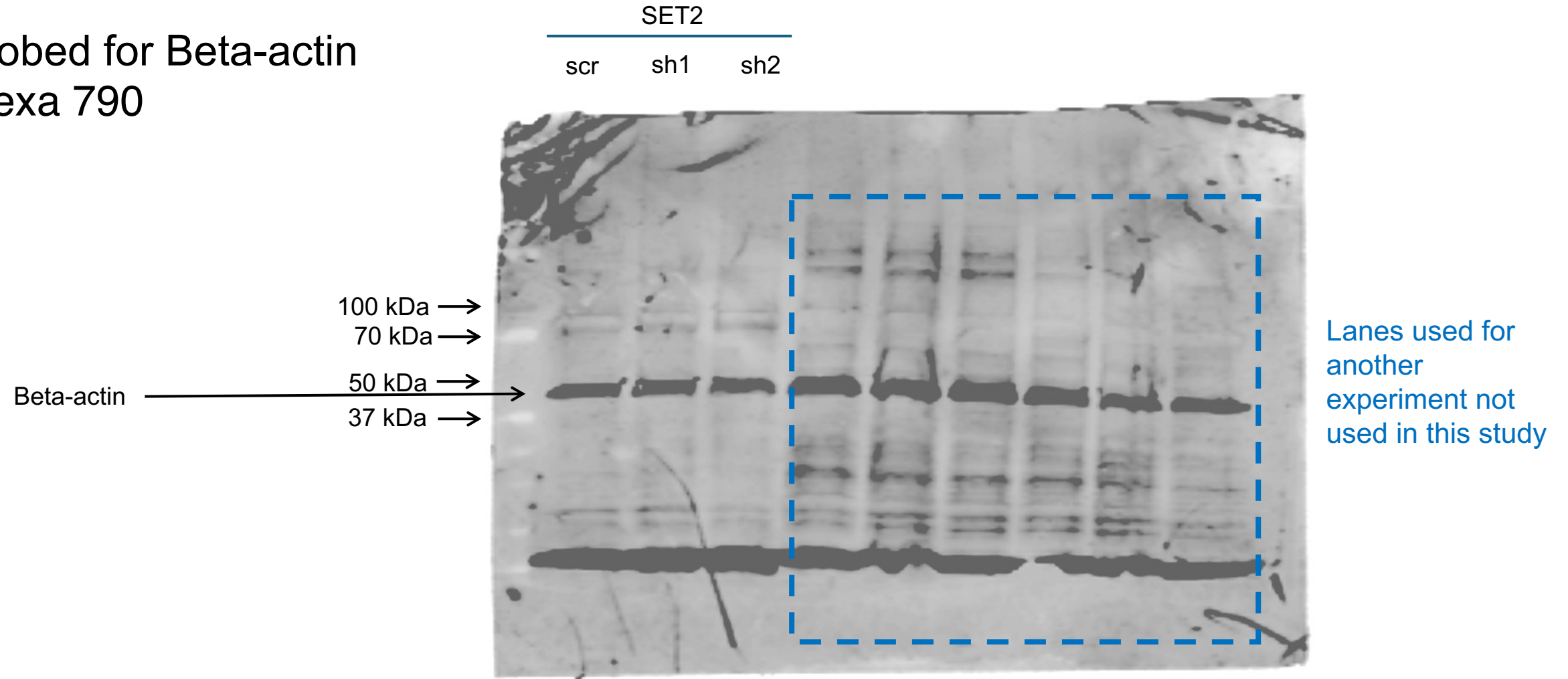
Whole membrane for Extended Data Fig 5D

Probed for DYRK1A

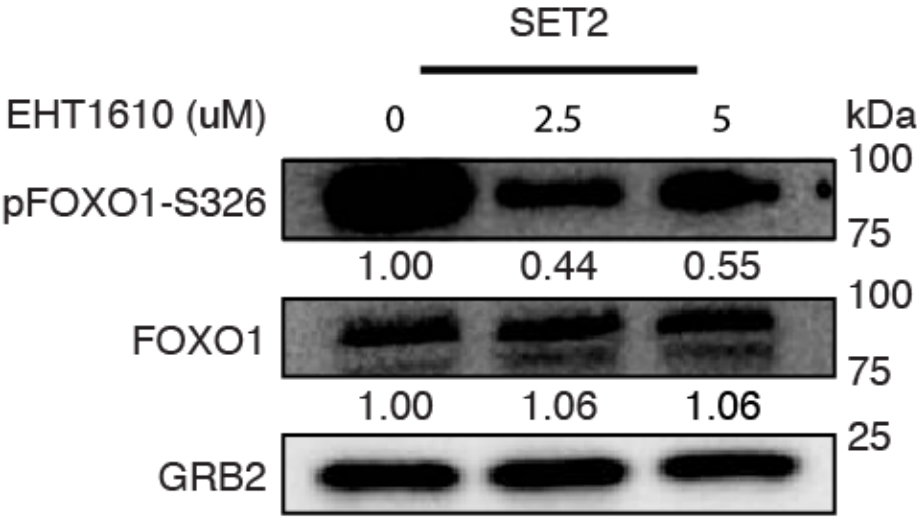
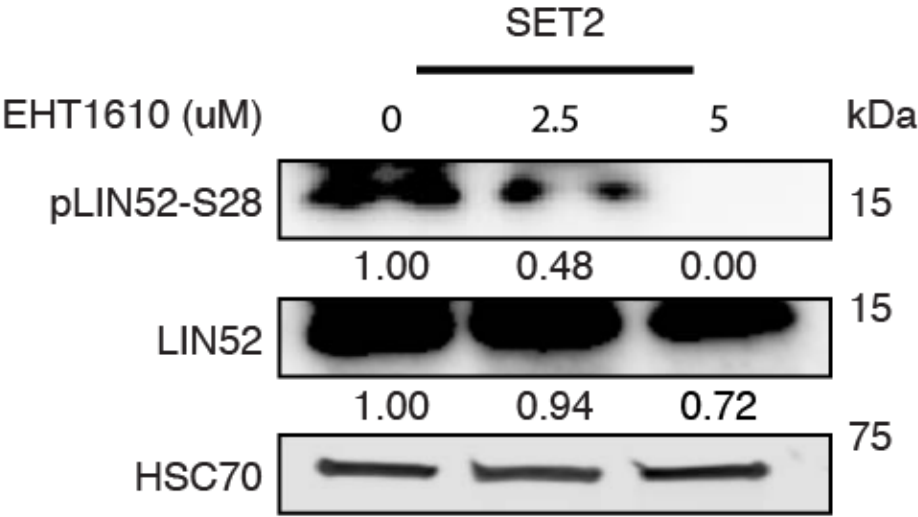


Whole membrane for Extended Data Fig 5D

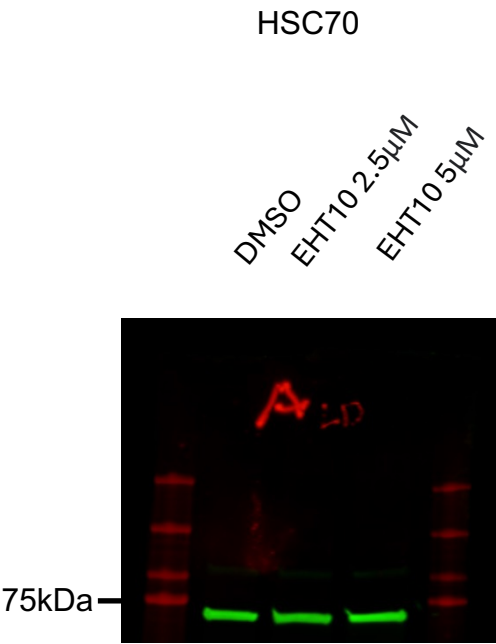
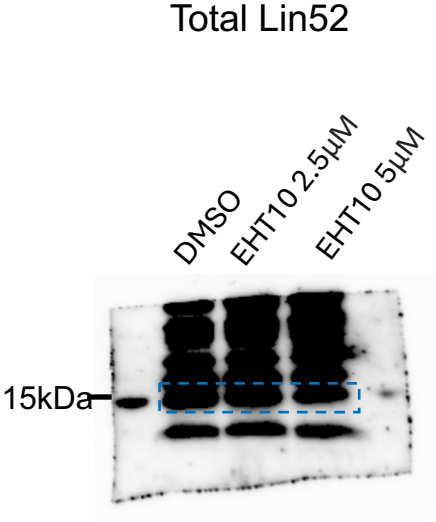
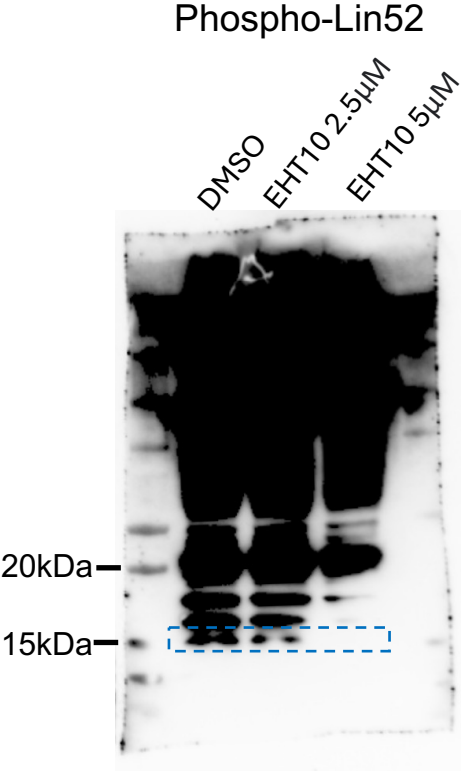
Probed for Beta-actin
Alexa 790



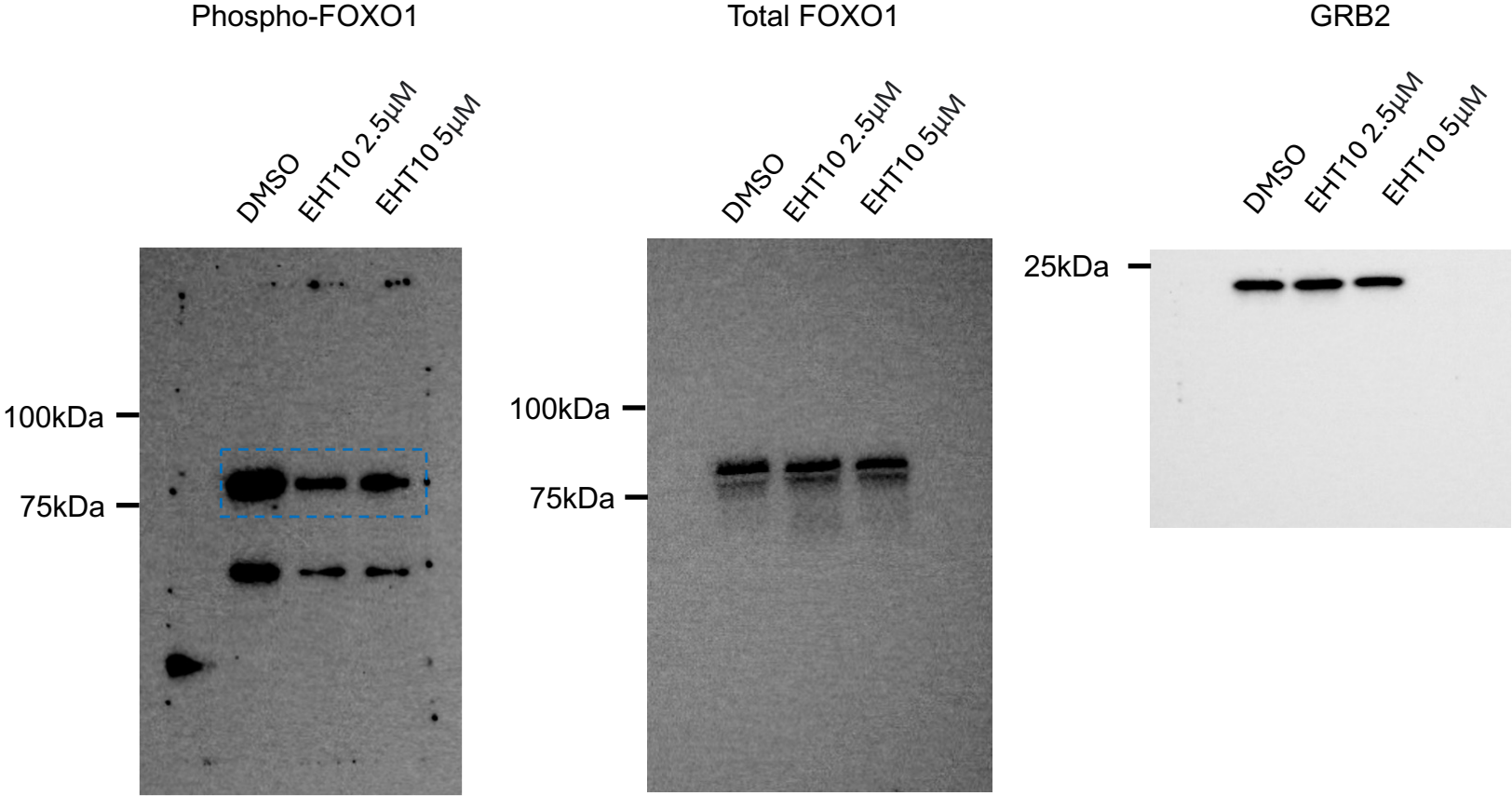
Extended Data Fig 5G



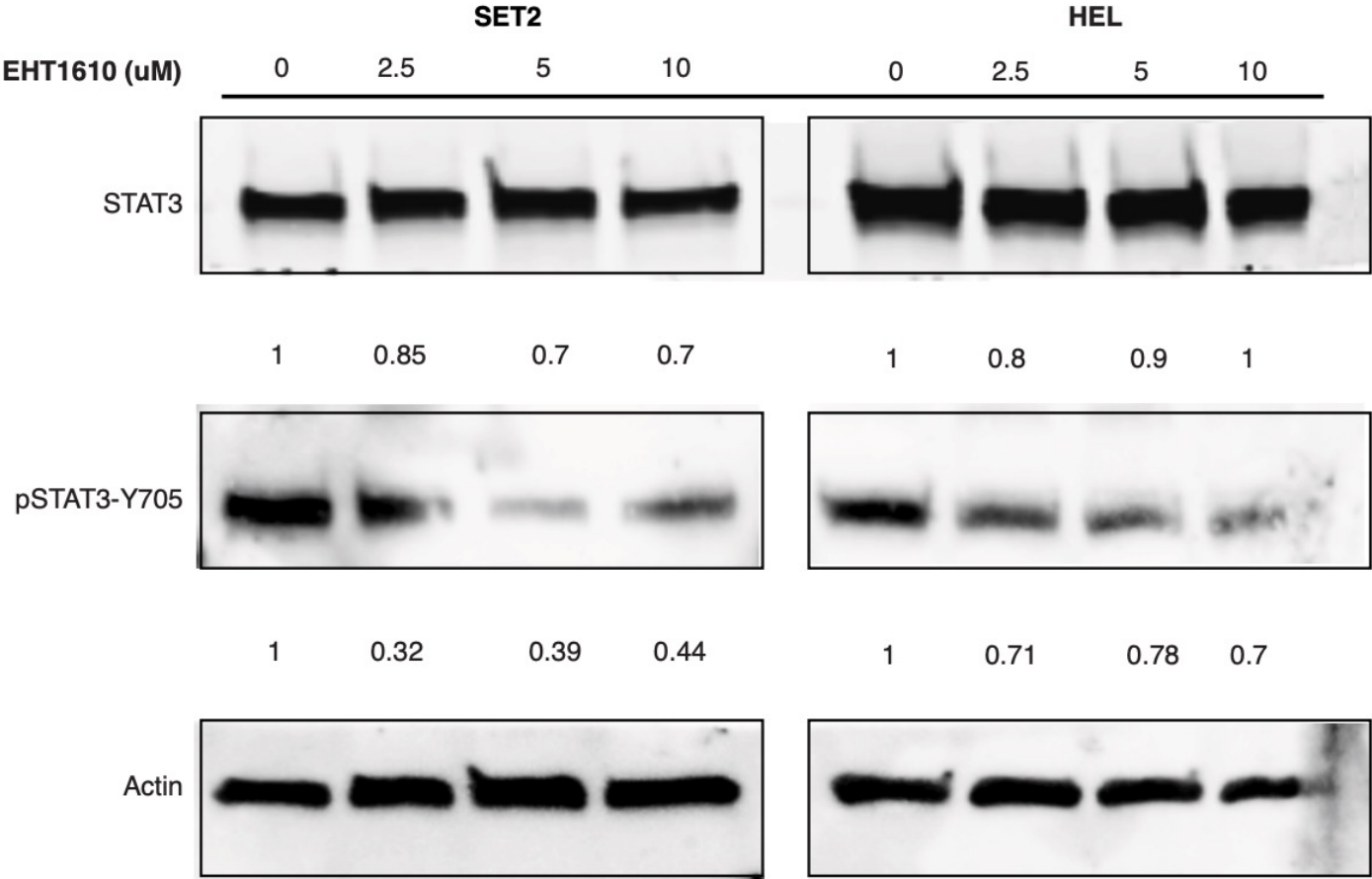
Extended Data Fig 5G



Extended Data Fig 5G

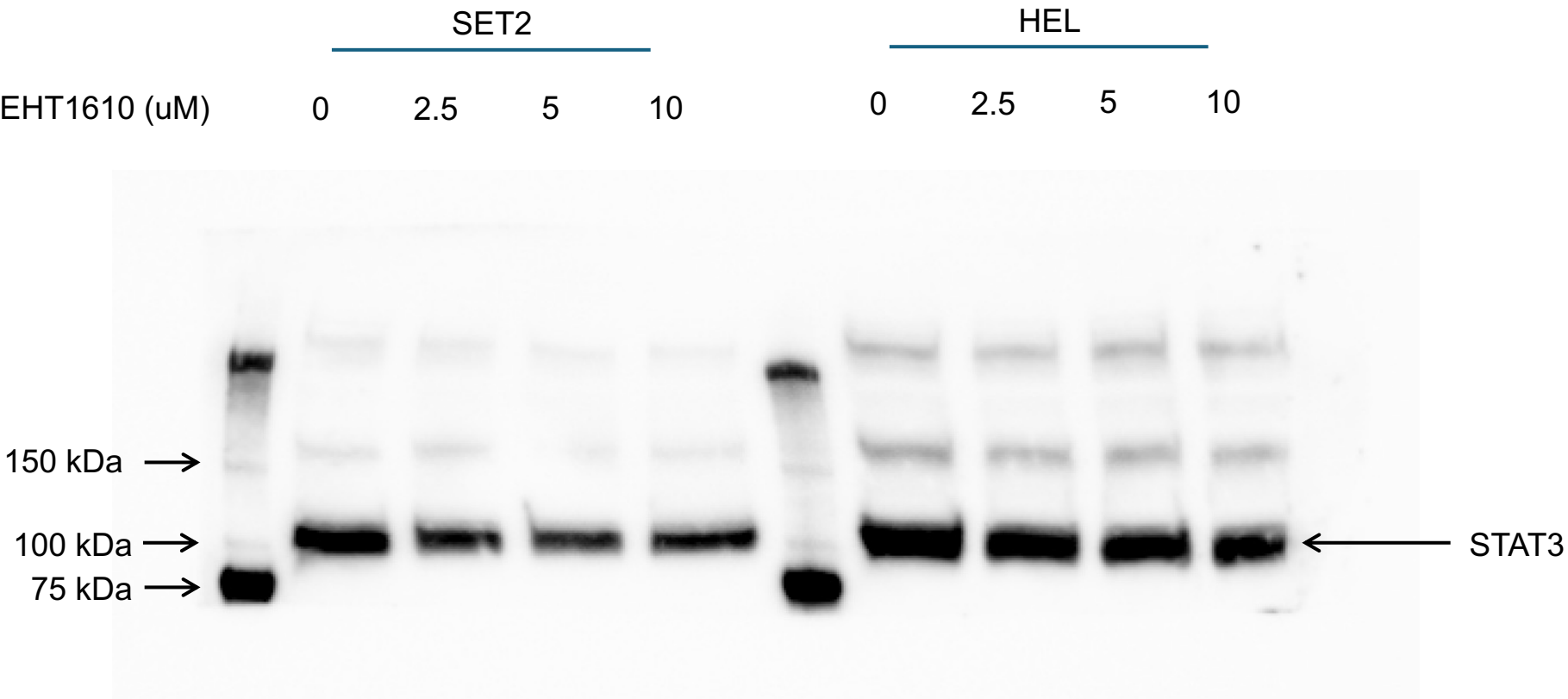


Extended Data Fig 7B



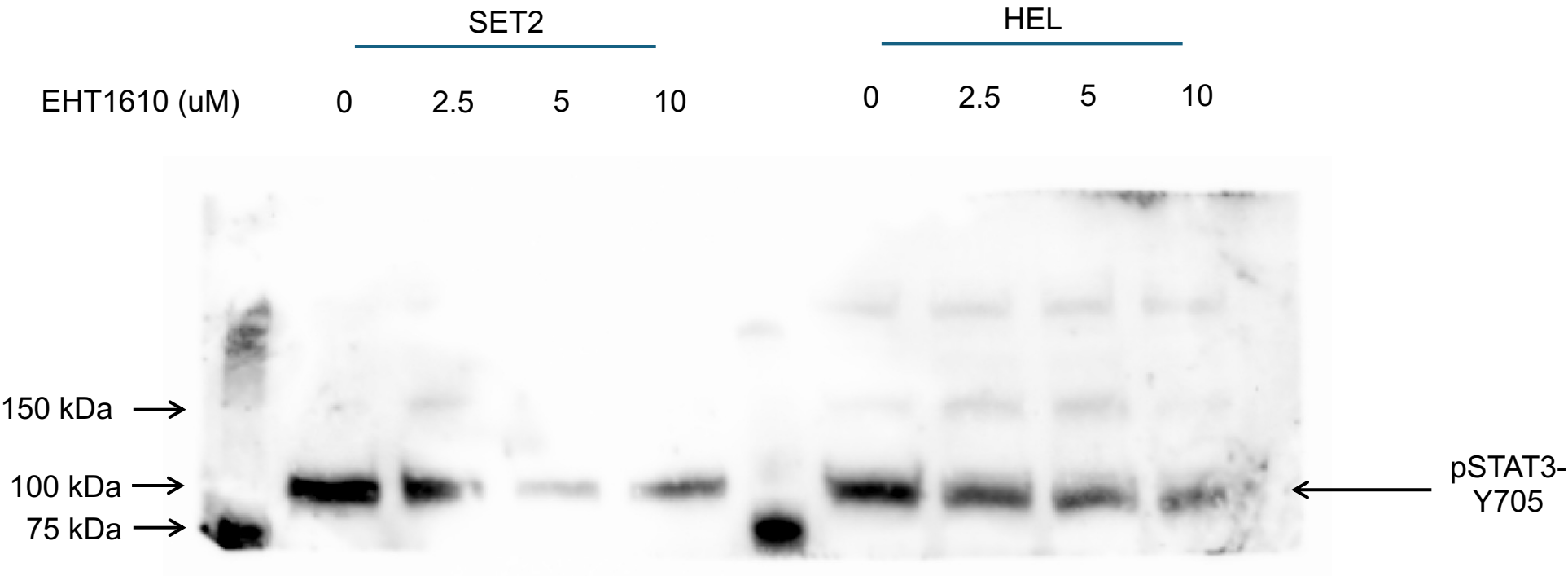
Extended Data Fig 7B

Upper part of the same membrane was probed for total STAT3



Extended Data Fig 7B

Upper part of the same membrane was stripped and then probed for pSTAT3-Y705



Extended Data Fig 7B

Lower part of the same
membrane was probed for
pSTAT3-Y705

