
Supplementary information

CRL4 is a master regulator of D-type cyclins

In the format provided by the
authors and unedited

Figure 1a

p-cyclin D1 (T286)



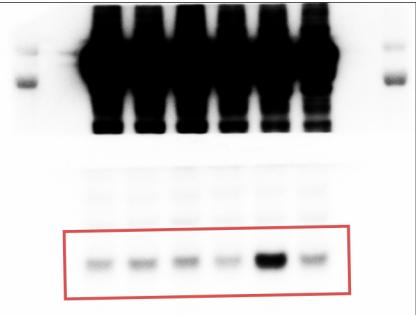
cyclin D1



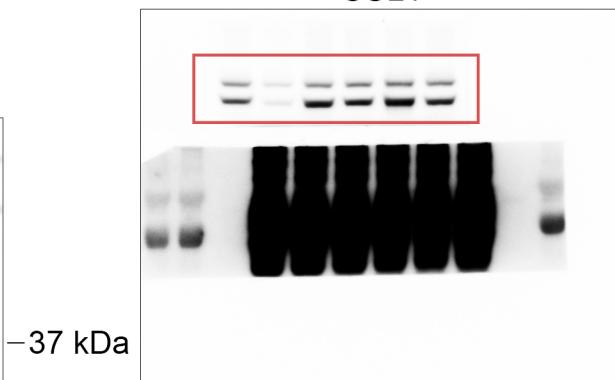
p-cyclin D3 (T283)



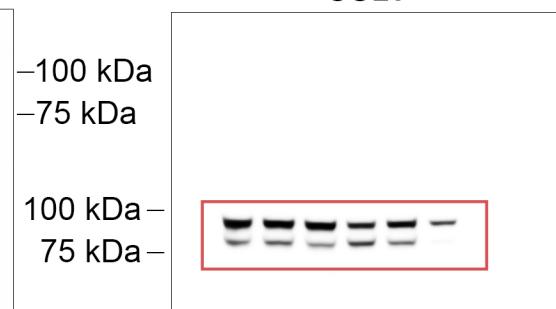
cyclin D3



CUL1



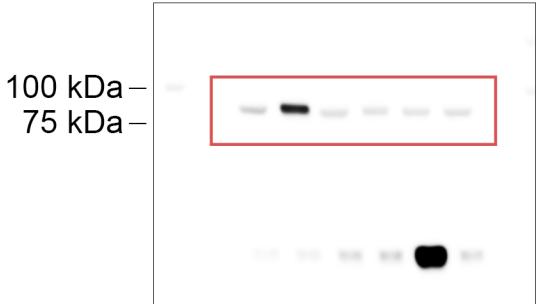
CUL5



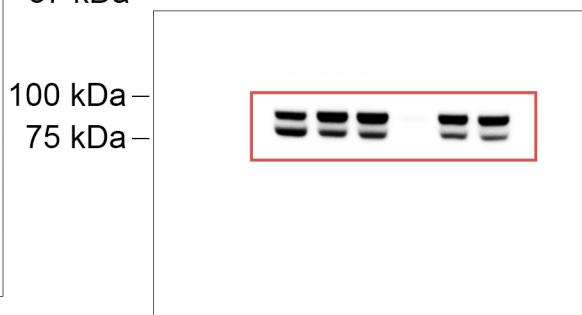
CUL2



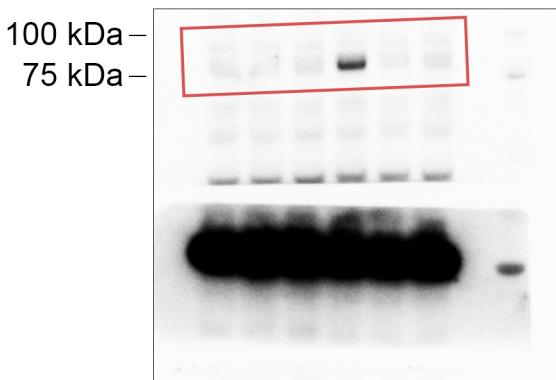
p- β -catenin (S33/37)



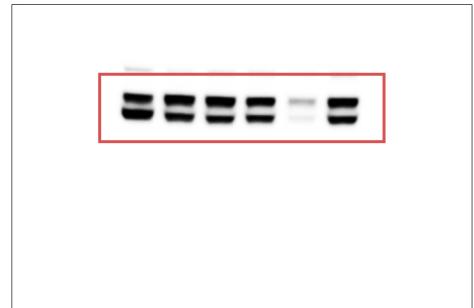
CUL3



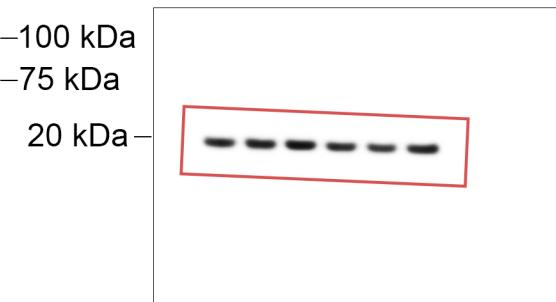
NRF2



CUL4A



SKP1



CUL4B



α -tubulin



Figure 2a

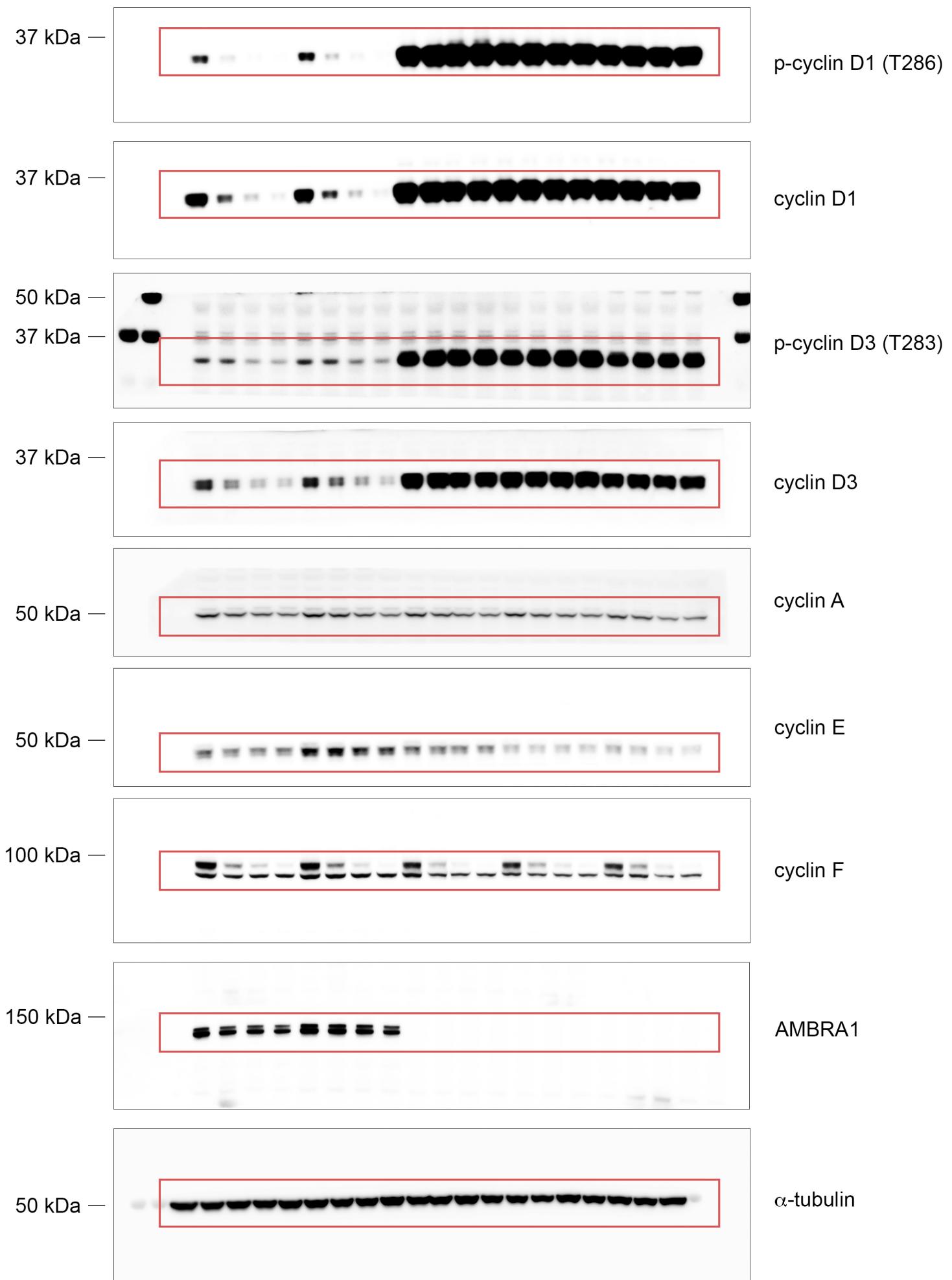


Figure 2b

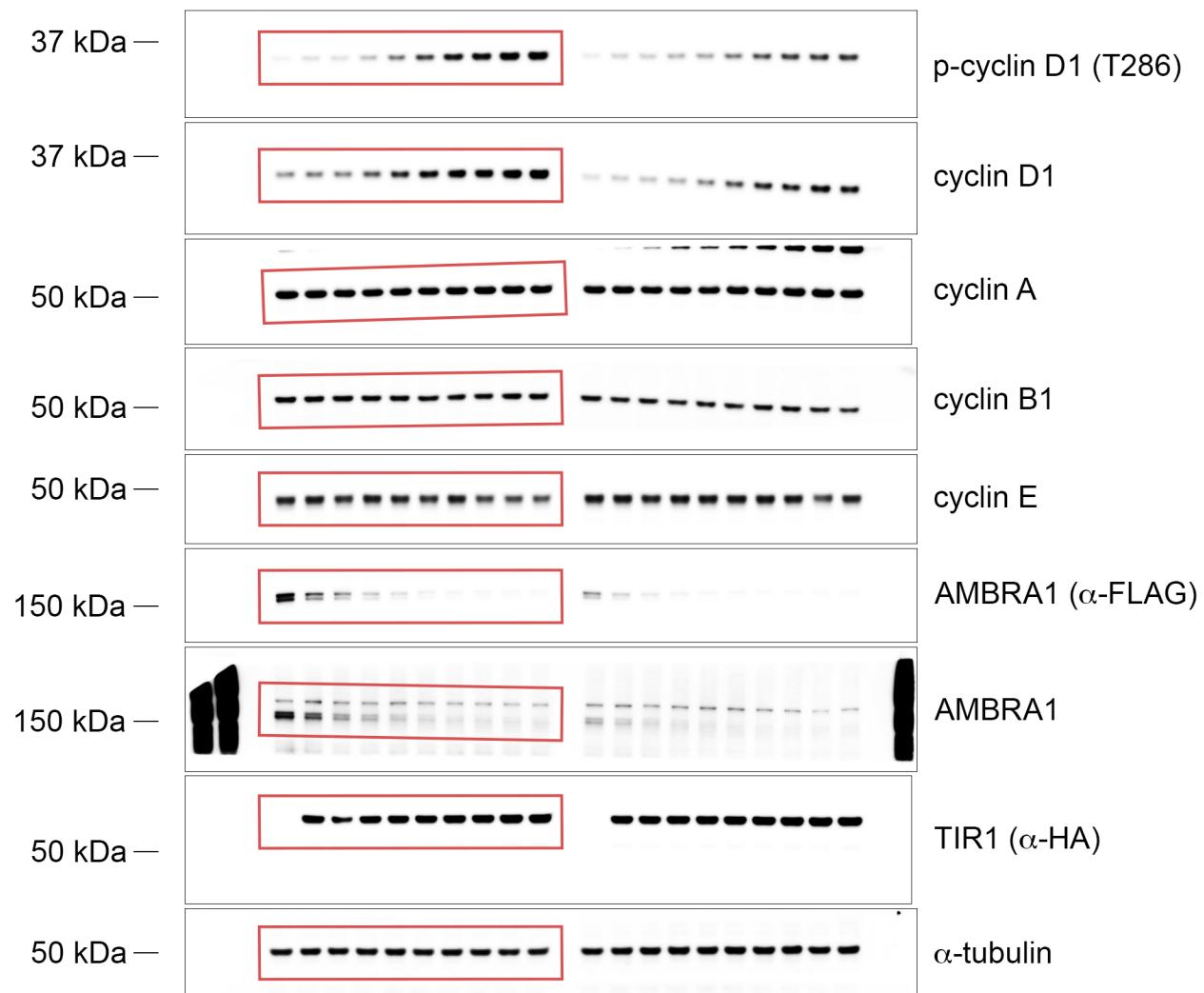


Figure 2c

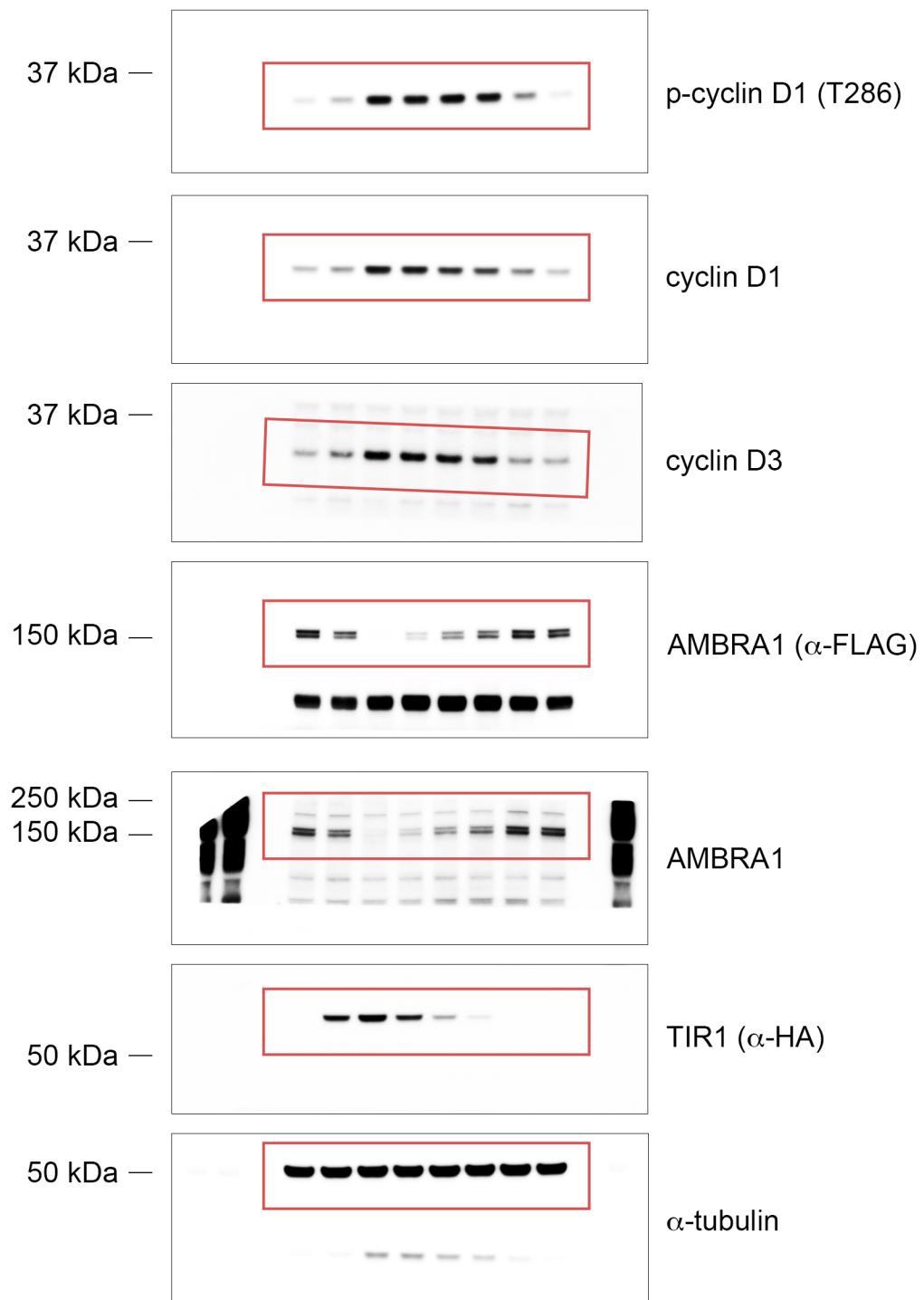
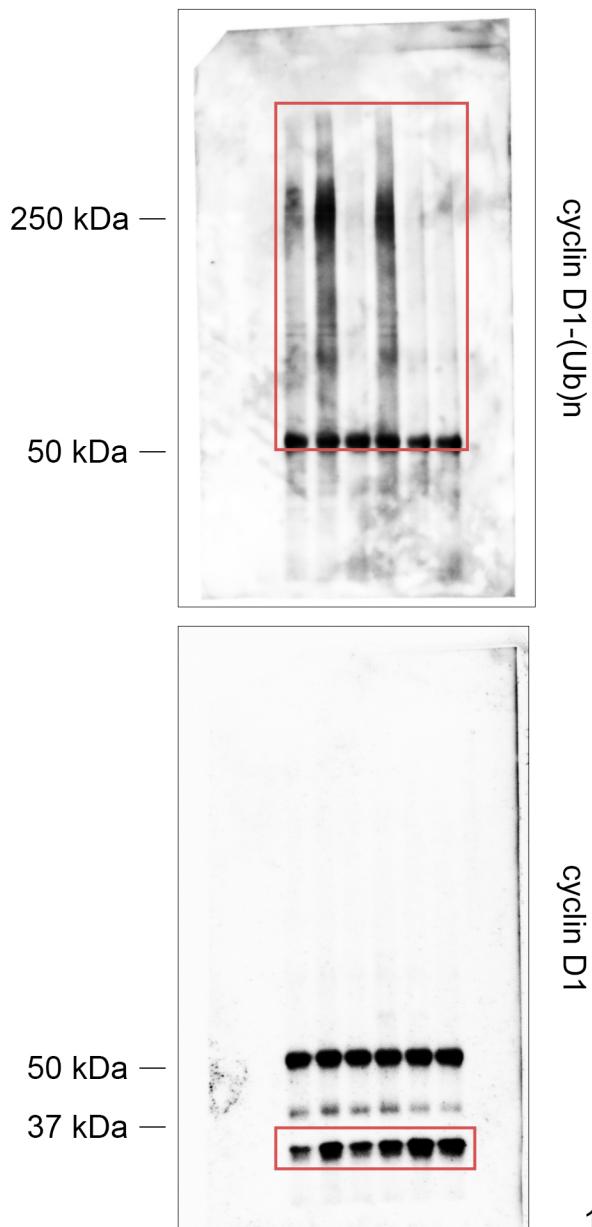


Figure 2d



Extended Data Fig. 3f

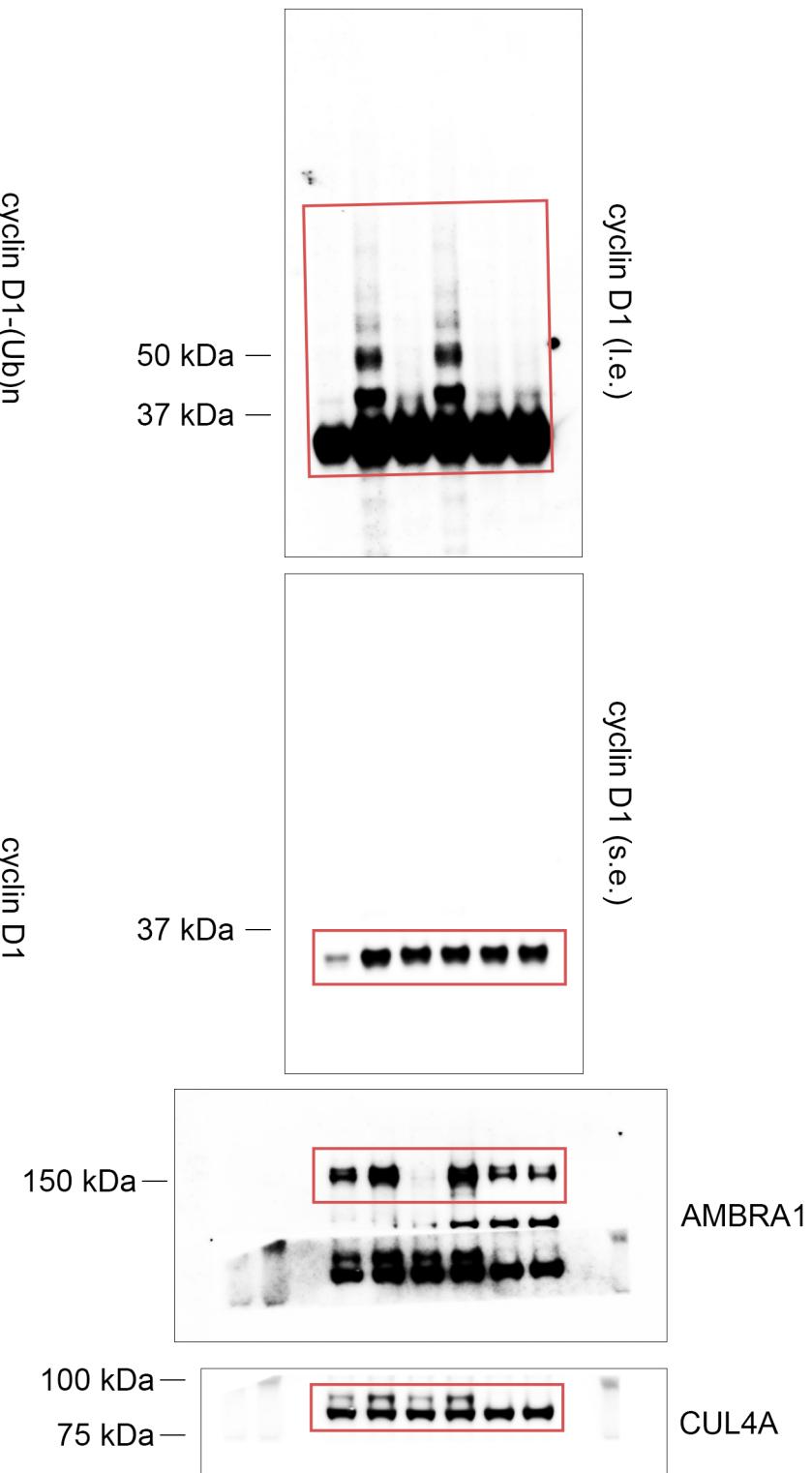


Figure 2f

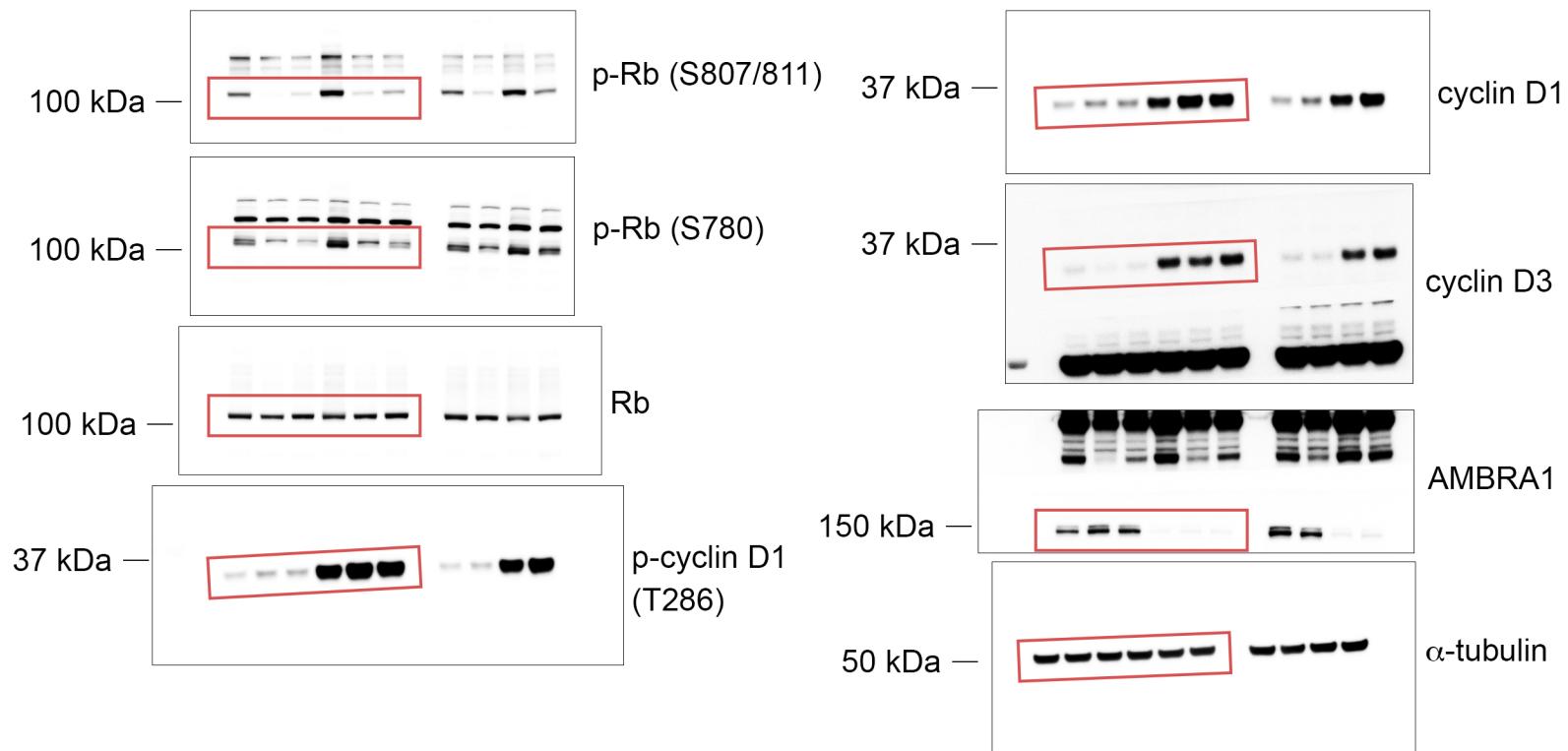
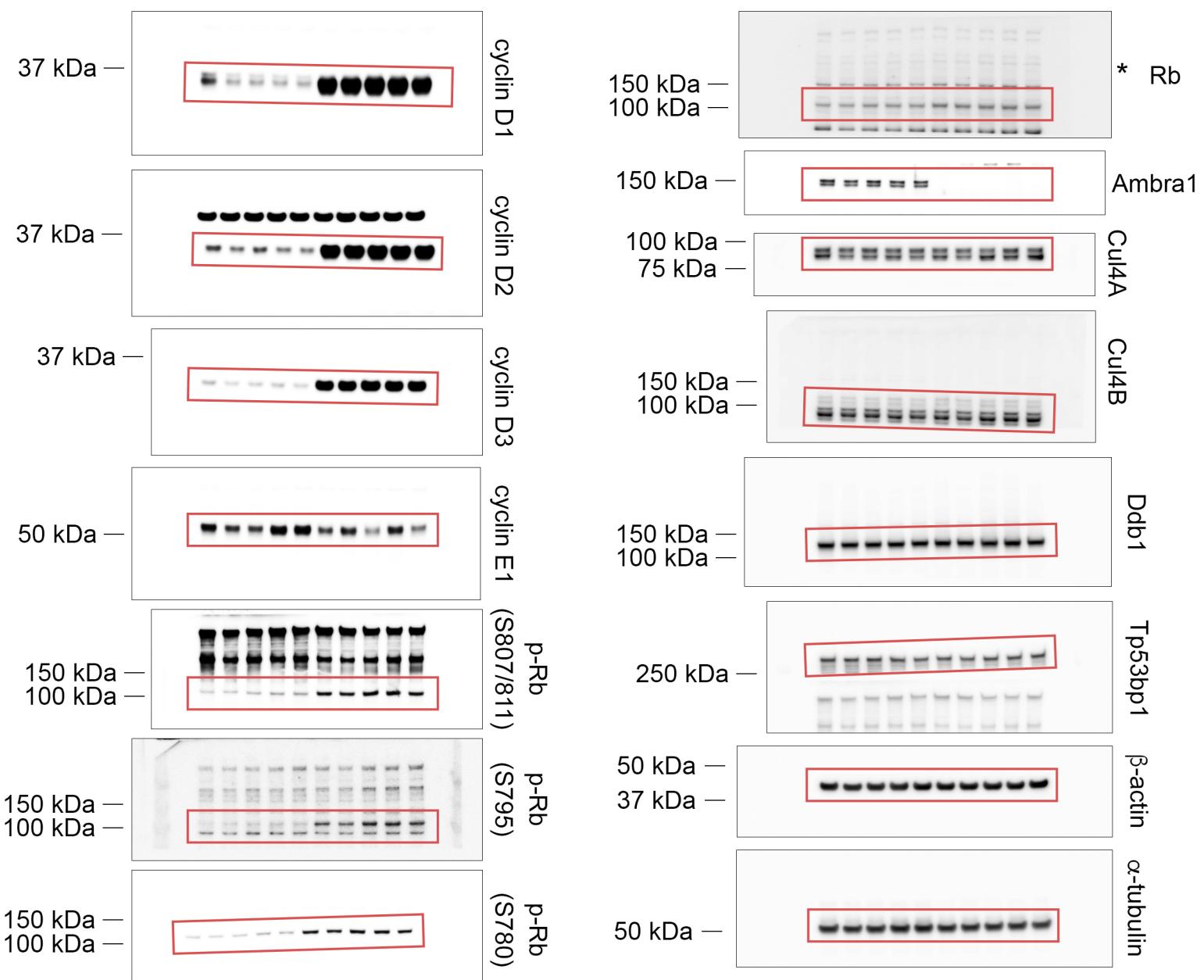


Figure 3a



* Indicates a row of dead pixels from the CCD camera of the chemiluminescent imager

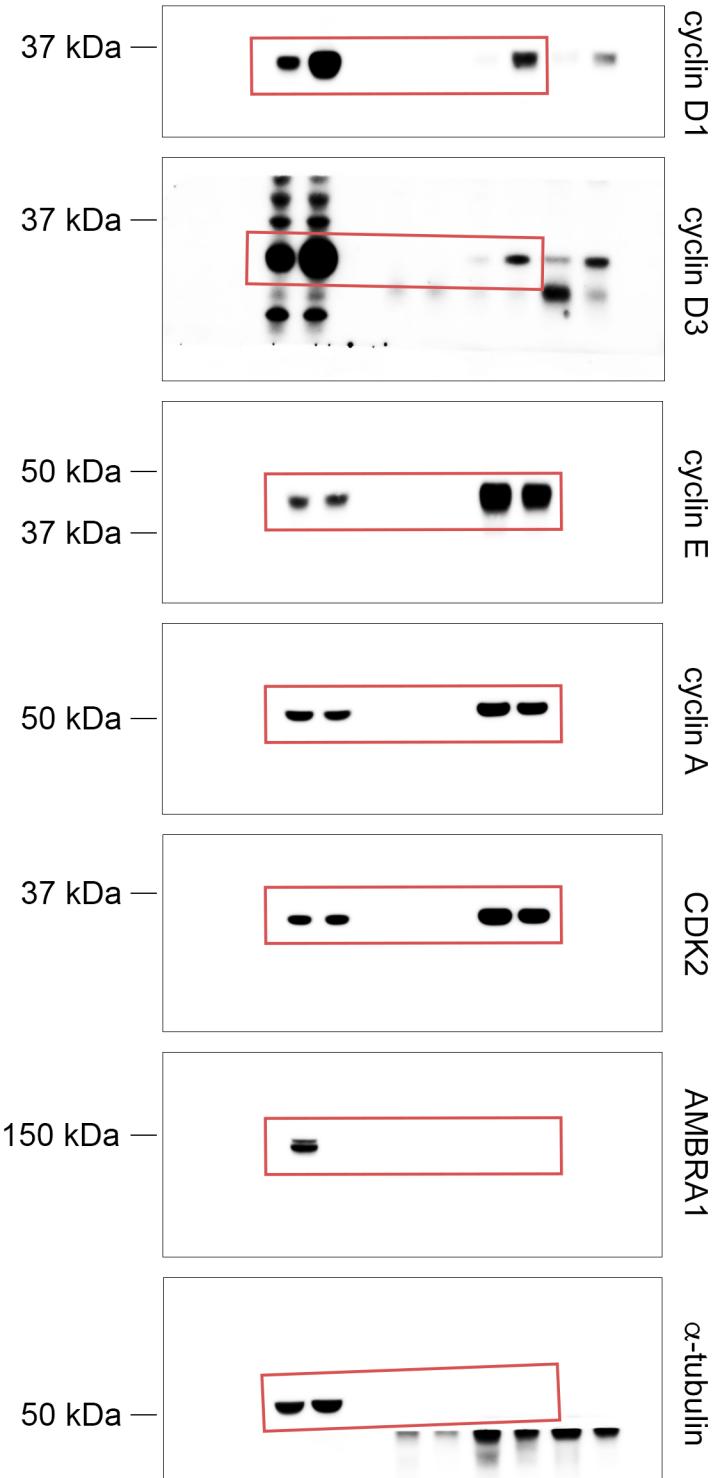
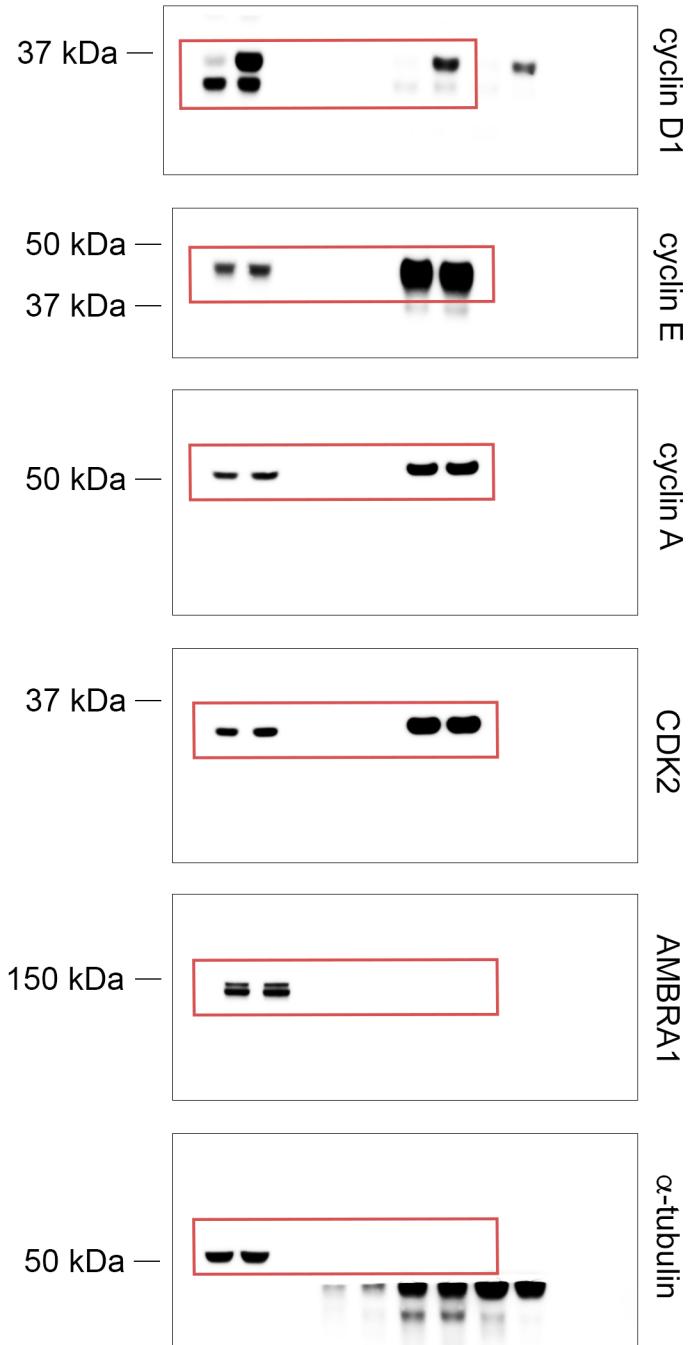
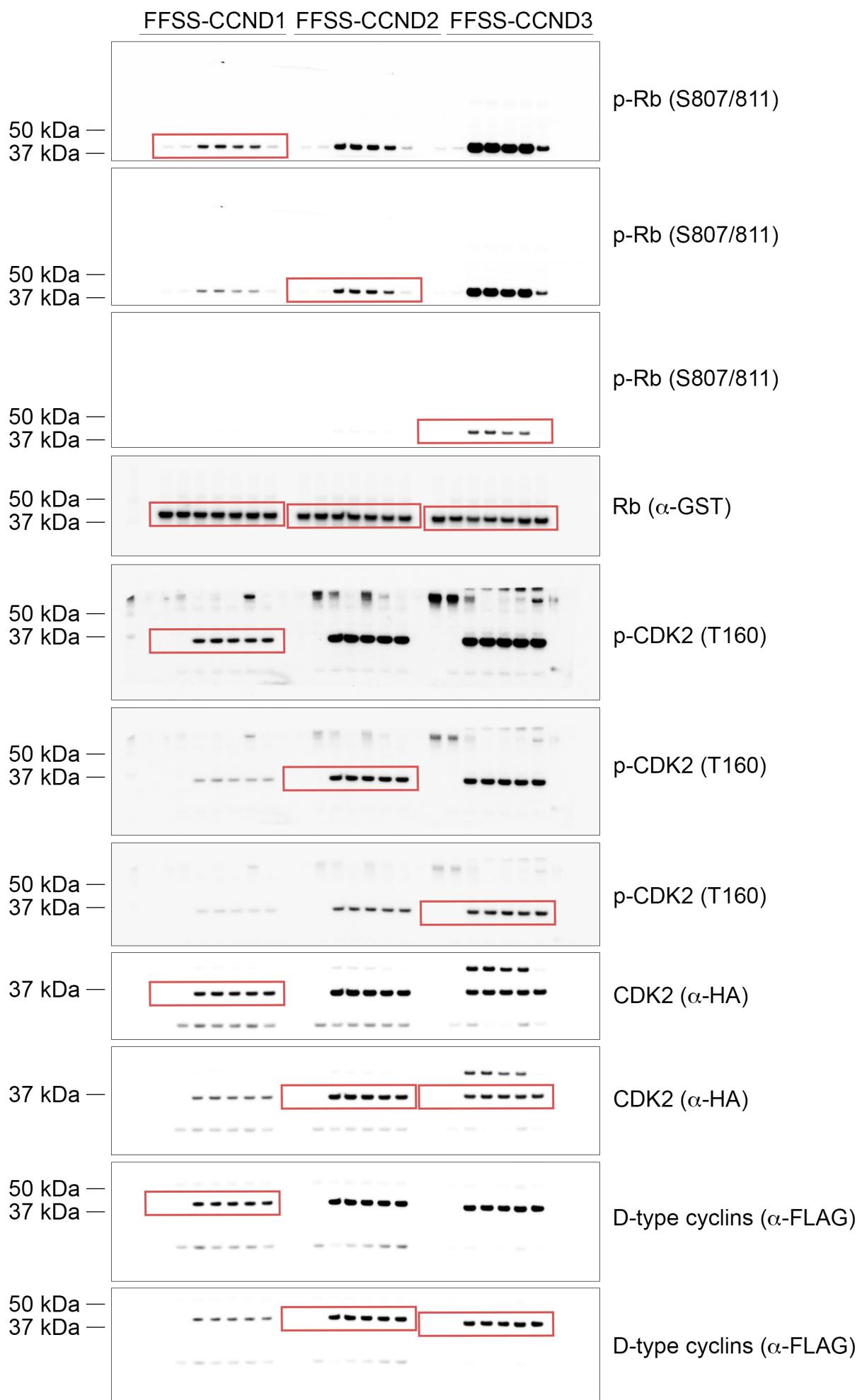
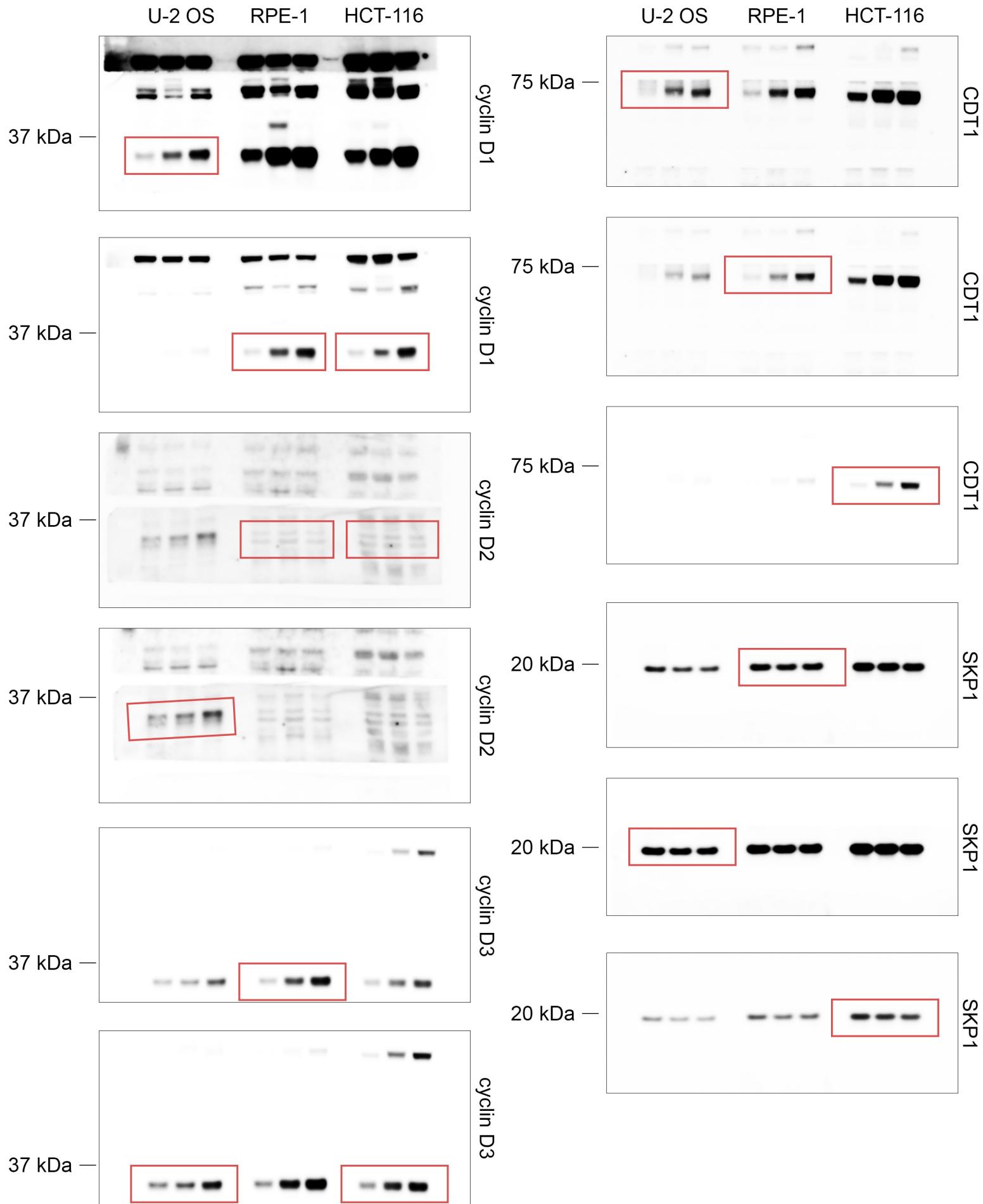
Figure 4a**Extended Data Figure 11j**

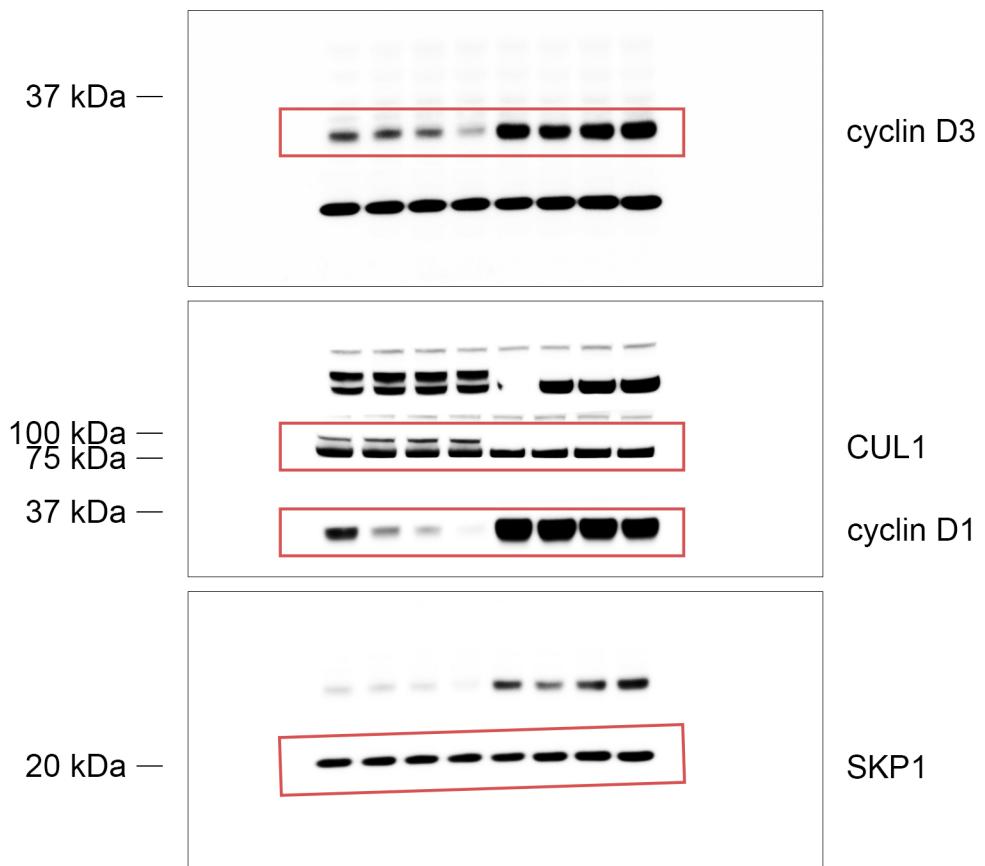
Figure 4b and Extended Data Figure 12a



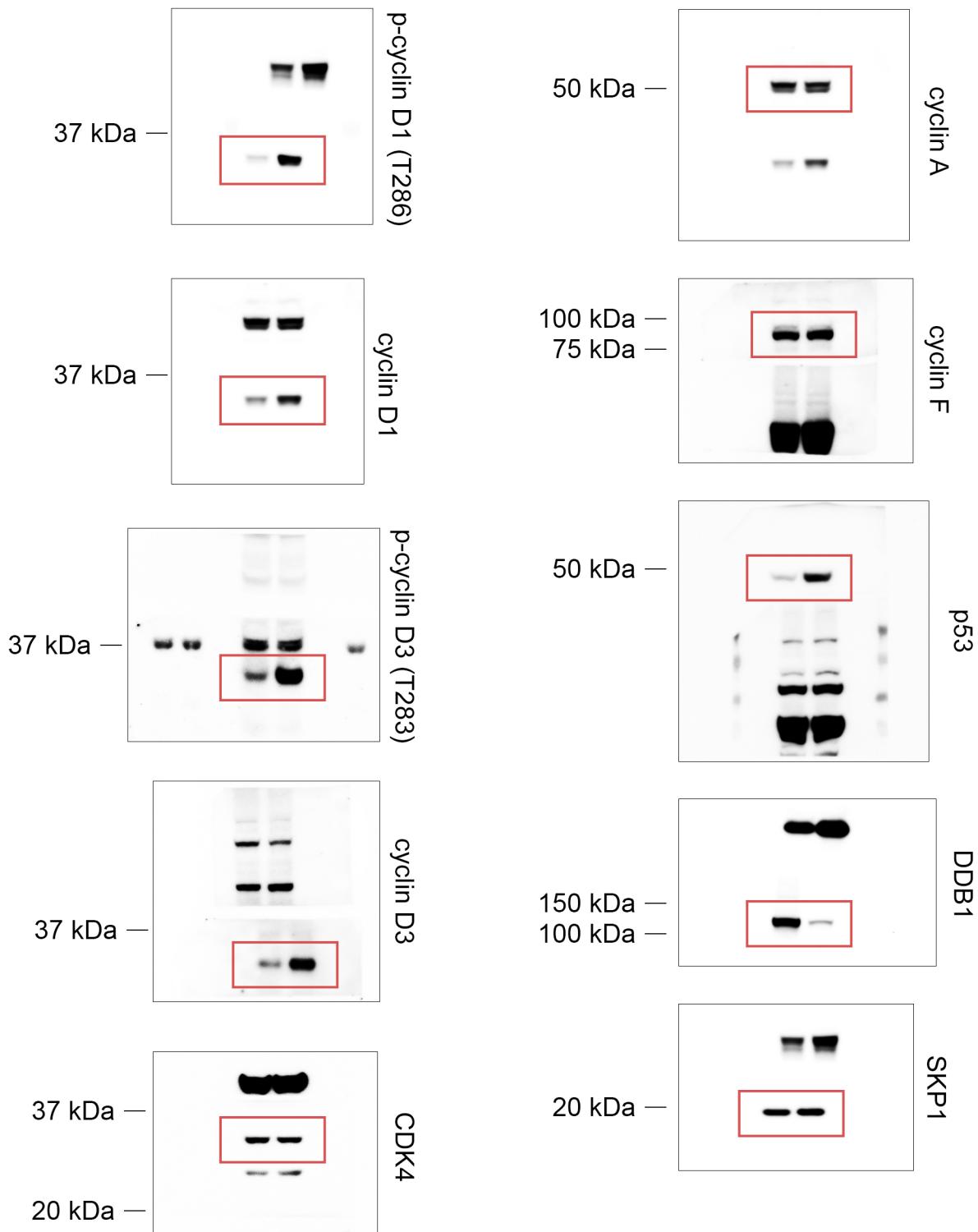
Extended Data Figure 1a



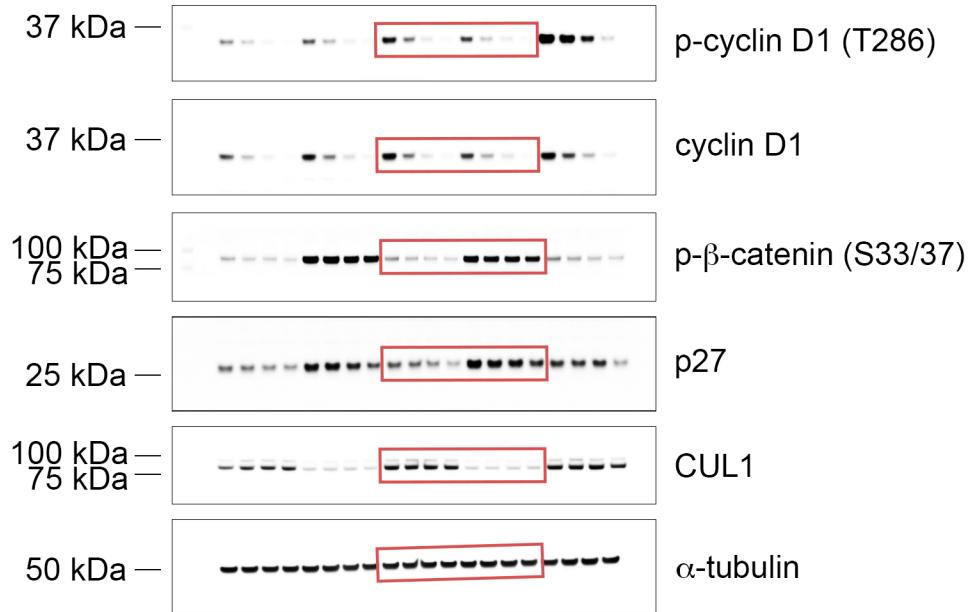
Extended Data Figure 1b



Extended Data Figure 1c



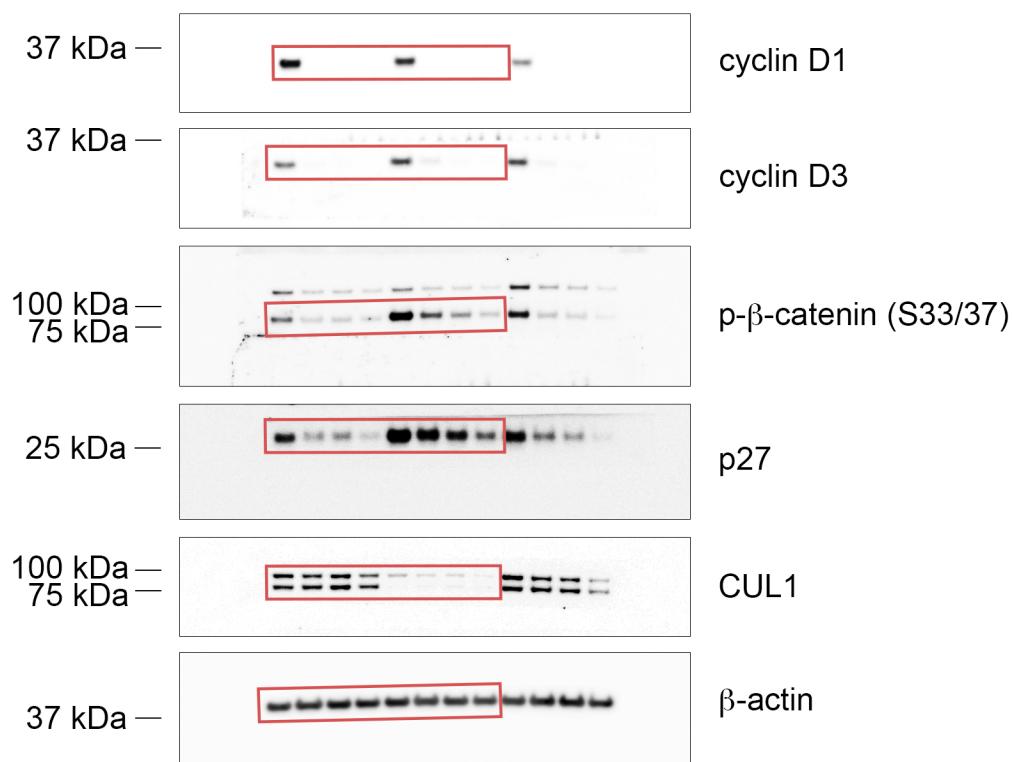
Extended Data Figure 1d



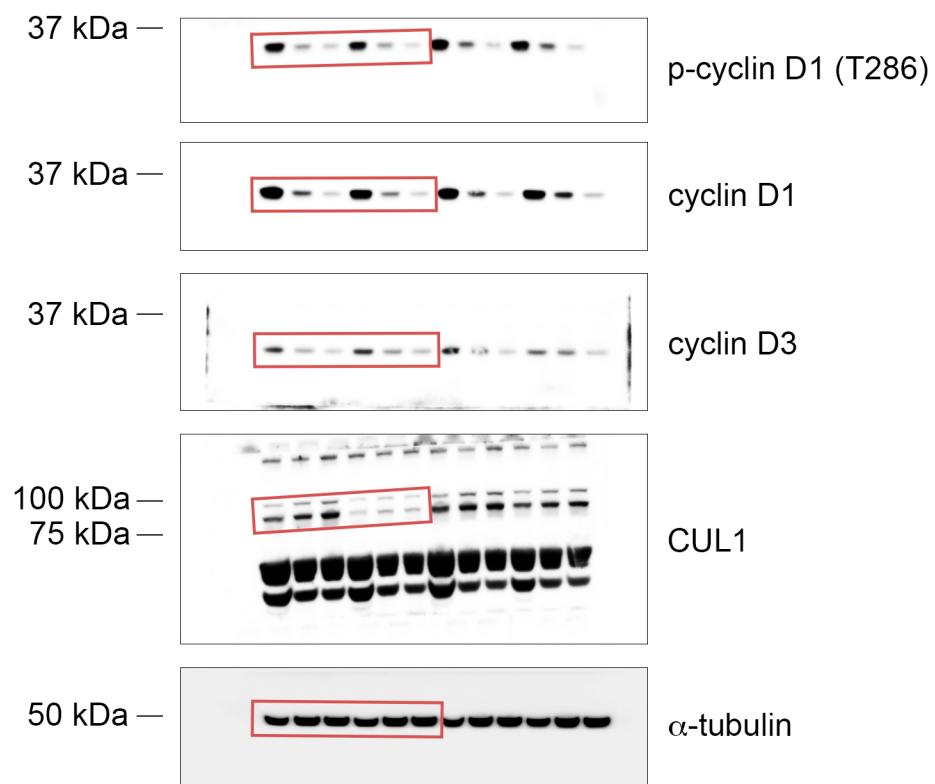
Extended Data Figure 1e



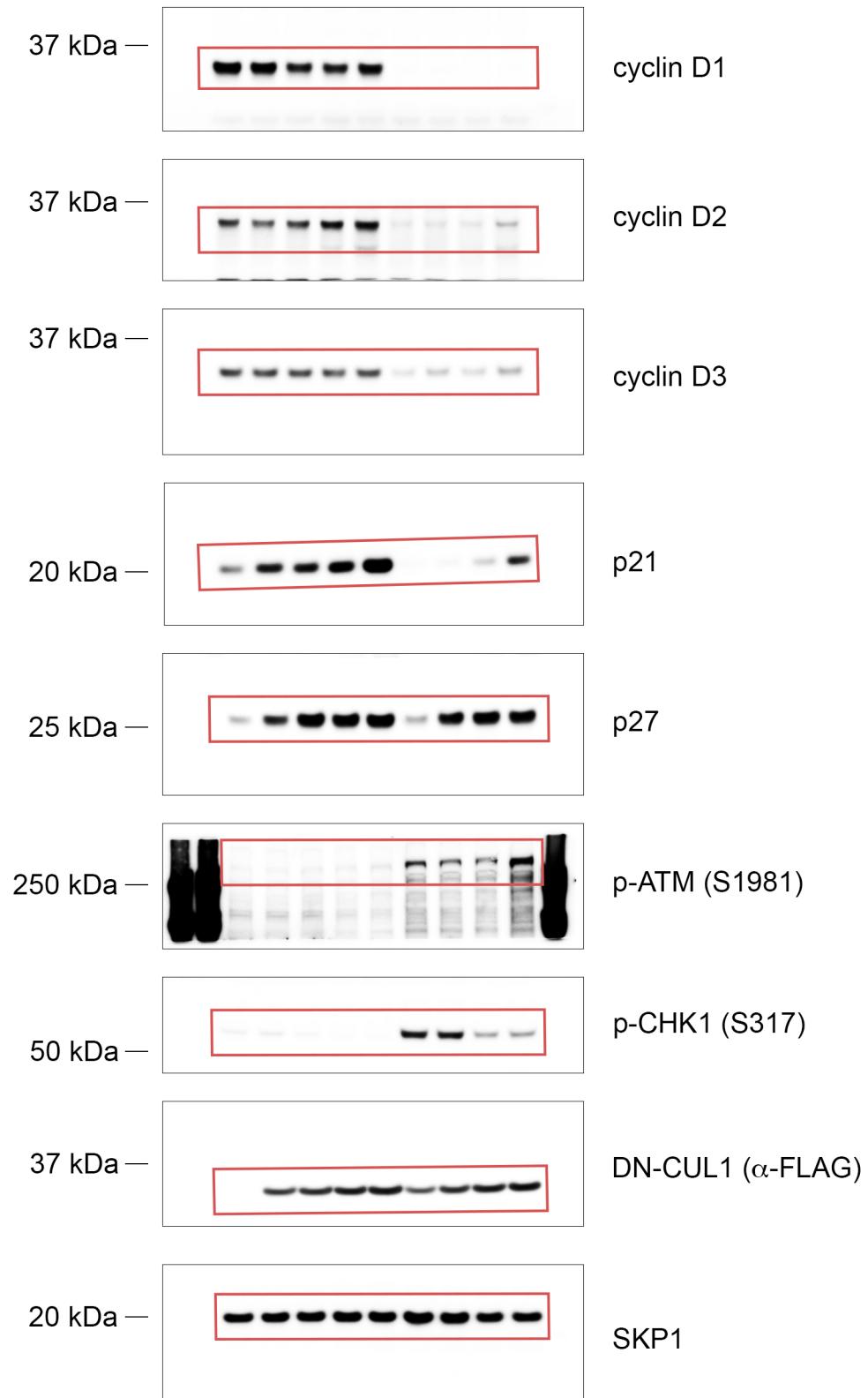
Extended Data Figure 1f



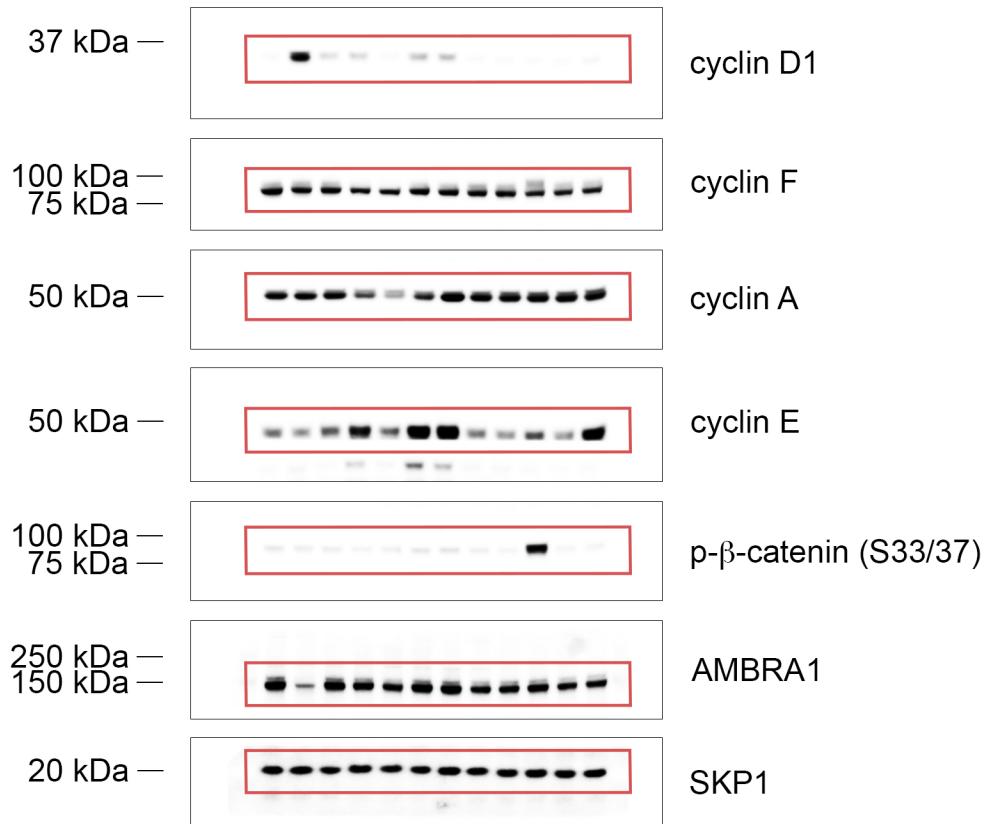
Extended Data Figure 1g



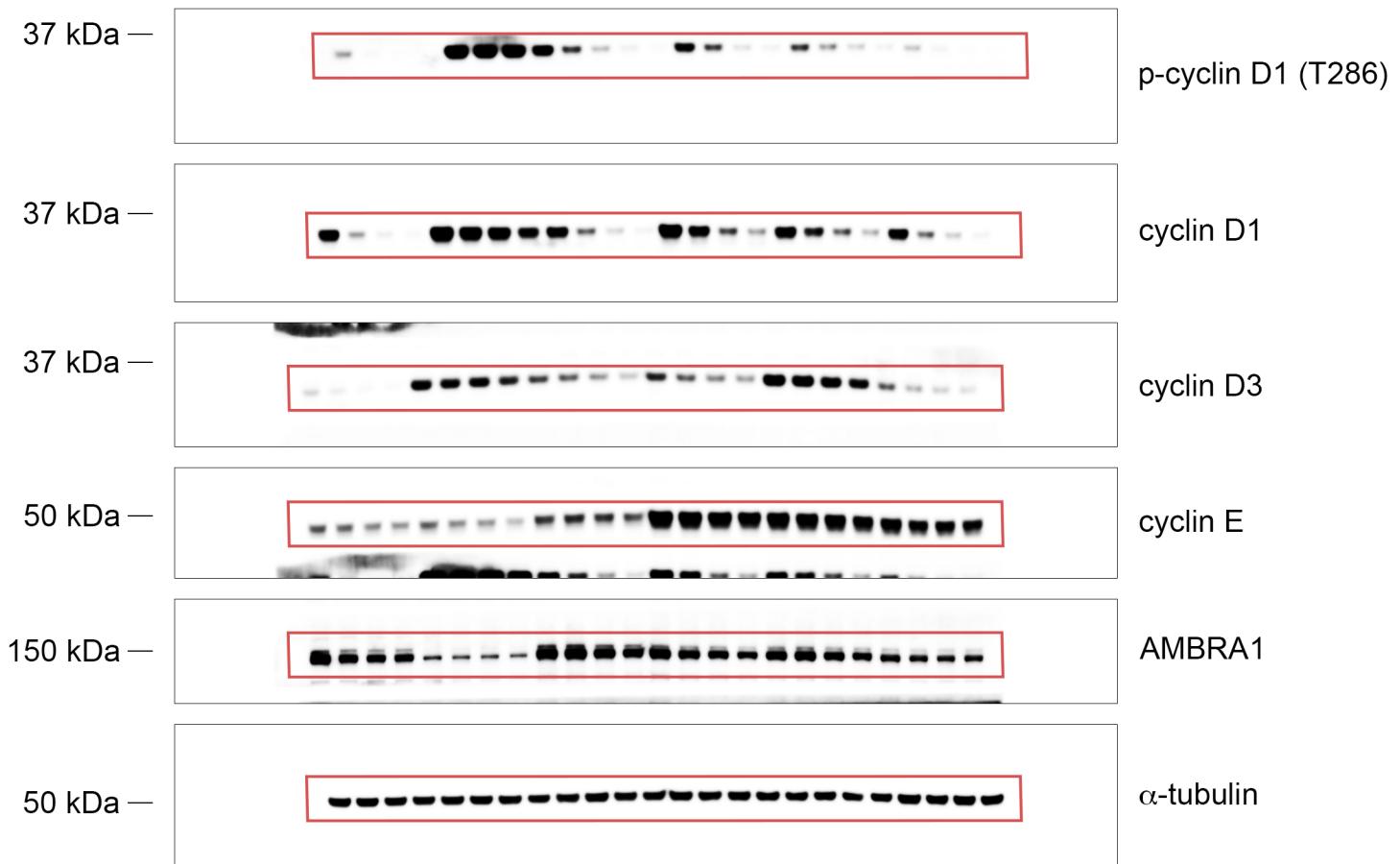
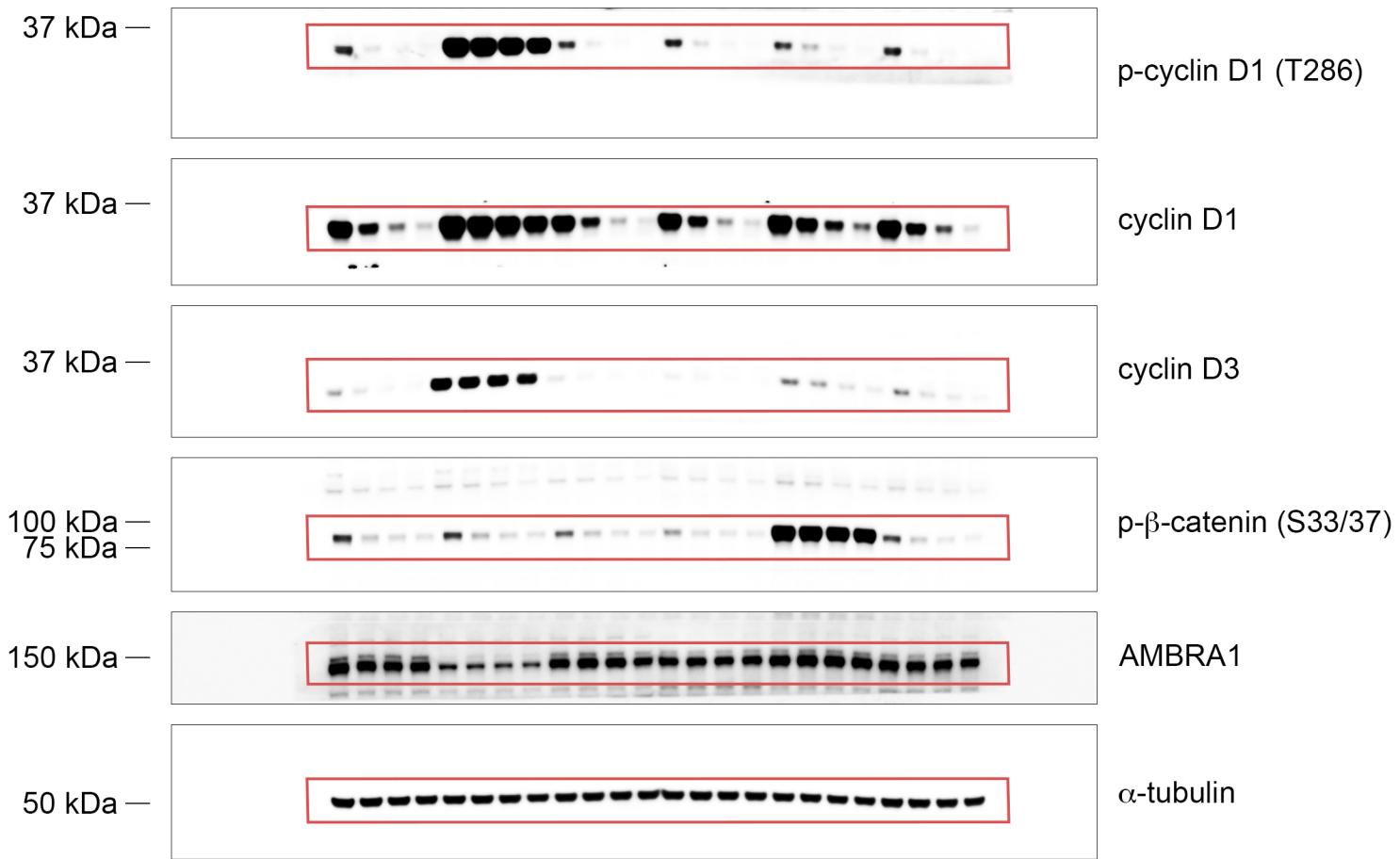
Extended Data Figure 1h



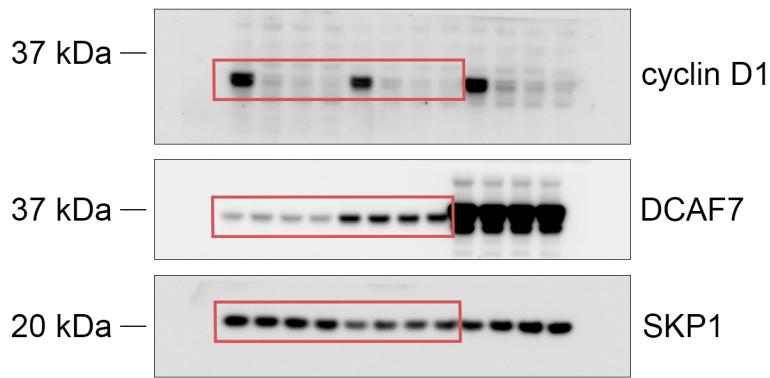
Extended Data Figure 2a



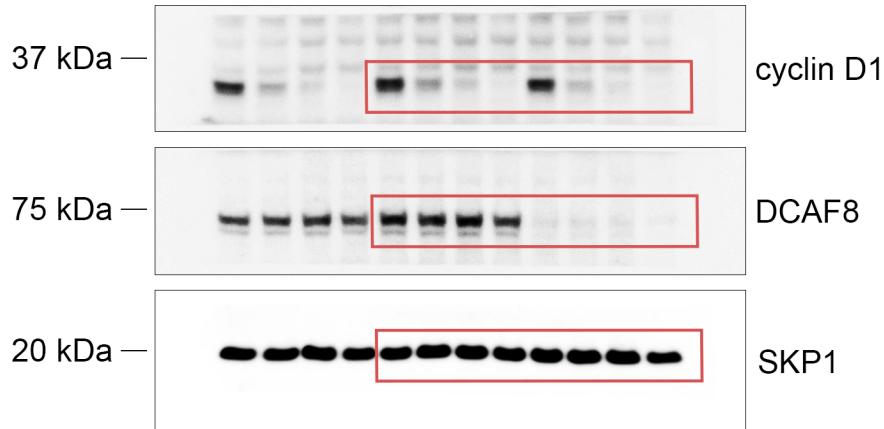
Extended Data Figure 2b



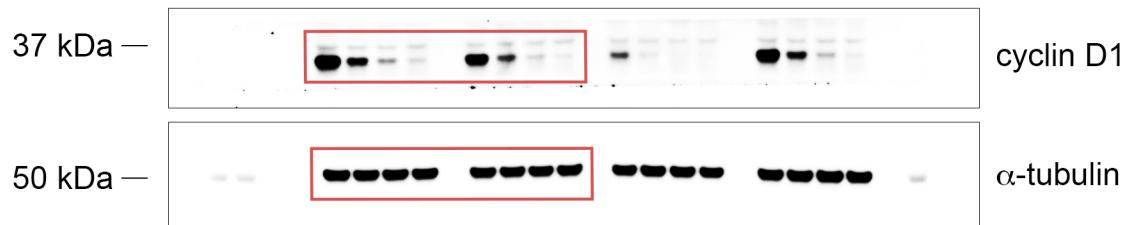
Extended Data Figure 2c



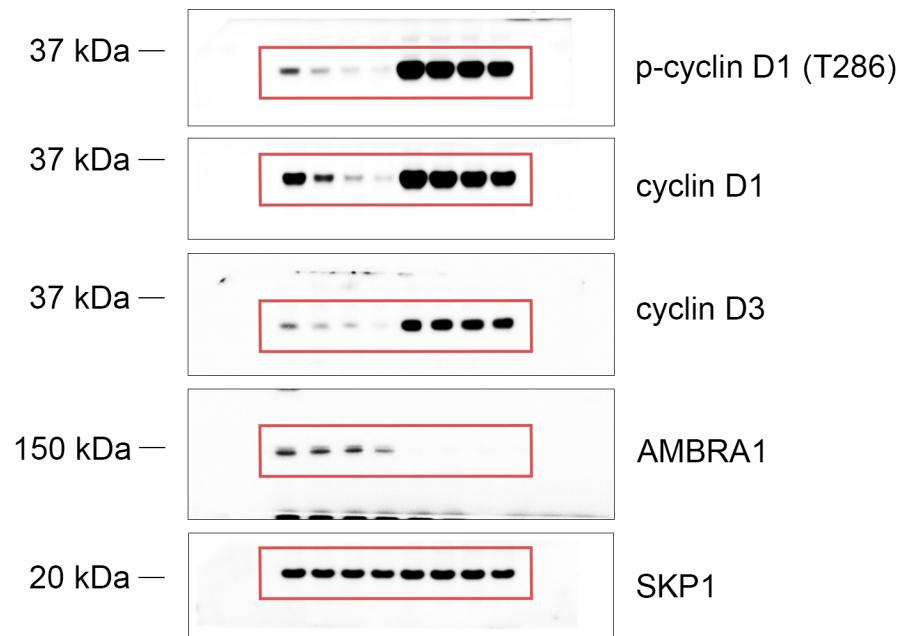
Extended Data Figure 2d



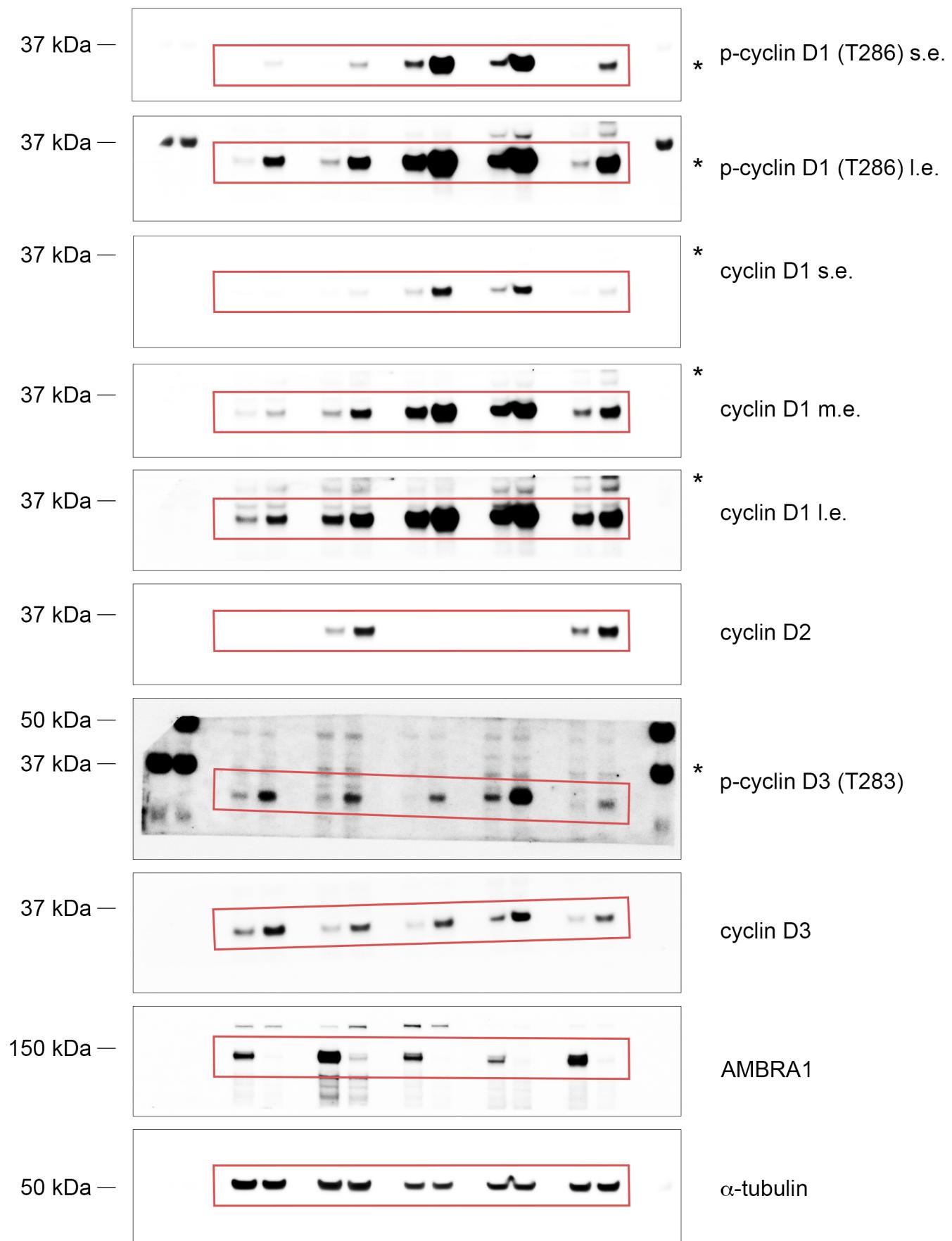
Extended Data Figure 2e



Extended Data Figure 2f

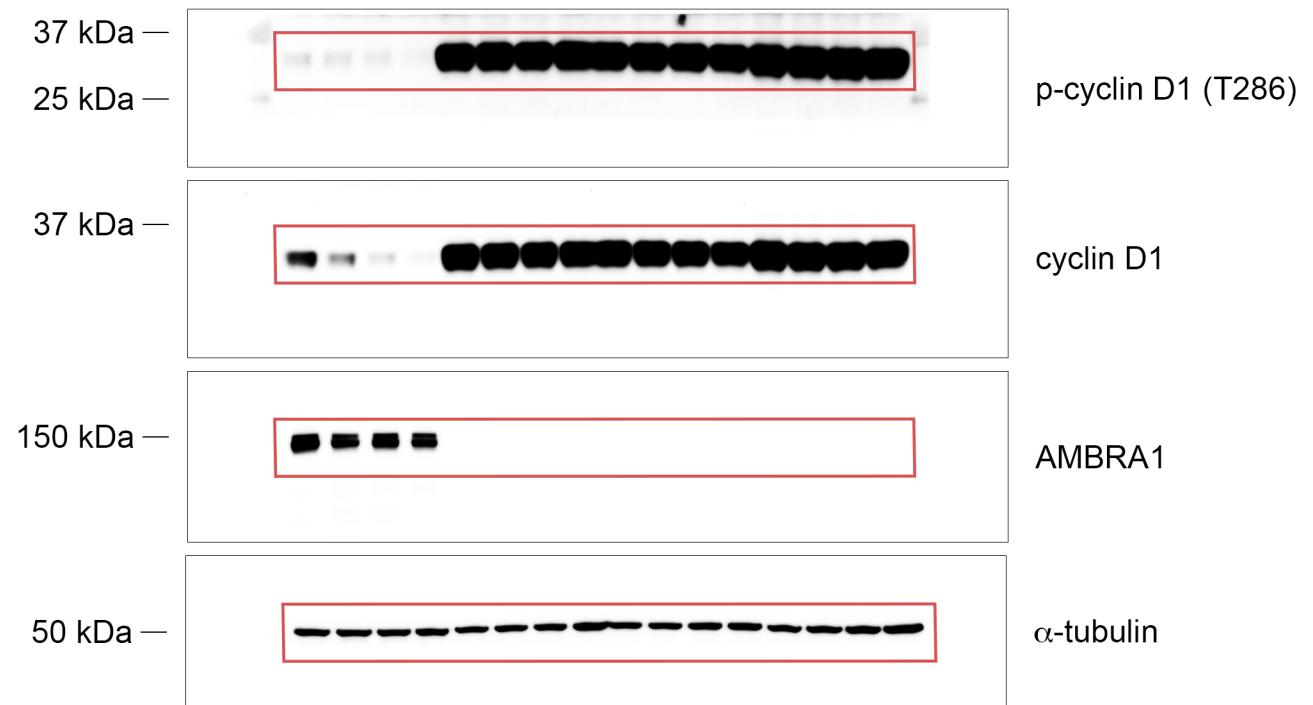


Extended Data Figure 2g

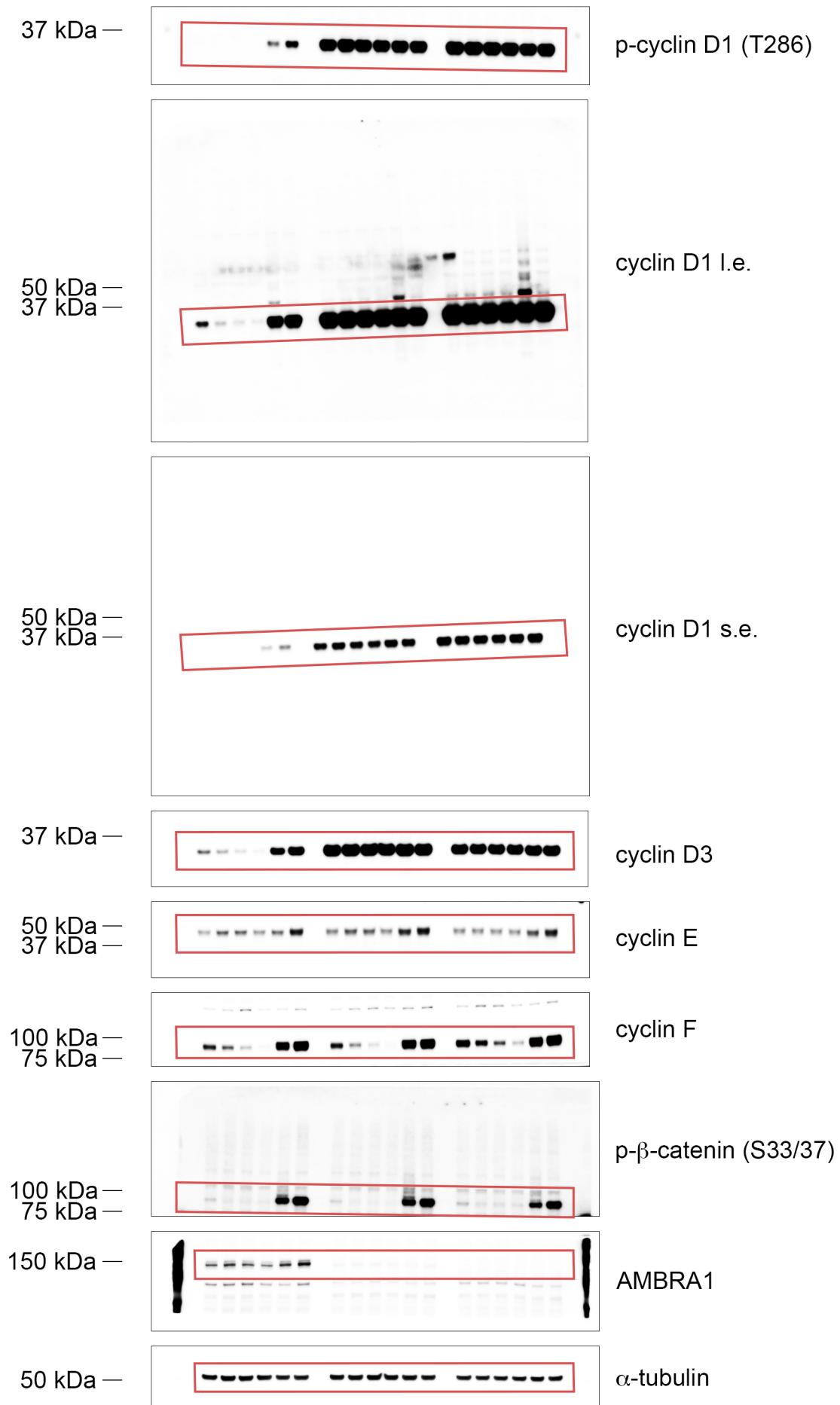


* Indicates a row of dead pixels from the CCD camera of the chemiluminescent imager

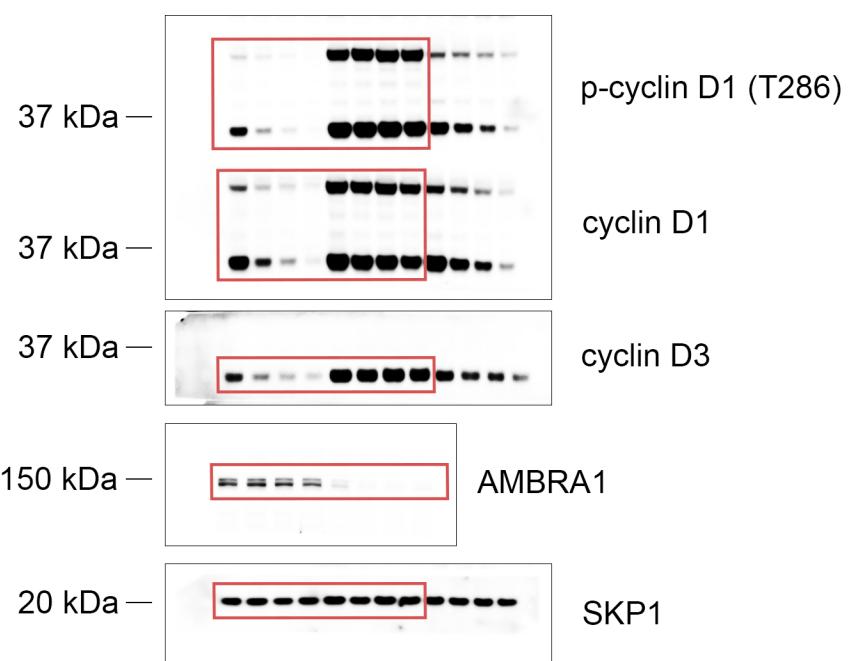
Extended Data Figure 2i



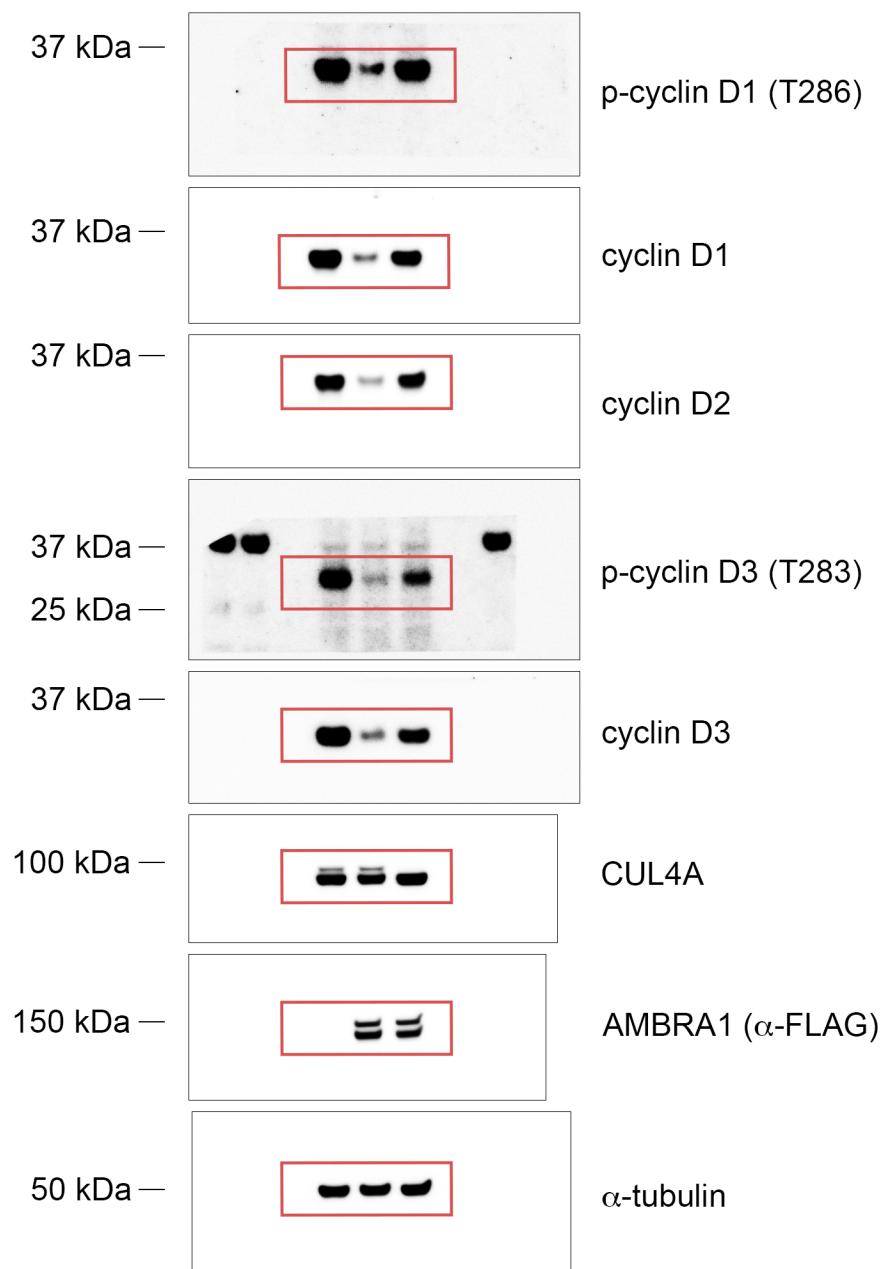
Extended Data Figure 2j



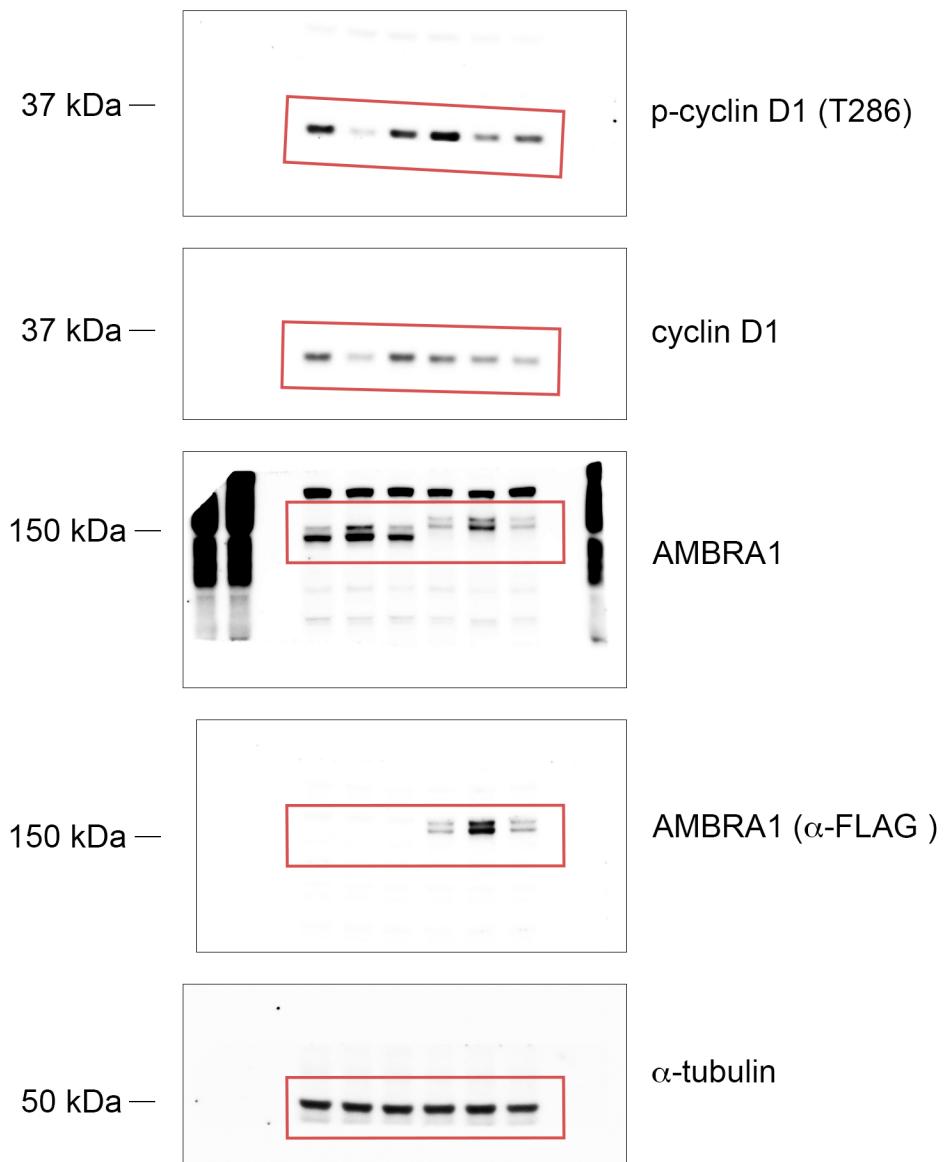
Extended Data Figure 2k



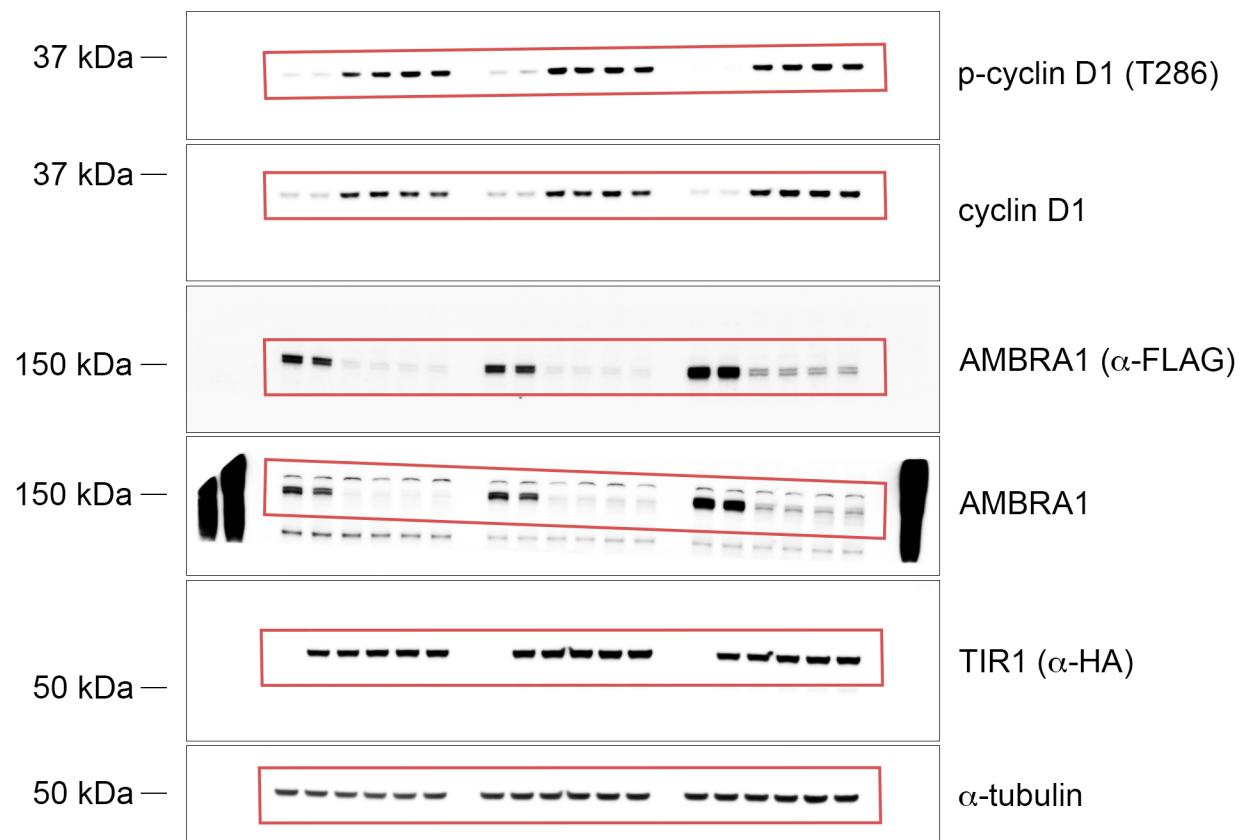
Extended Data Figure 2l



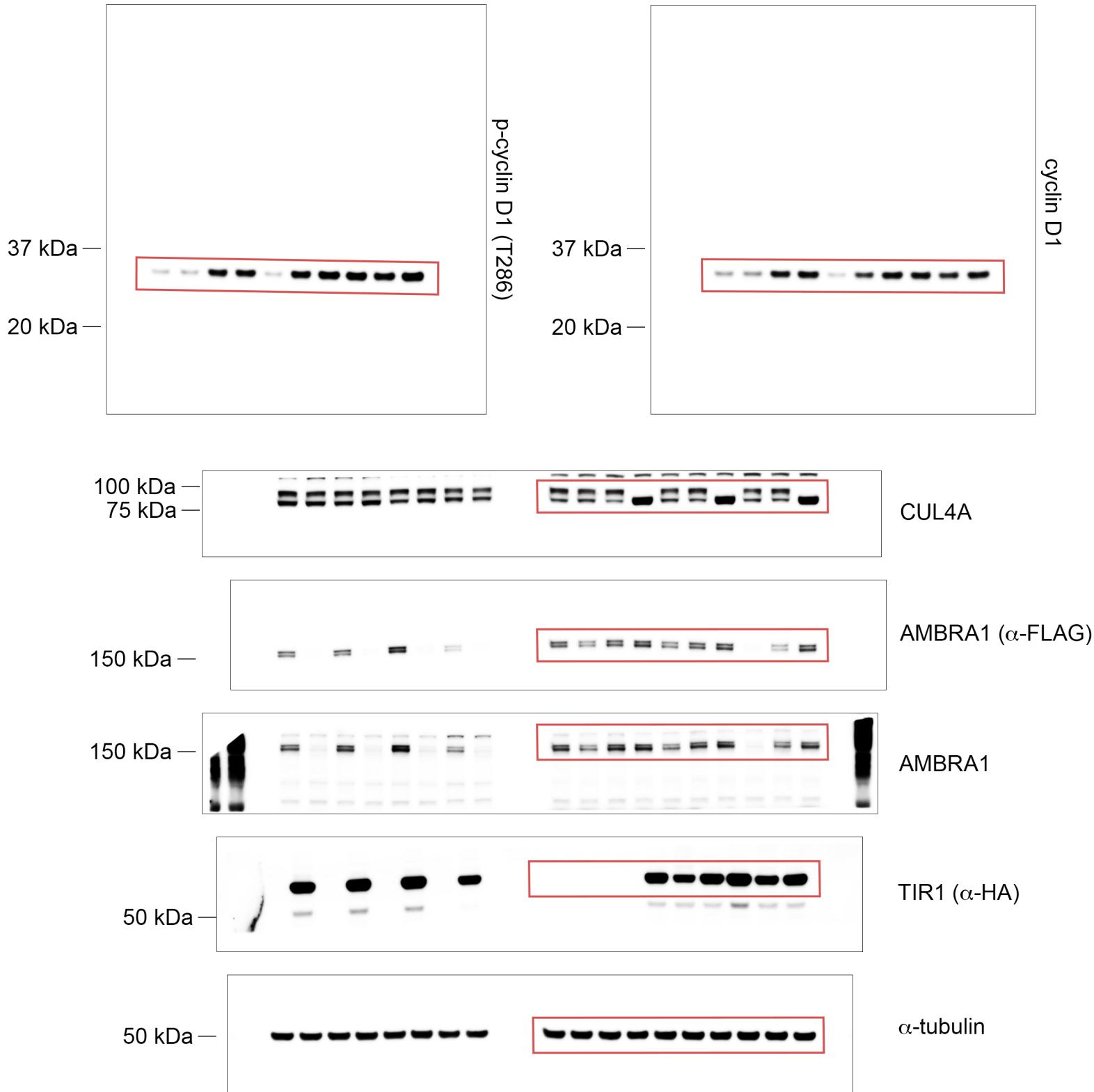
Extended Data Figure 3b



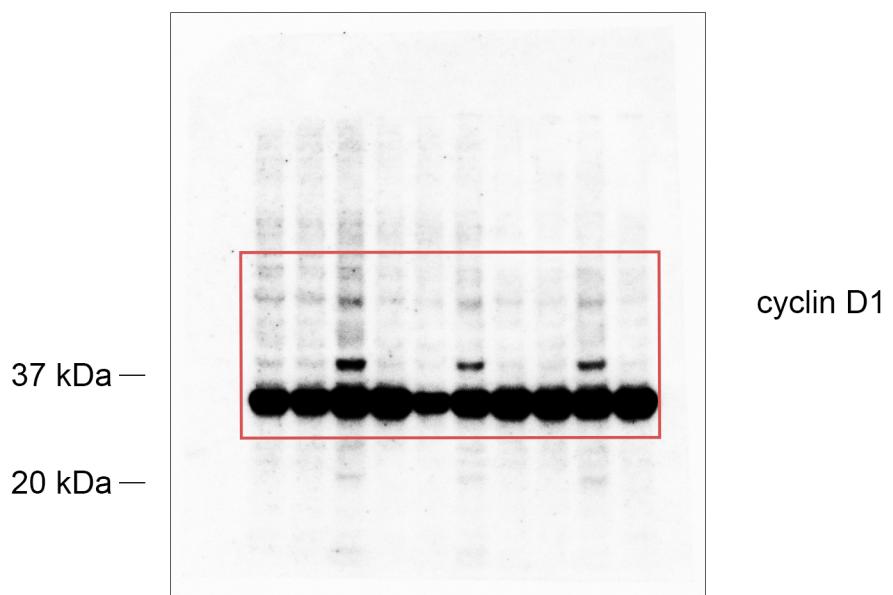
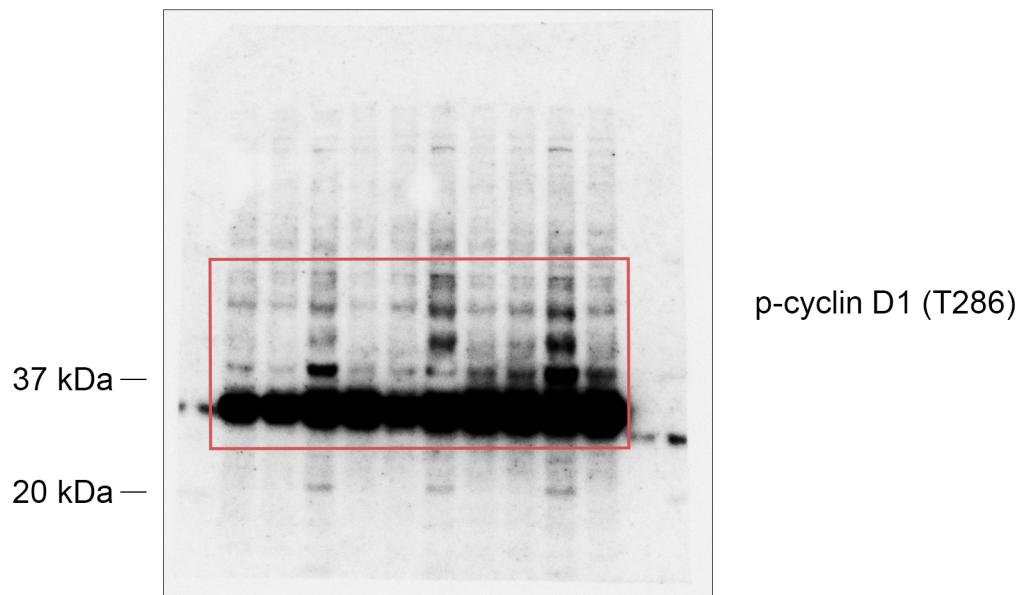
Extended Data Figure 3c



Extended Data Figure 3d

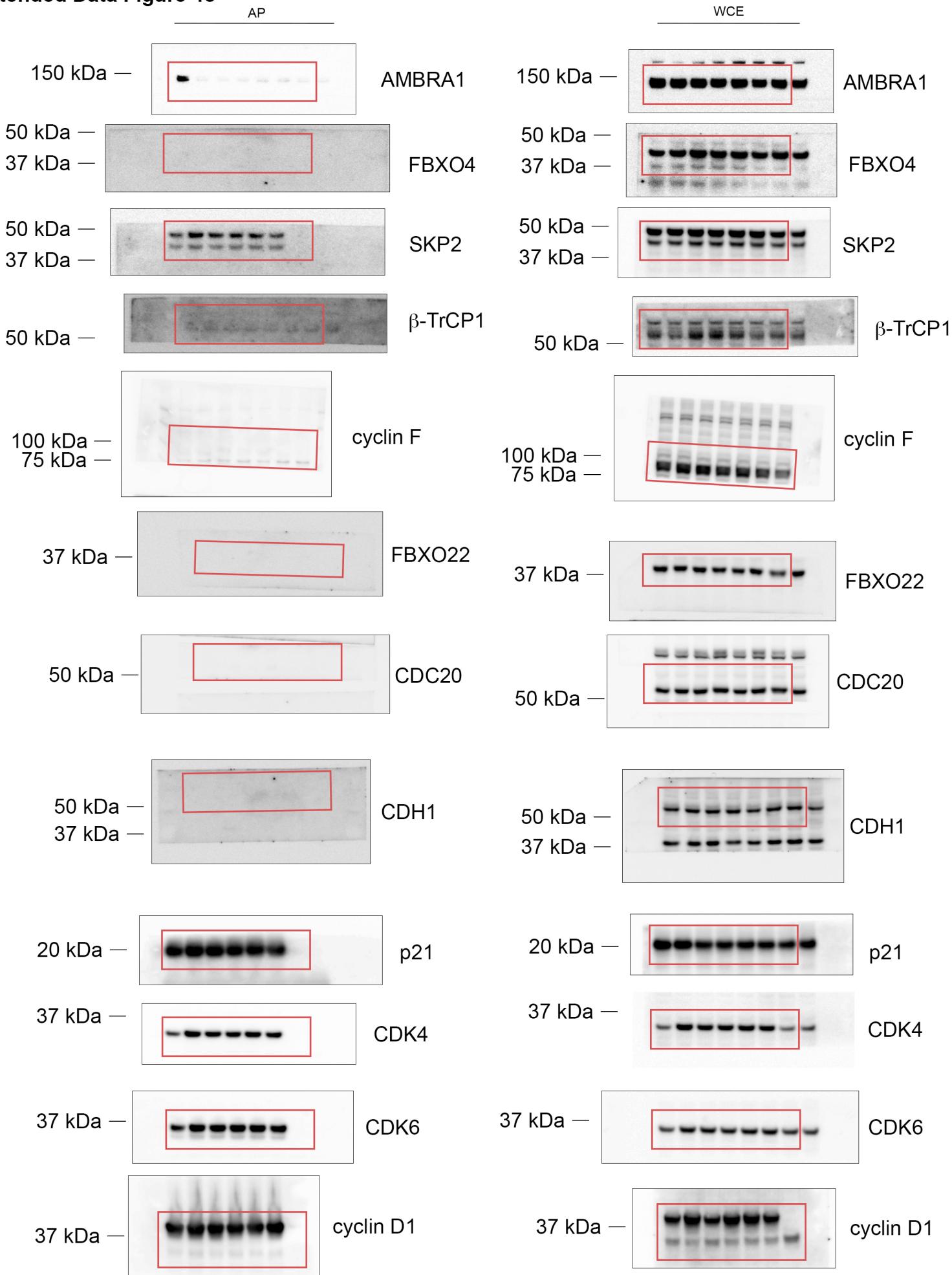


Extended Data Figure 3e

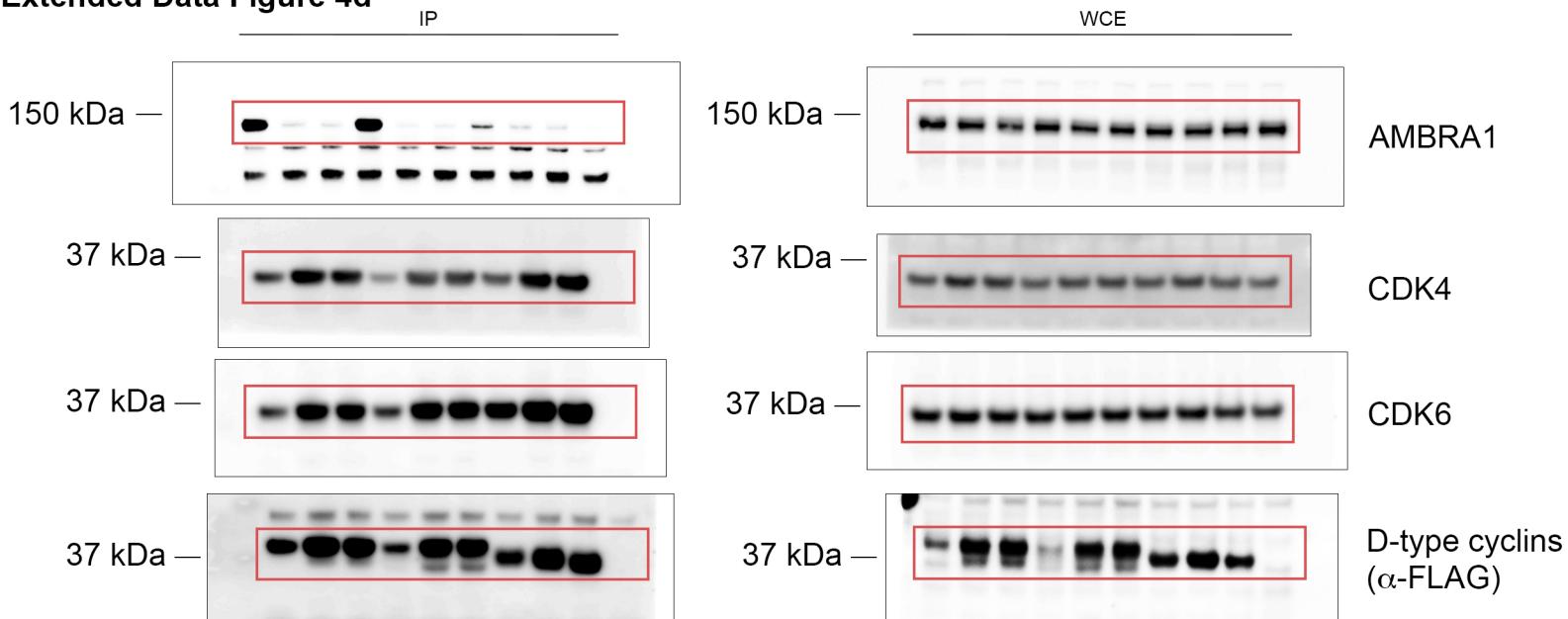


Extended Data Figure 3f - See above

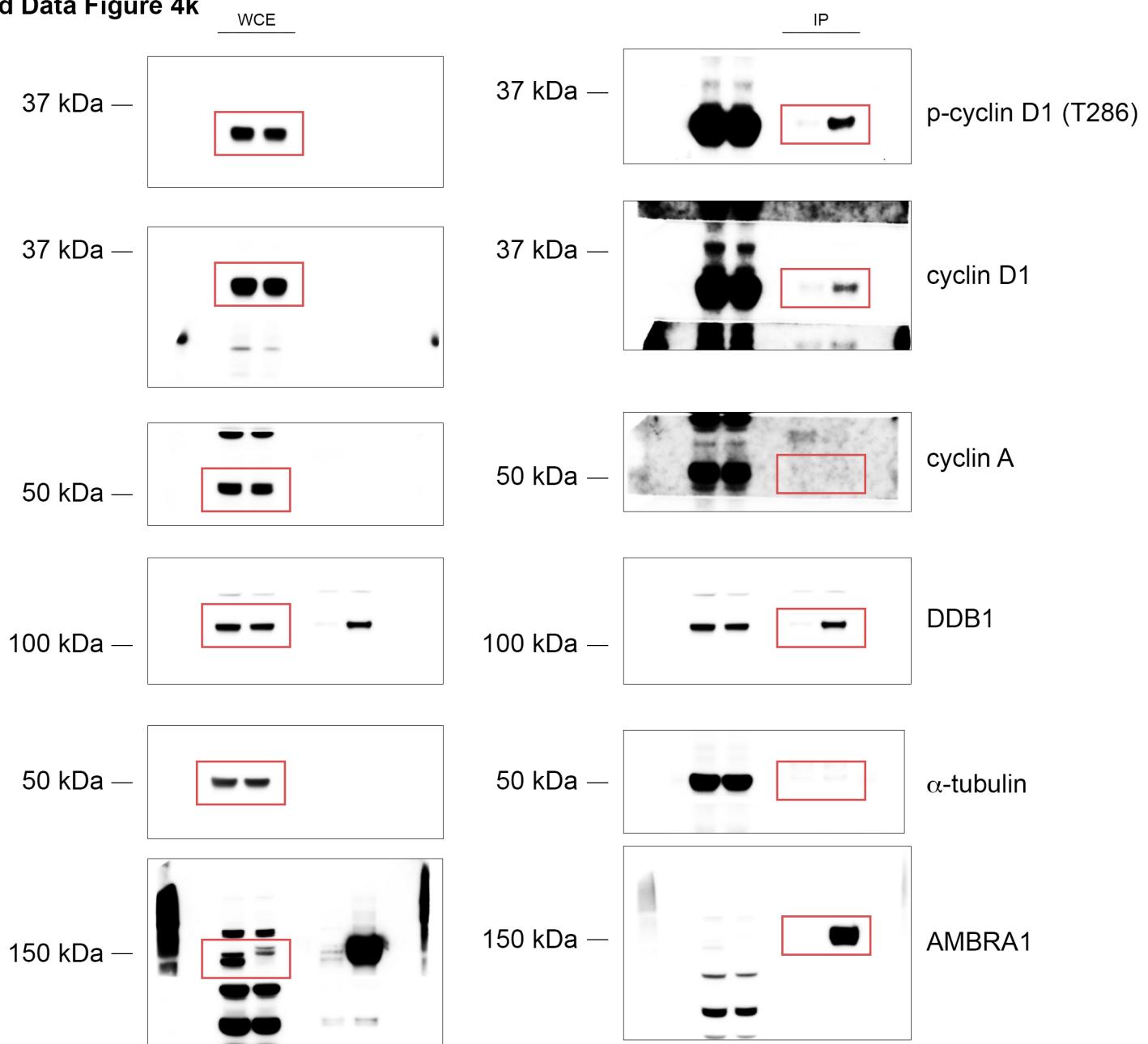
Extended Data Figure 4c



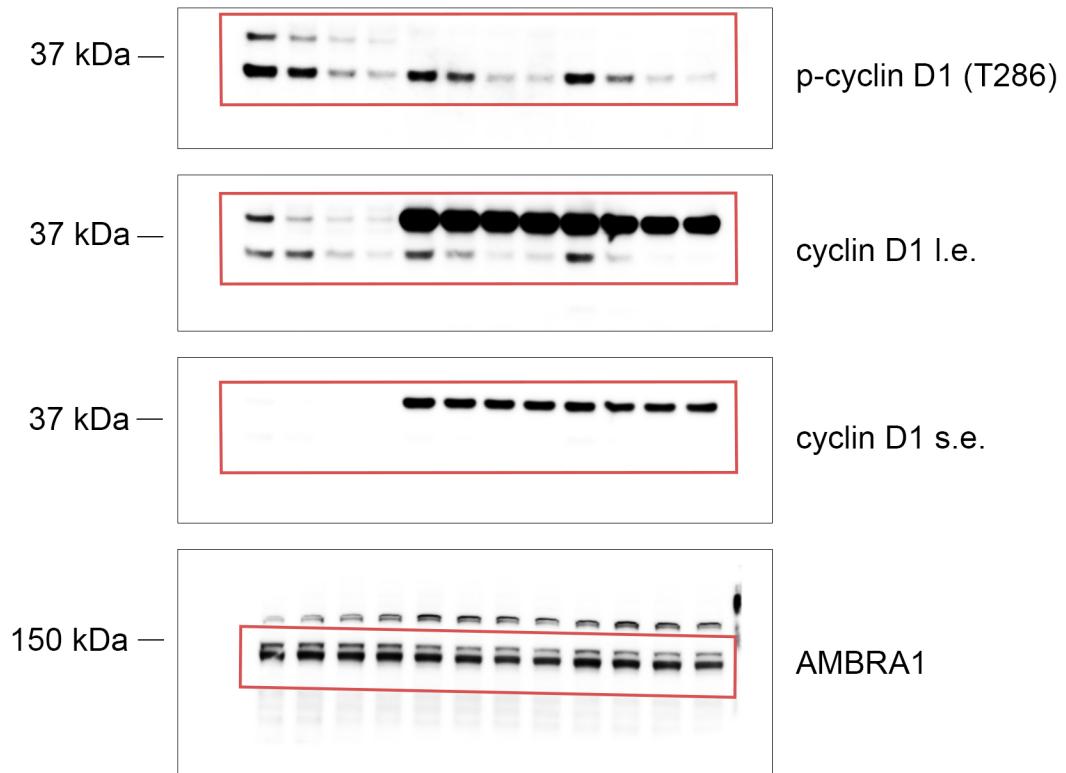
Extended Data Figure 4d



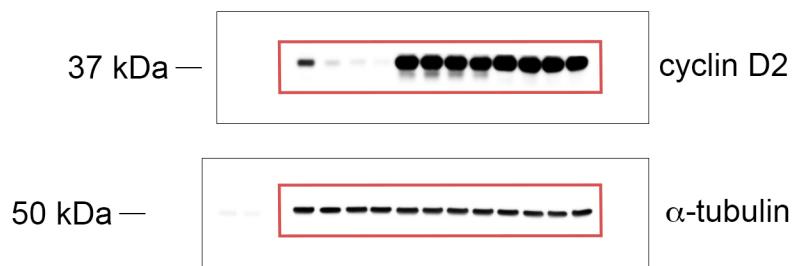
Extended Data Figure 4k



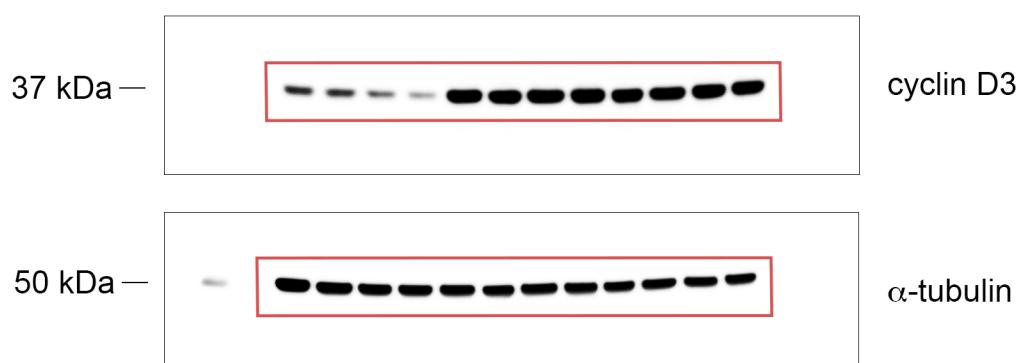
Extended Data Figure 4e



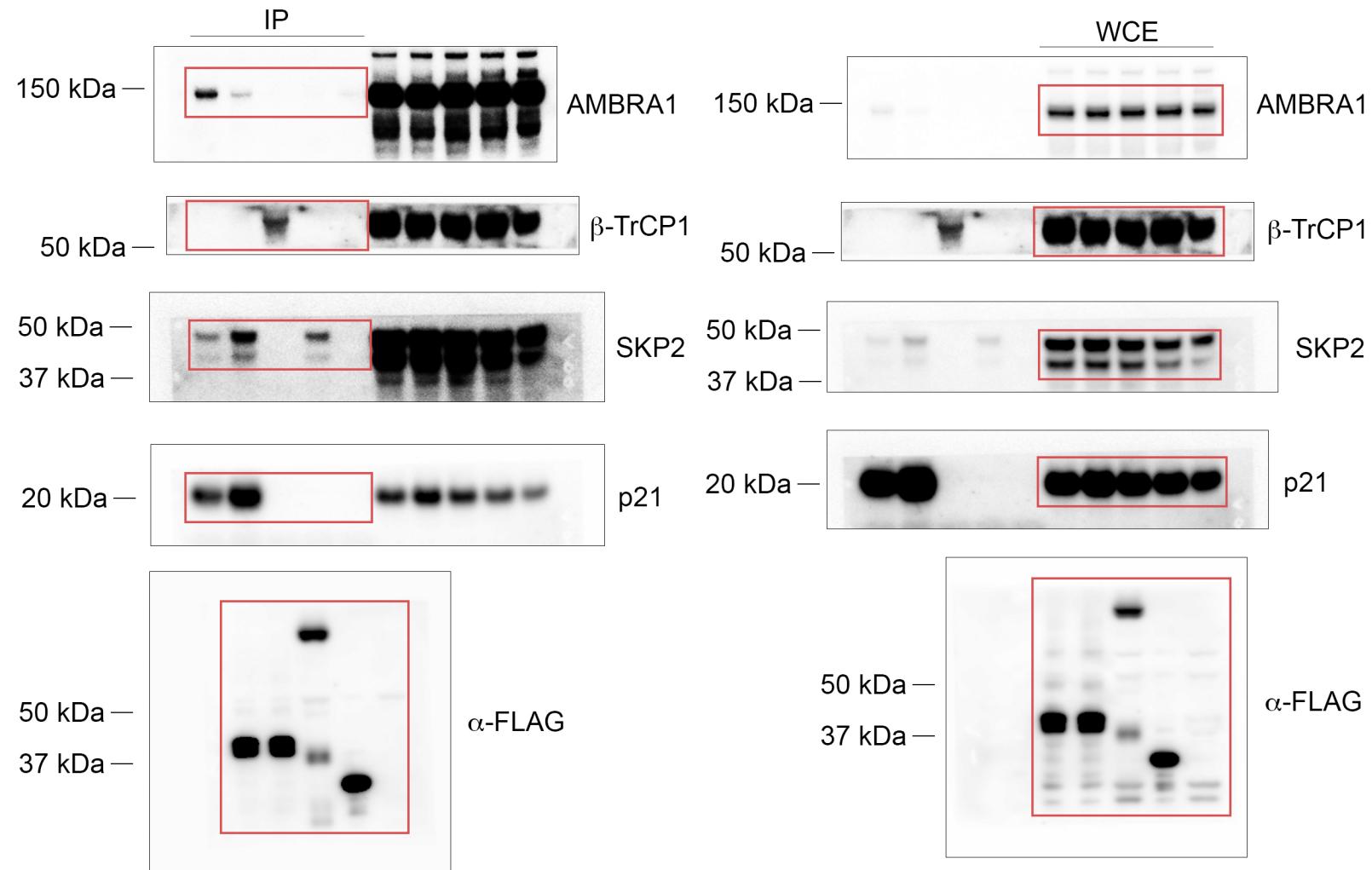
Extended Data Figure 4f



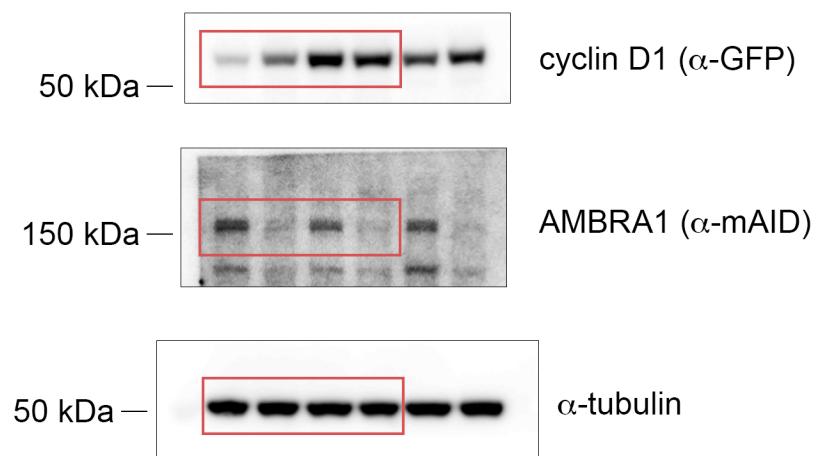
Extended Data Figure 4g



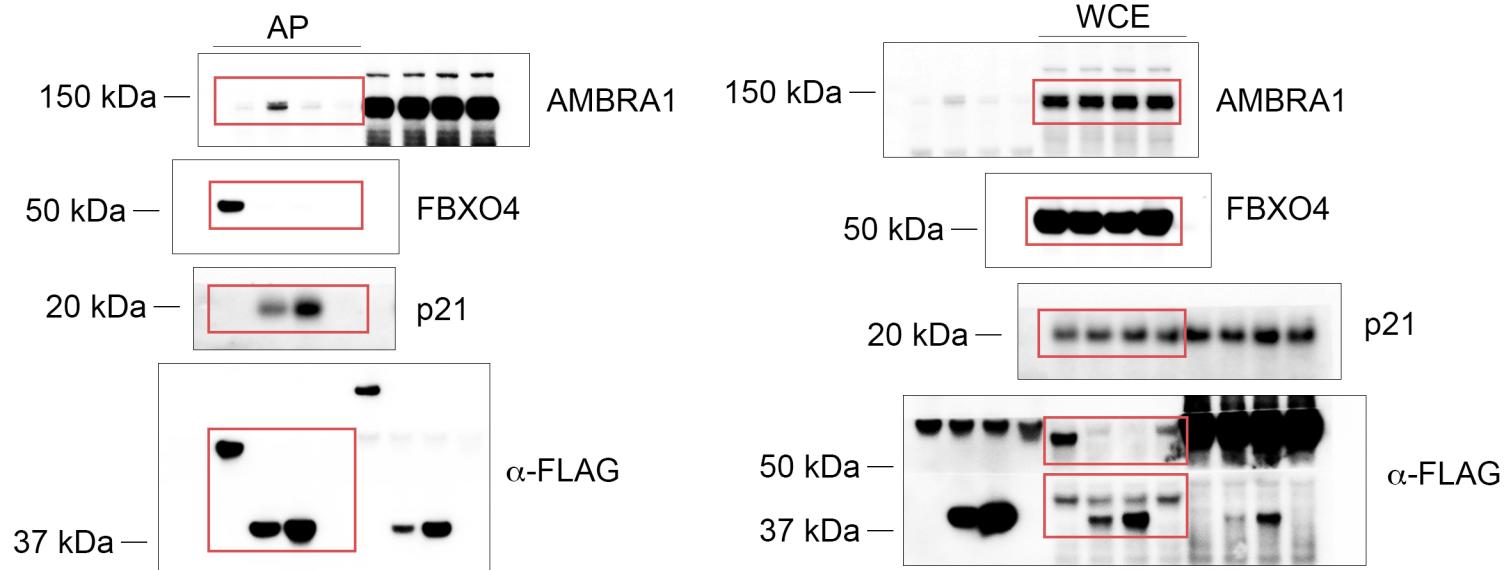
Extended Data Figure 4h



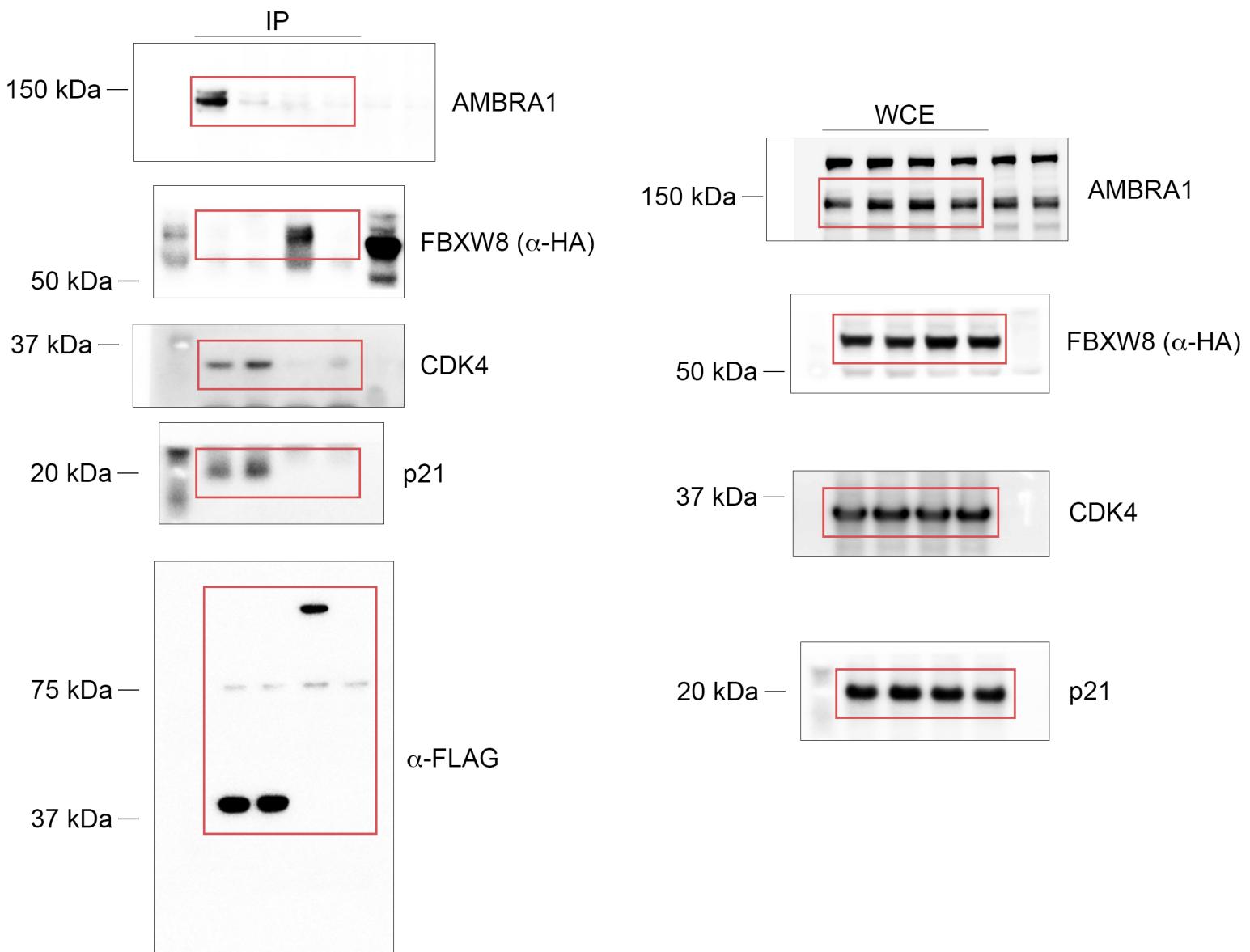
Extended Data Figure 4l



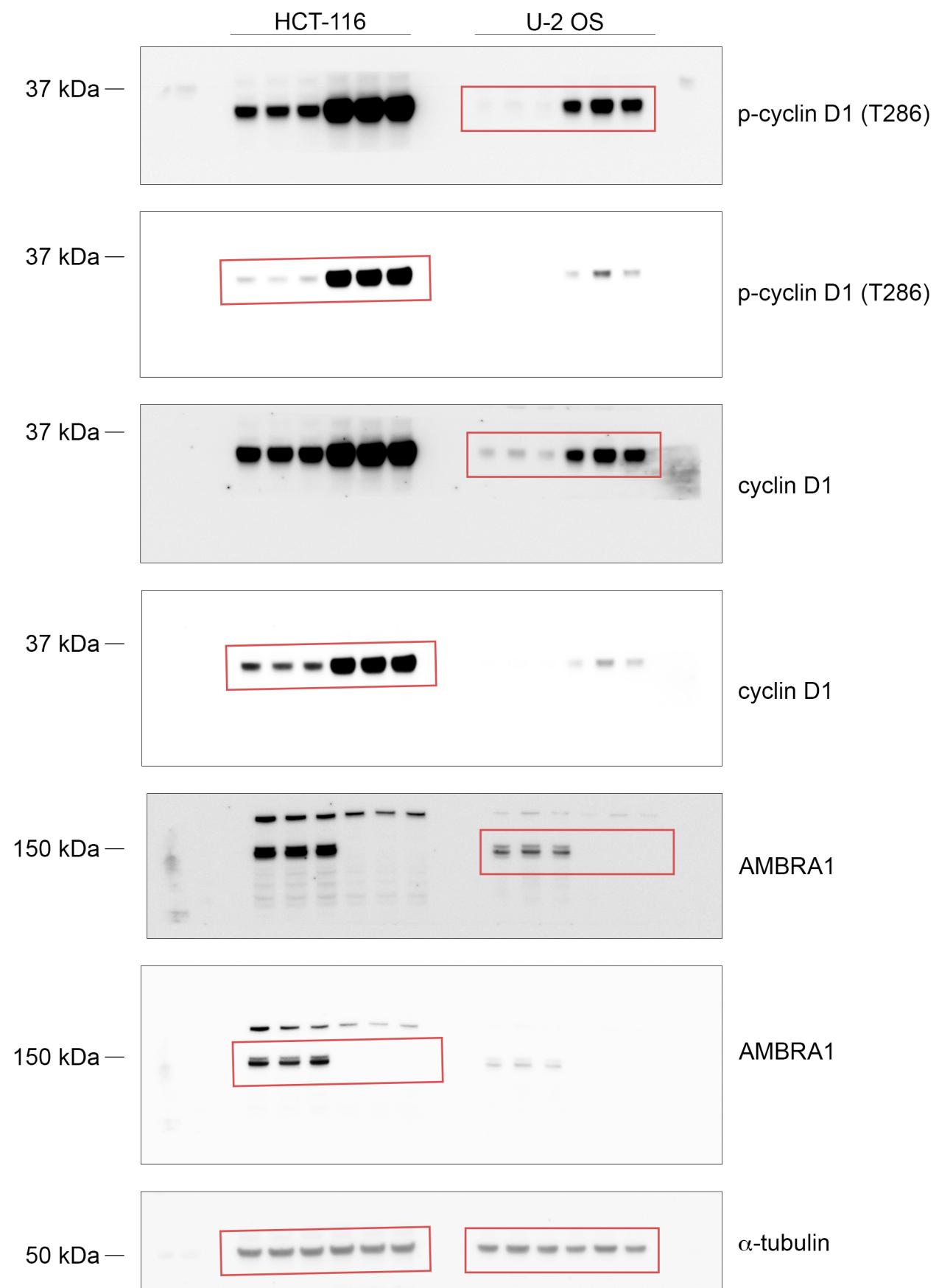
Extended Data Figure 4i



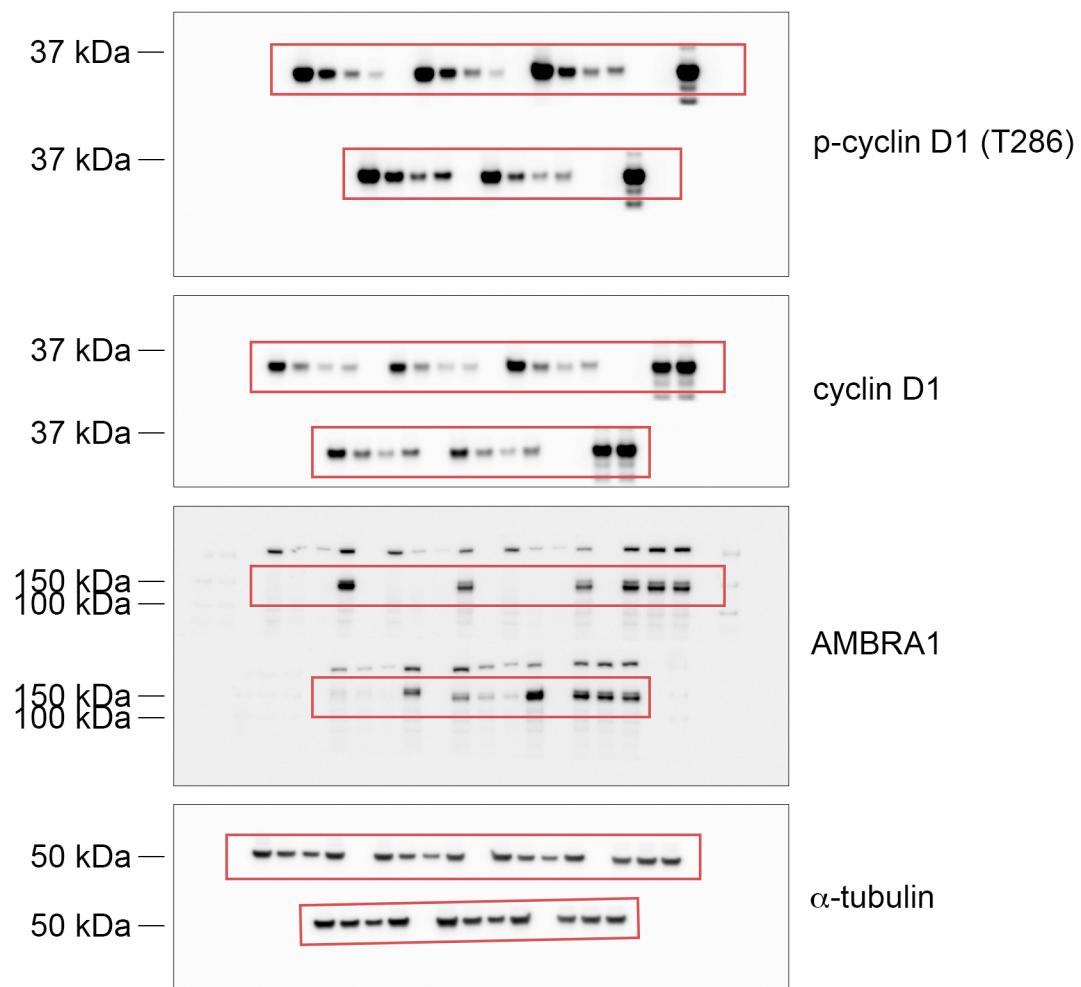
Extended Data Figure 4j



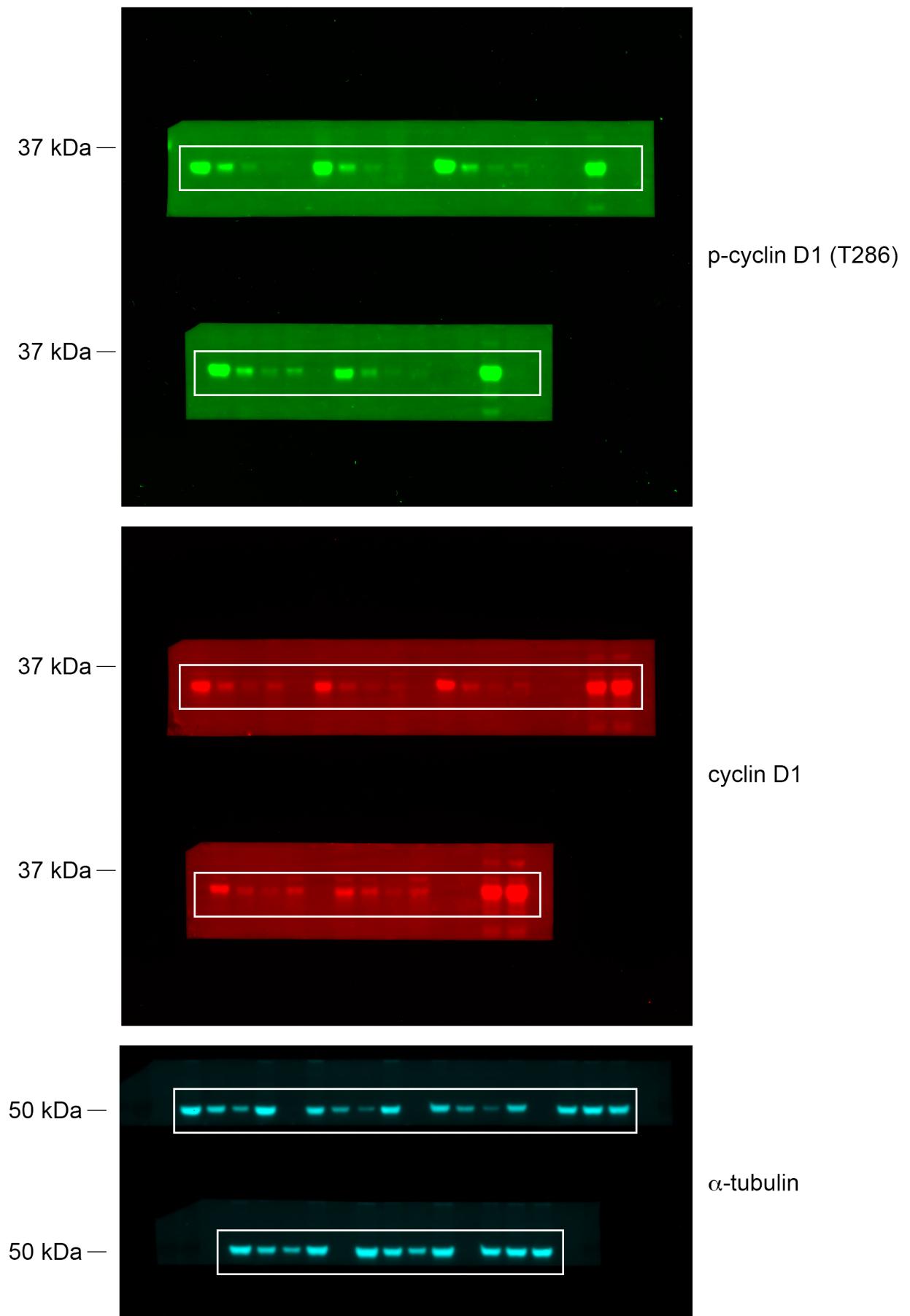
Extended Data Figure 4m



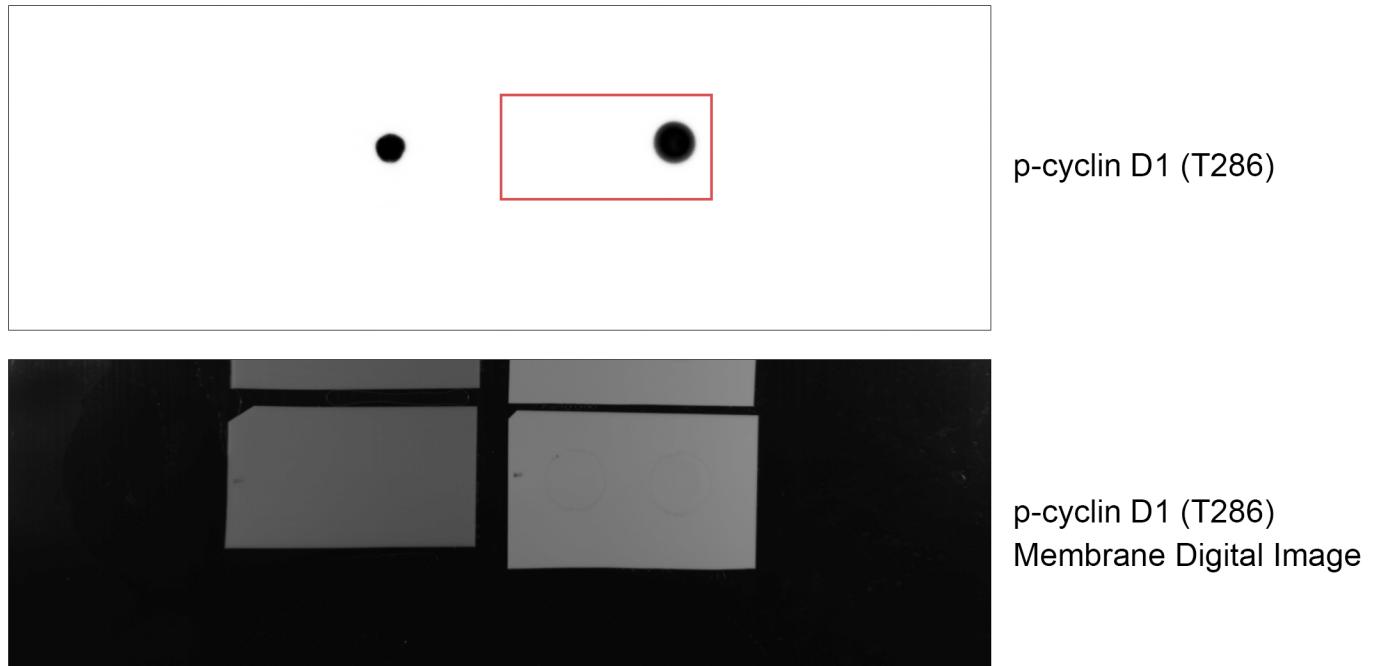
Extended Data Figure 4n



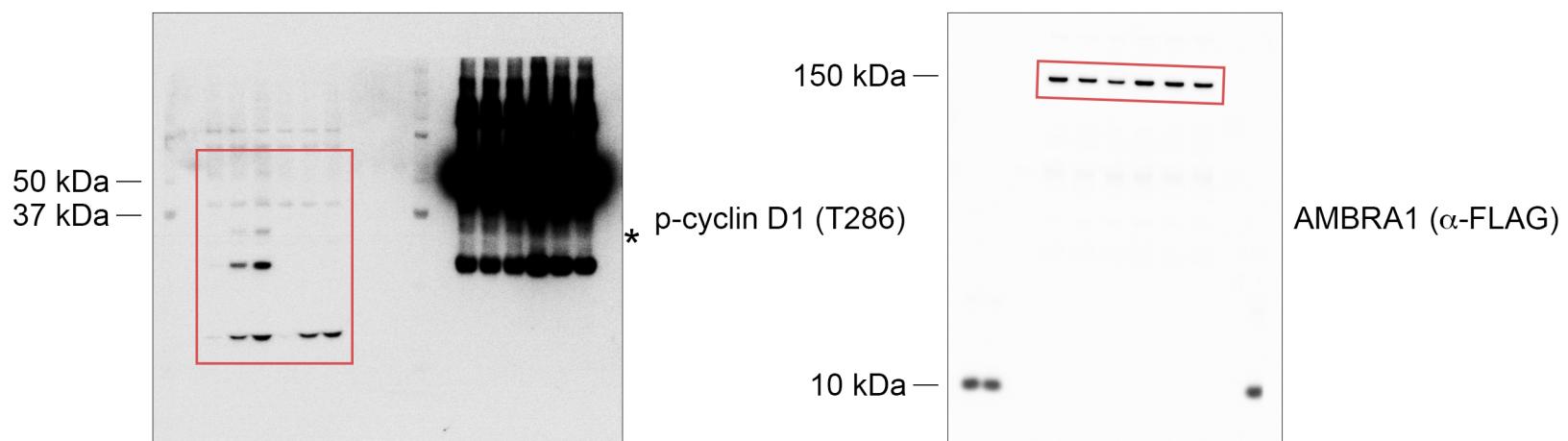
Extended Data Figure 4n - continued



Extended Data Figure 4p

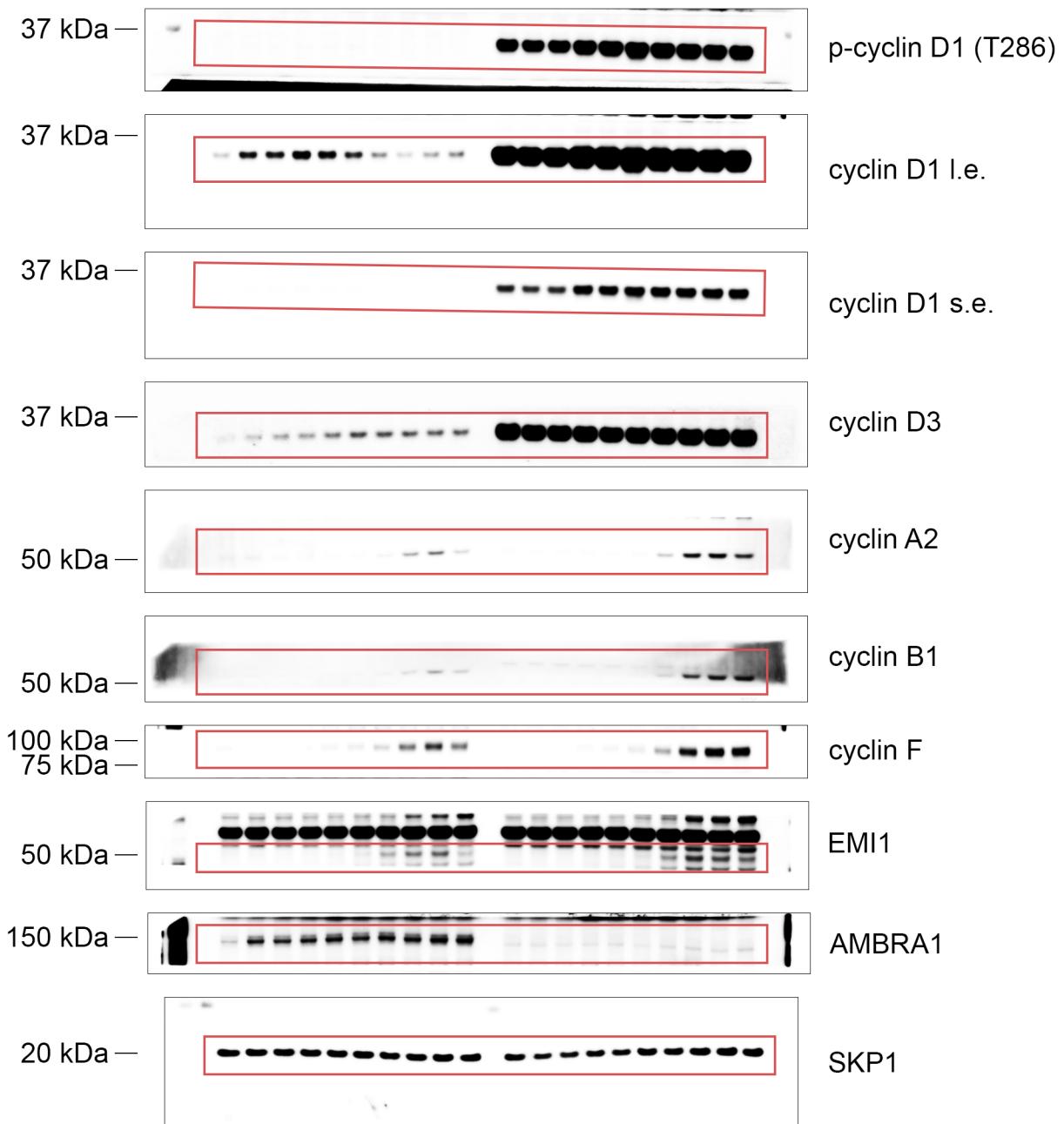


Extended Data Figure 4q

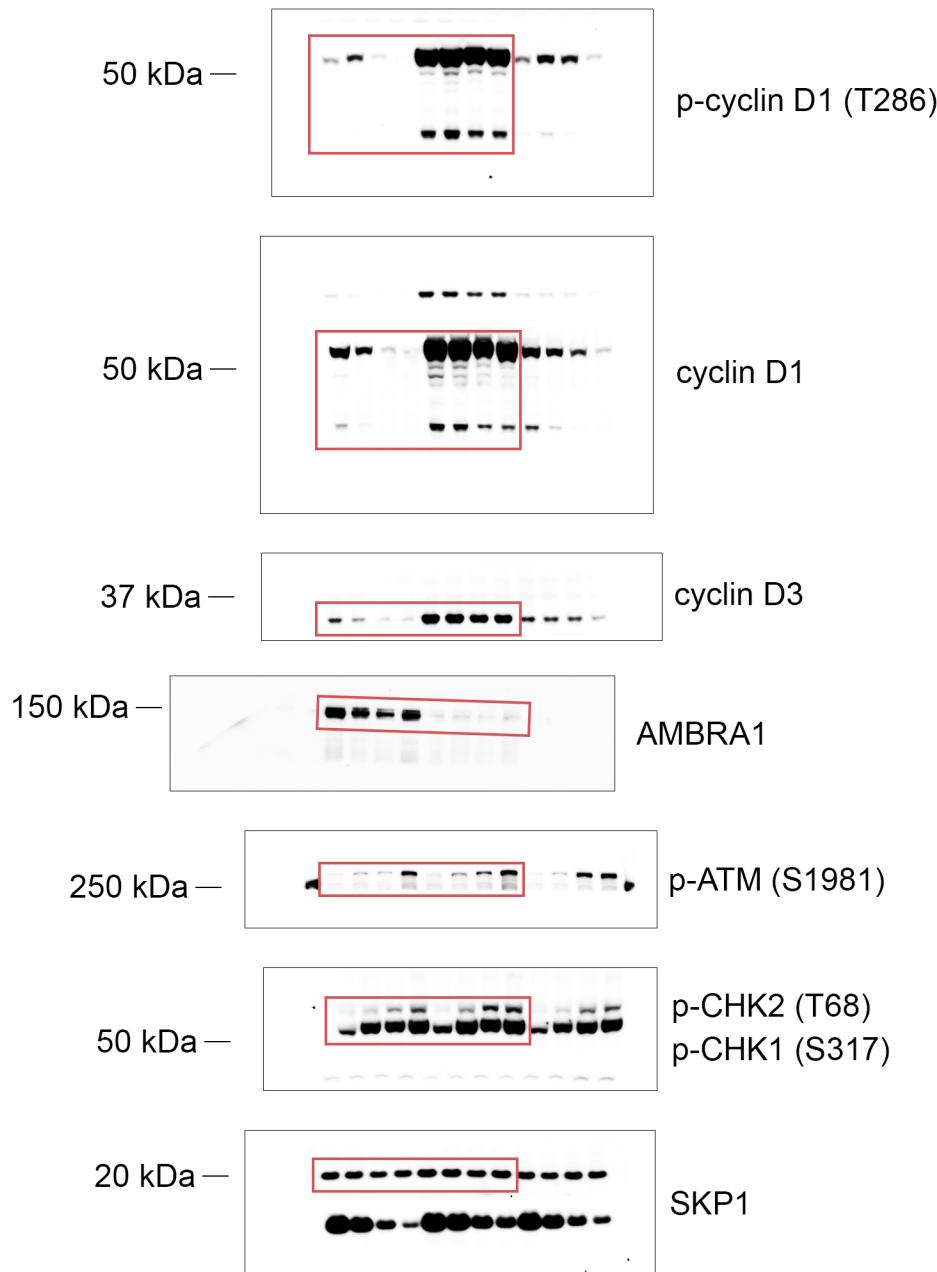


* Indicates a row of dead pixels from the CCD camera of the chemiluminescent imager

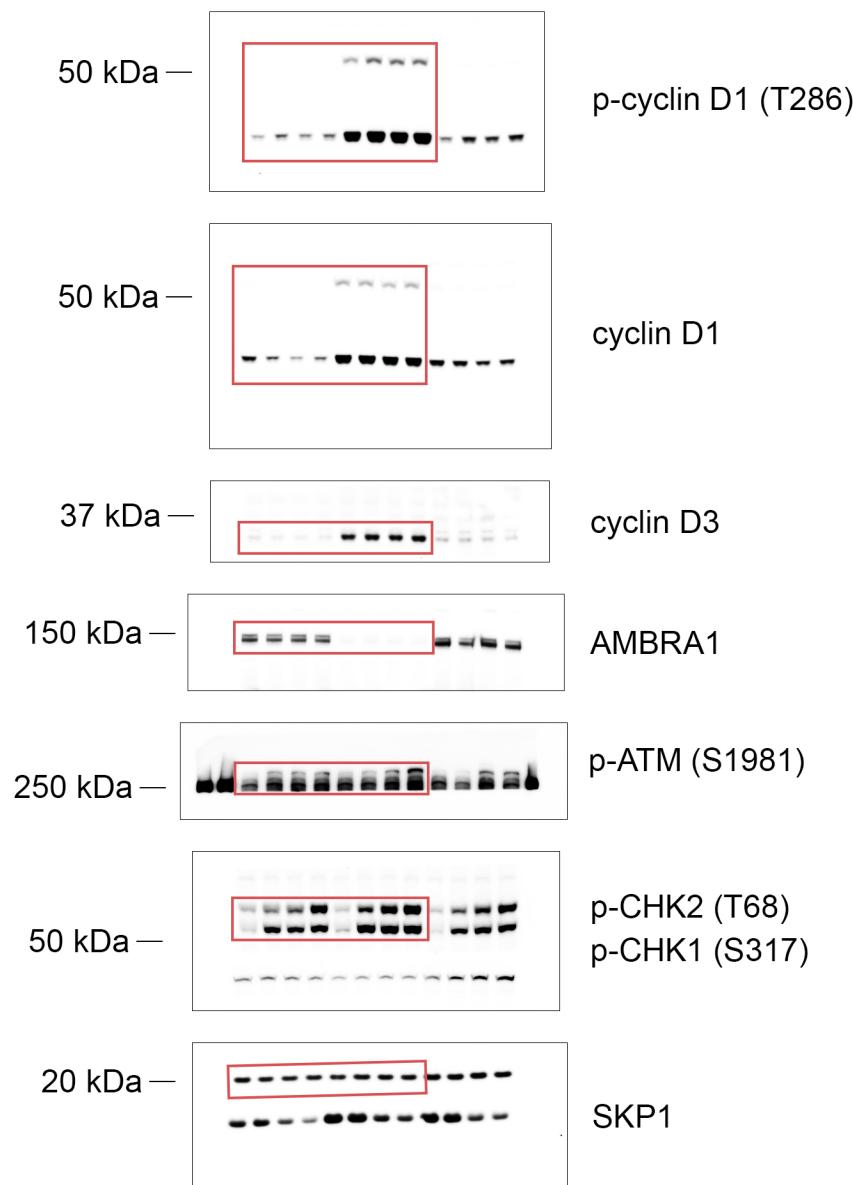
Extended Data Figure 5b



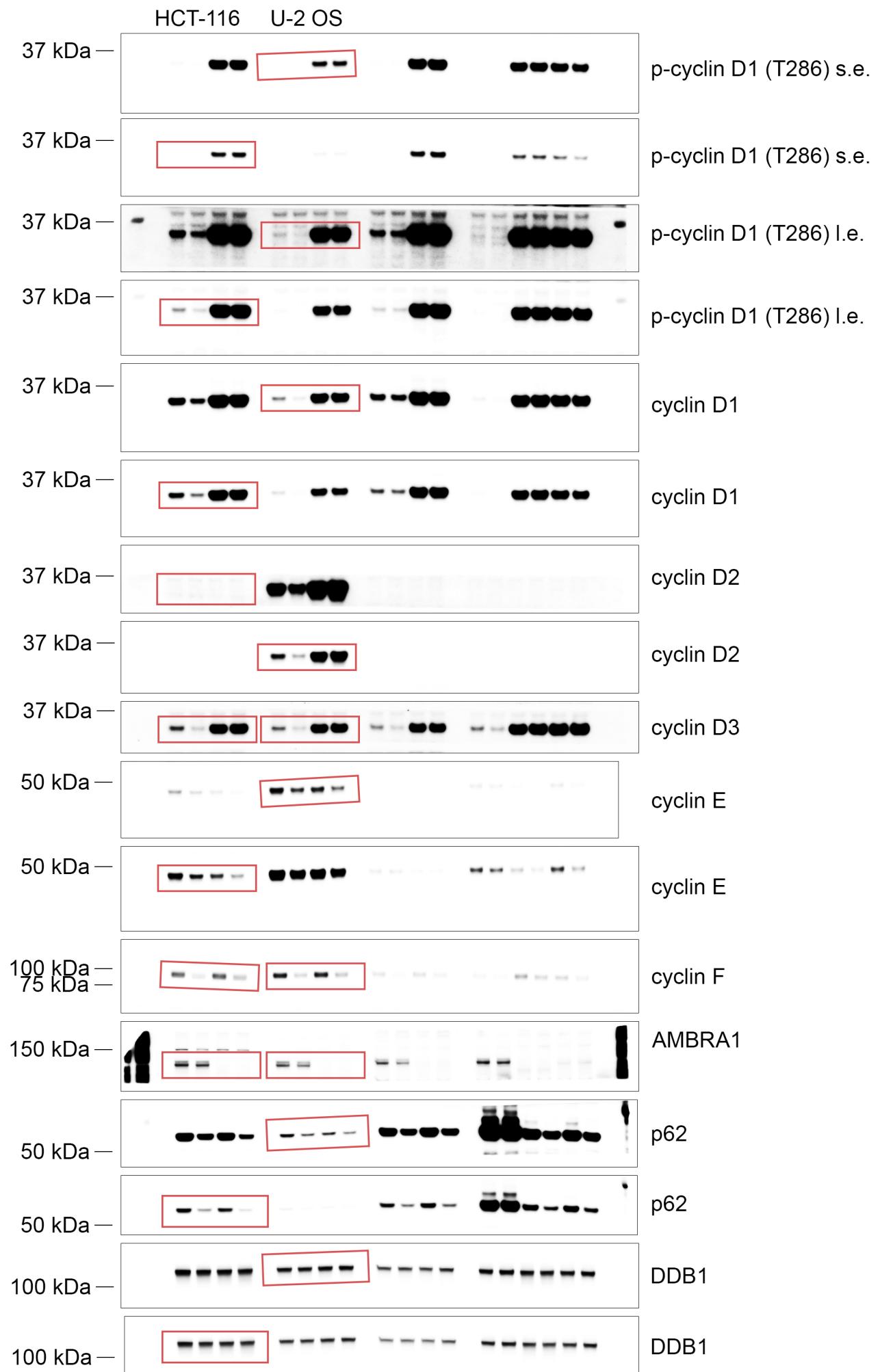
Extended Data Figure 5e



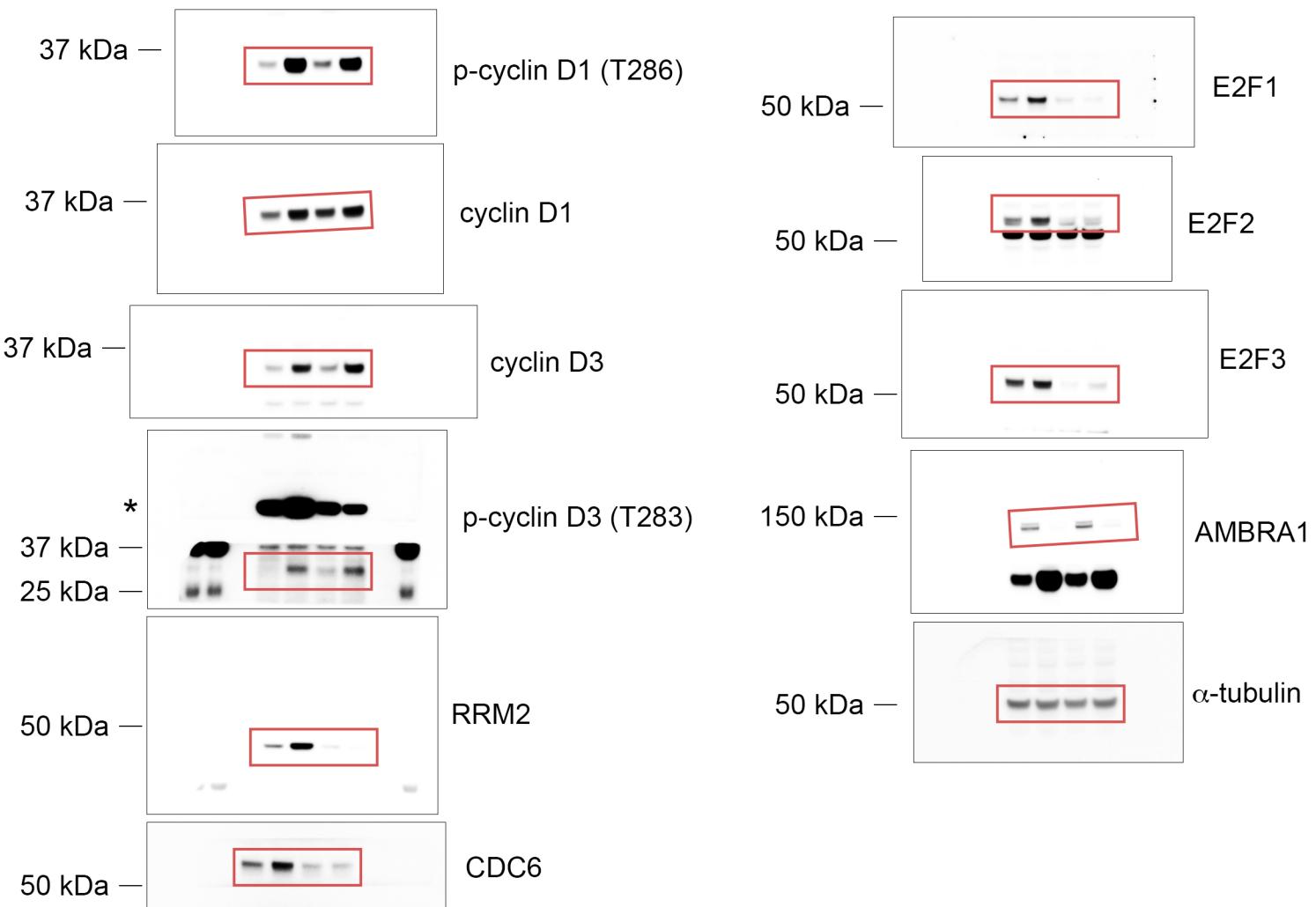
Extended Data Figure 5f



Extended Data Figure 5g

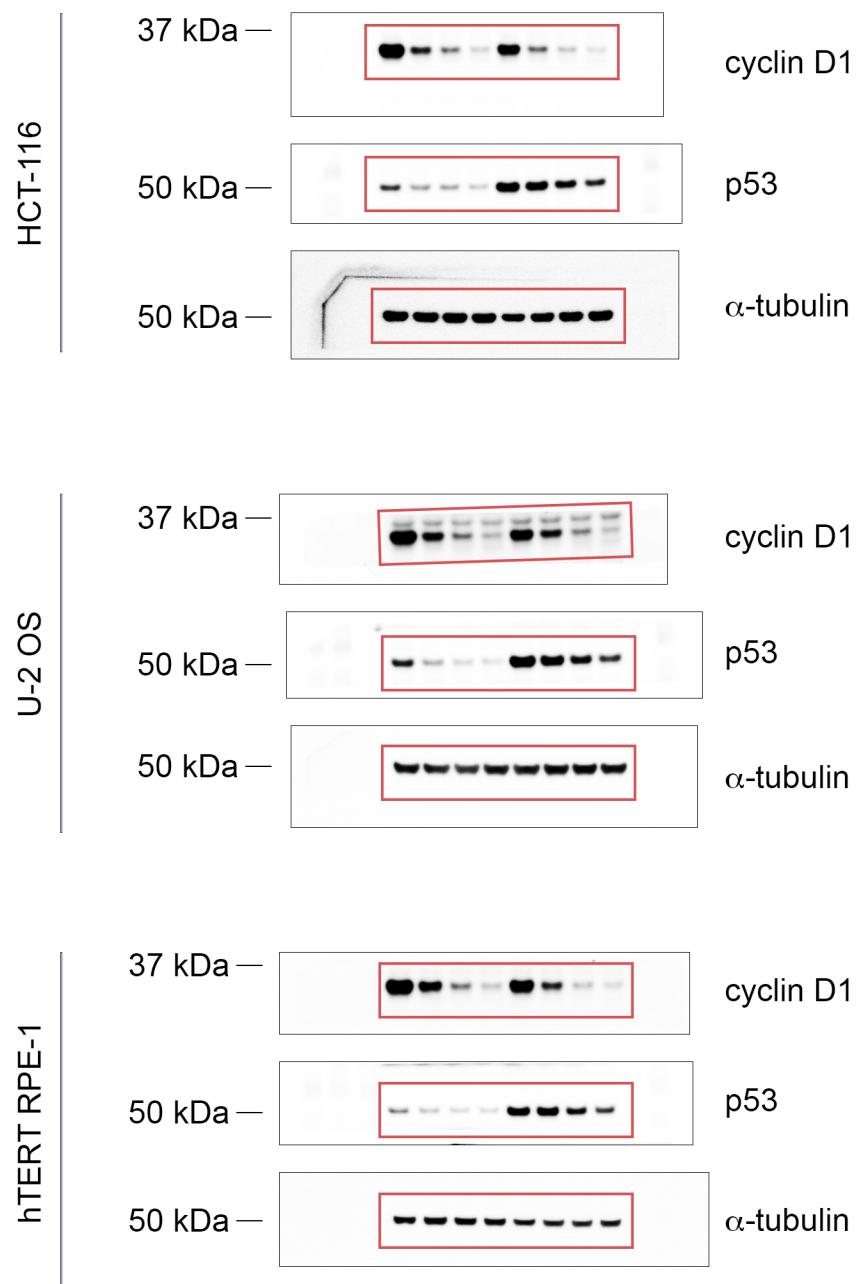


Extended Data Figure 5h



* Indicates a row of dead pixels from the CCD camera of the chemiluminescent imager

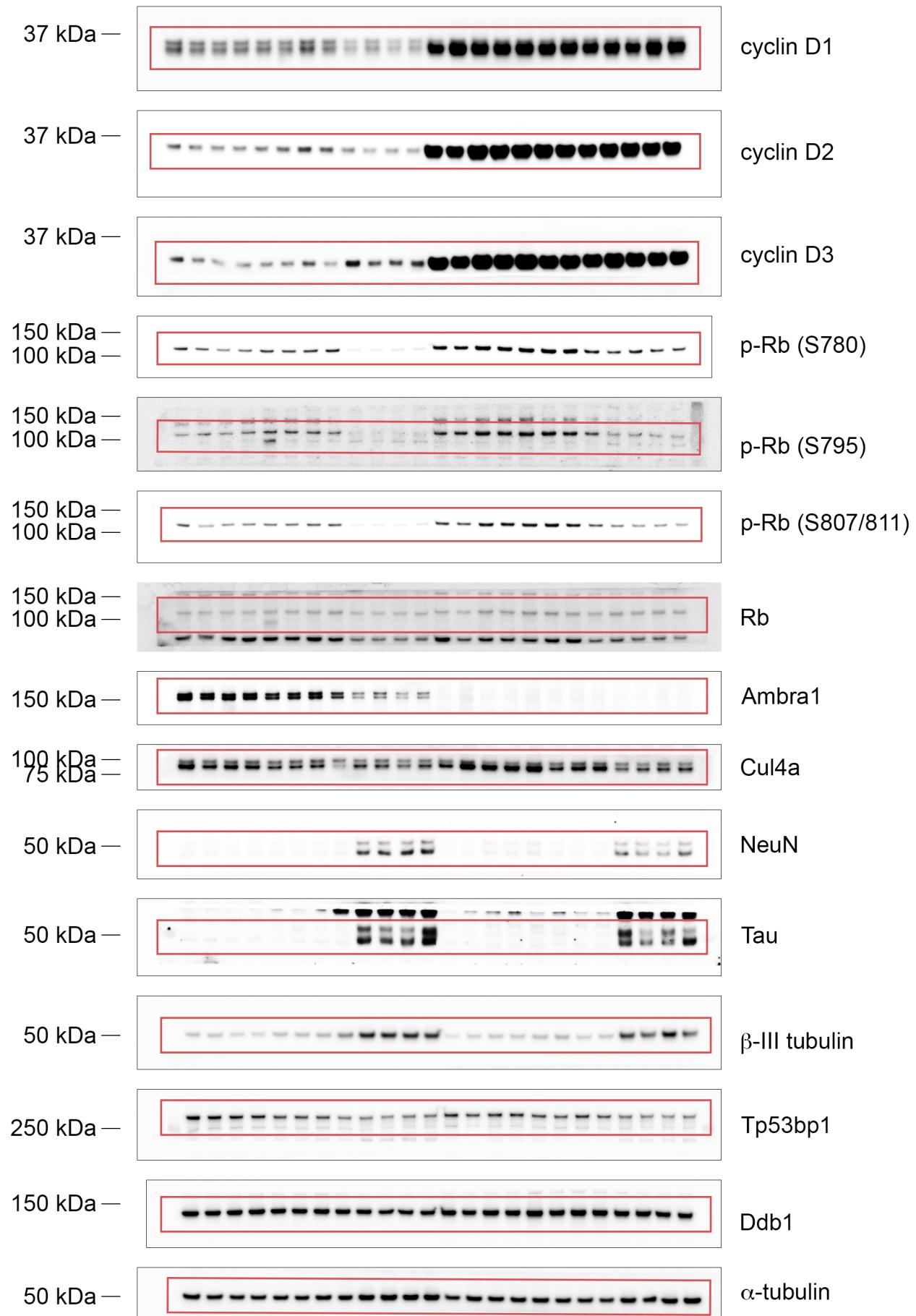
Extended Data Figure 5k



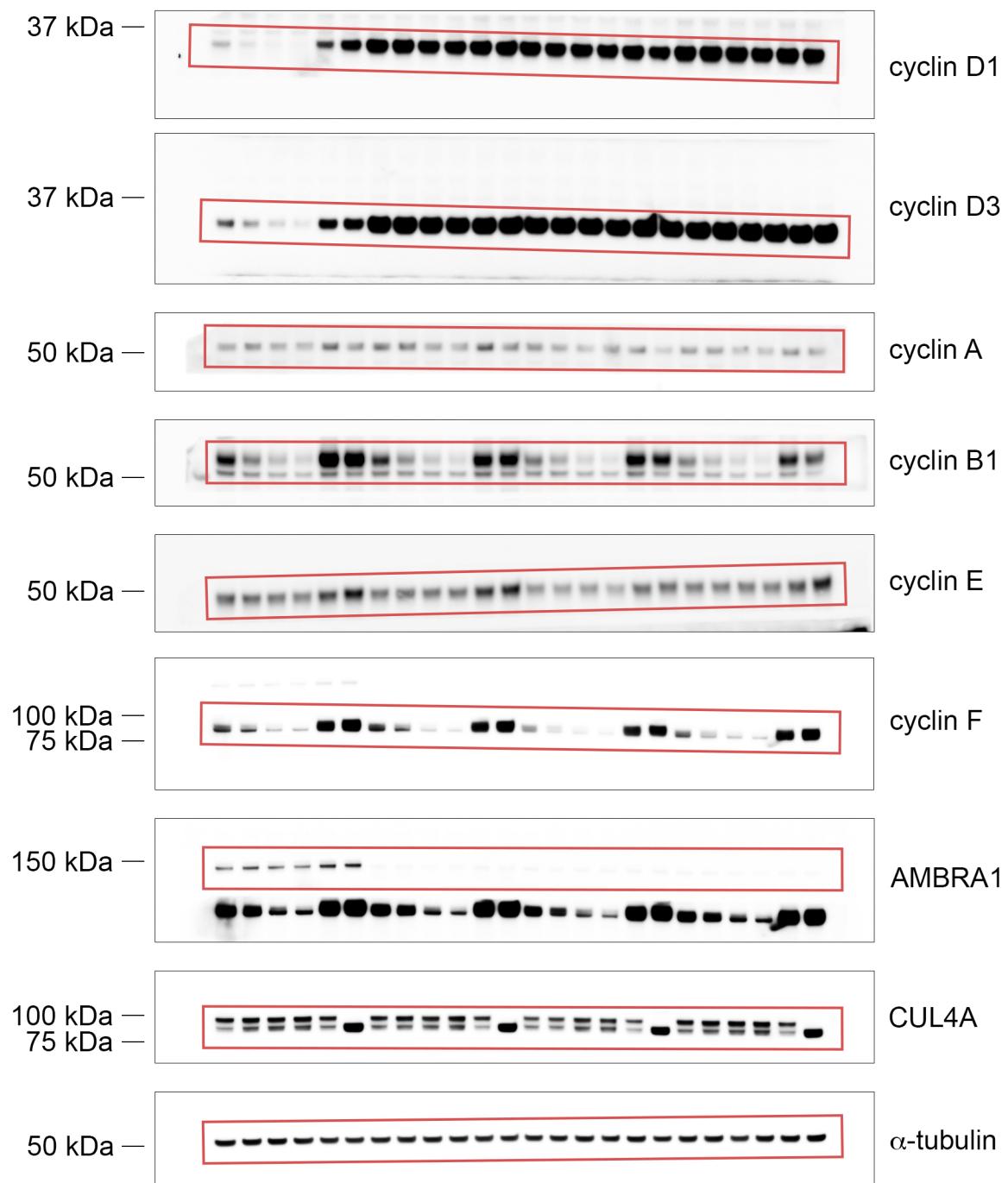
Extended Data Figure 5I



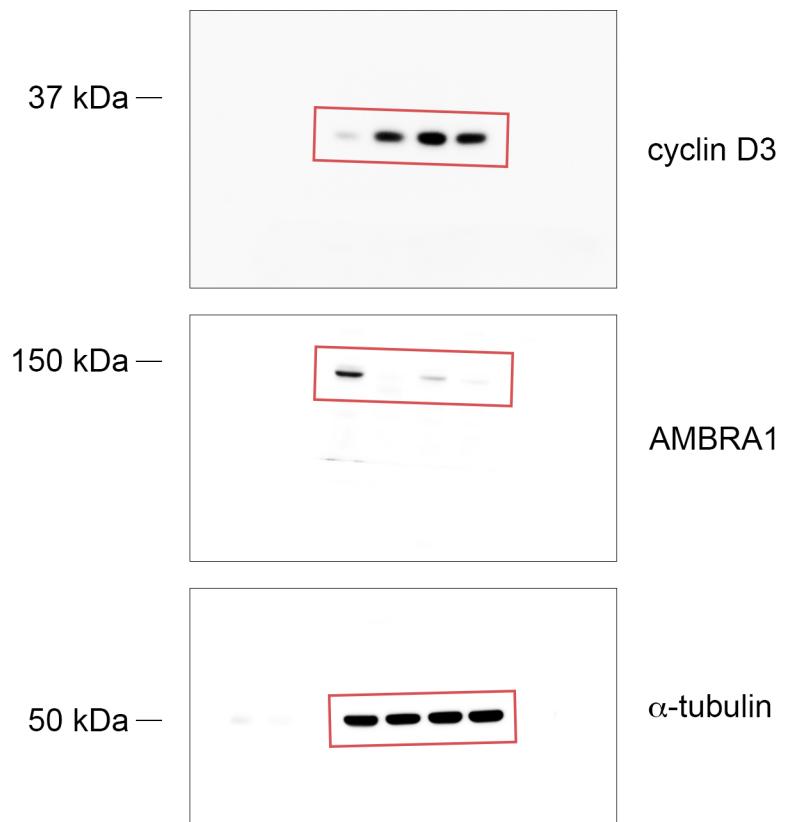
Extended Data Figure 6k



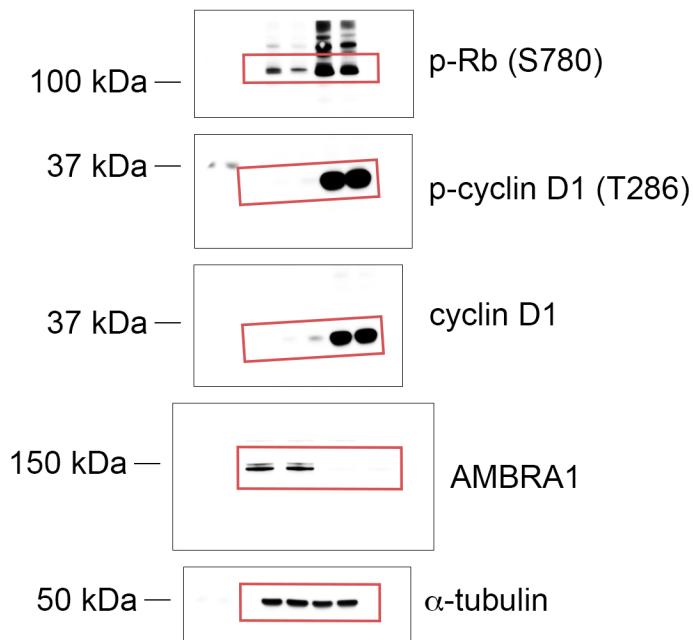
Extended Data Figure 10h



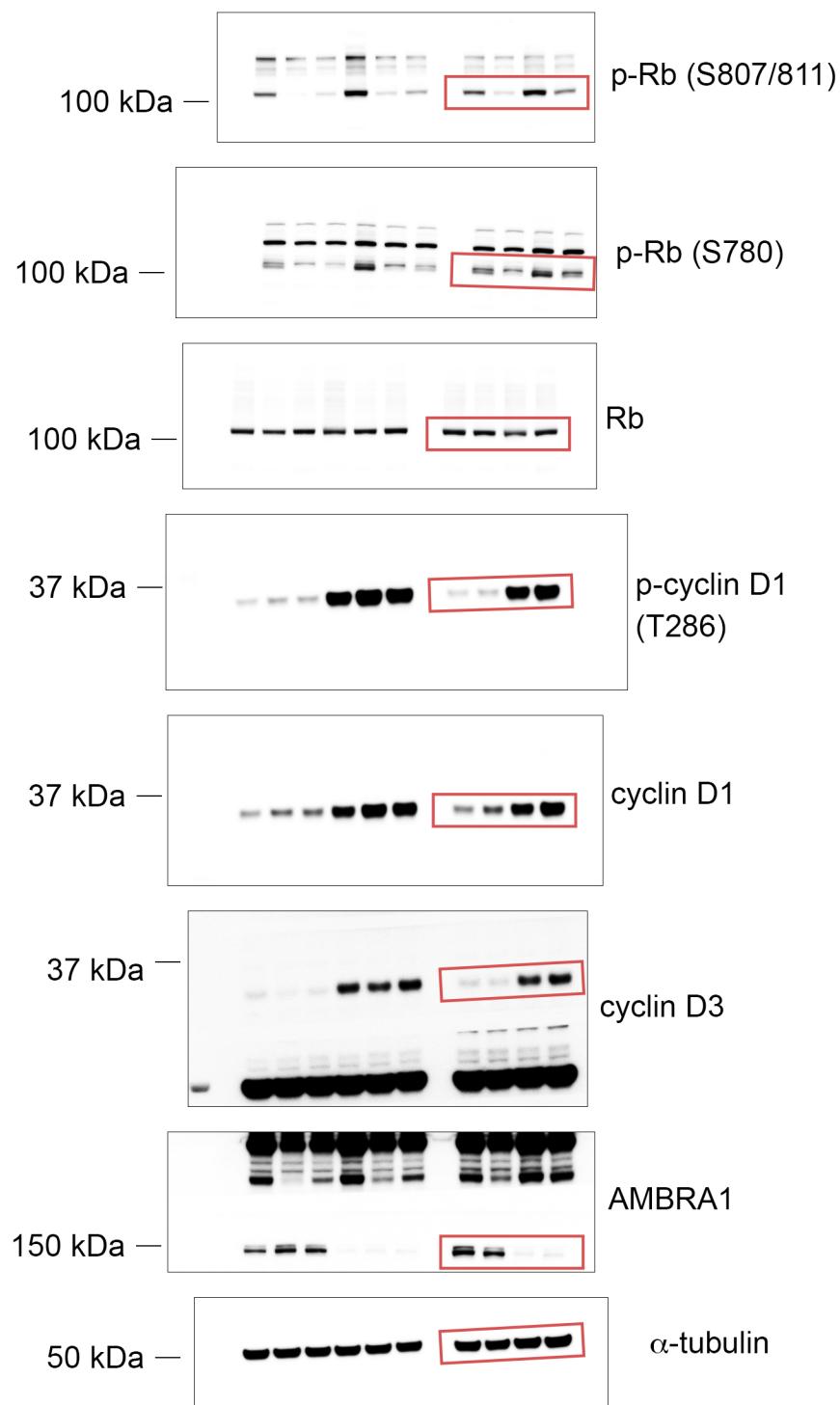
Extended Data Figure 10k



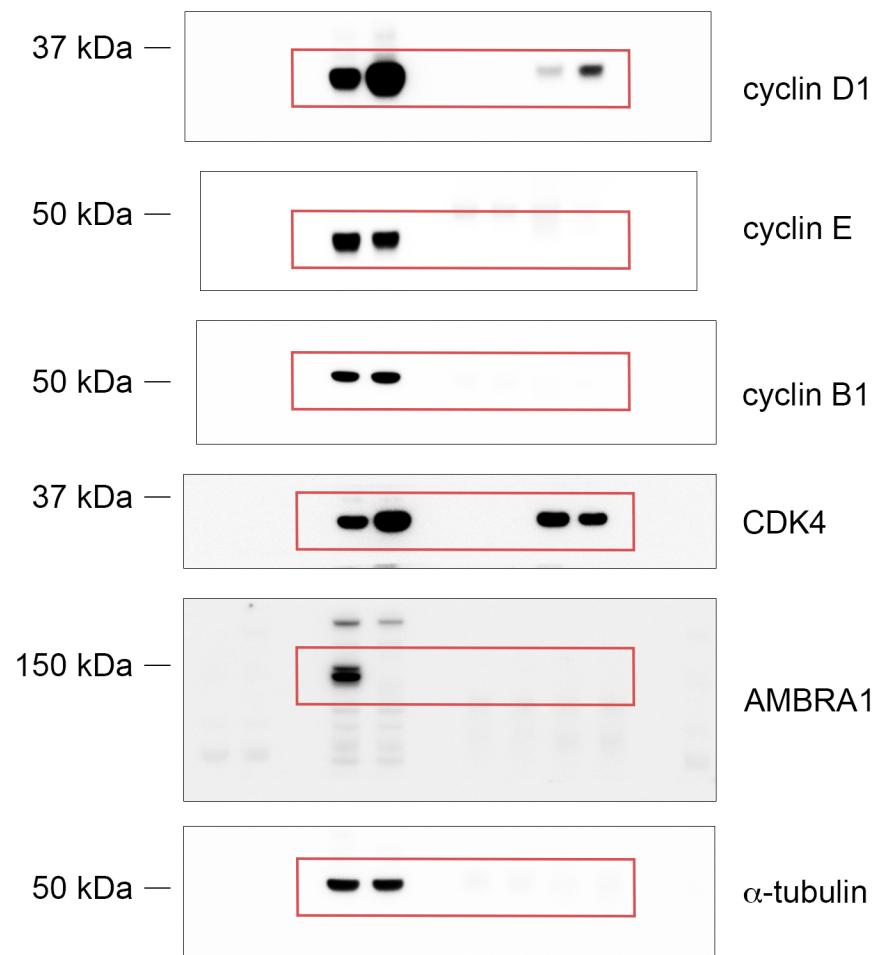
Extended Data Figure 11d



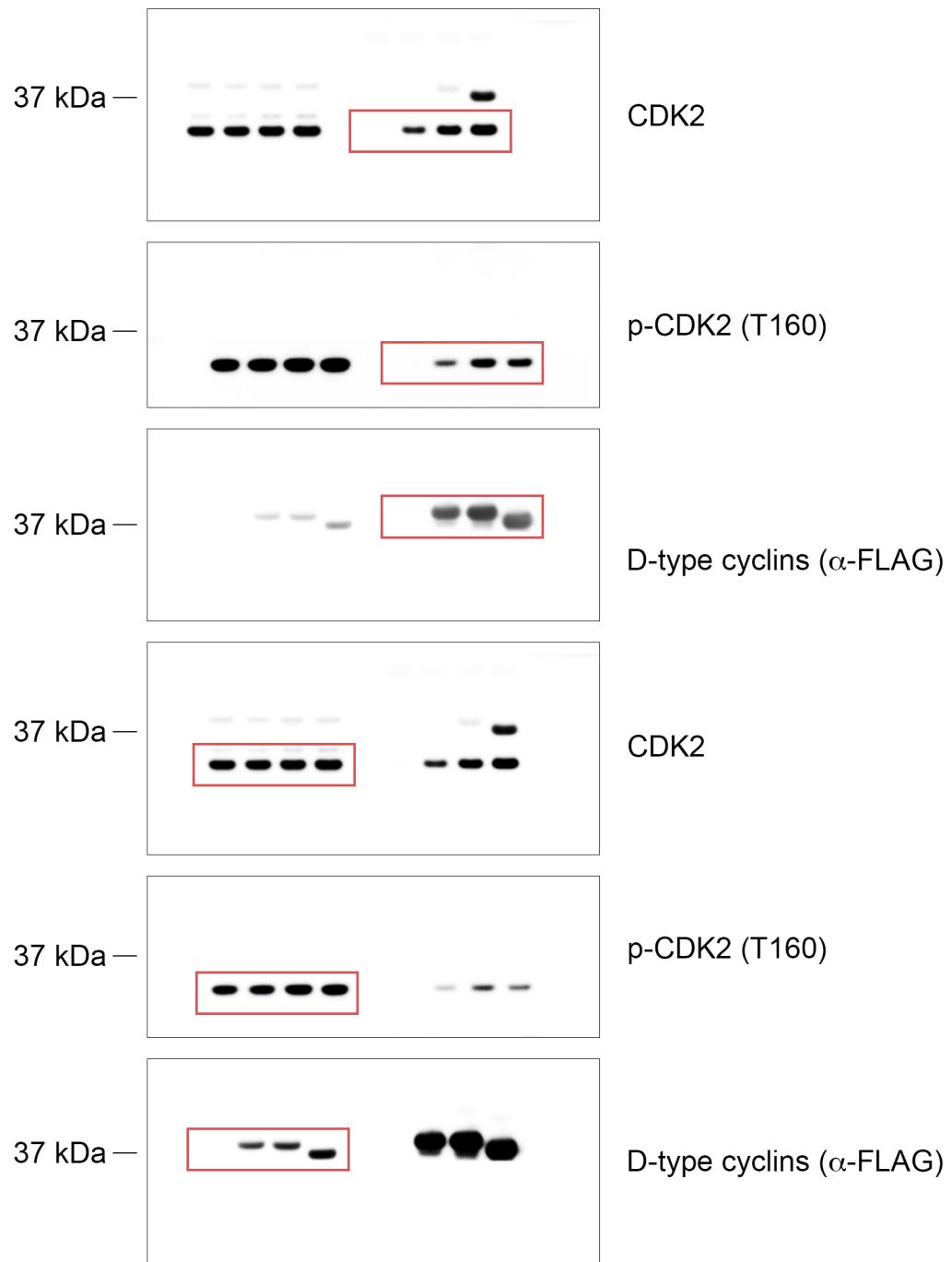
Extended Data Figure 11e



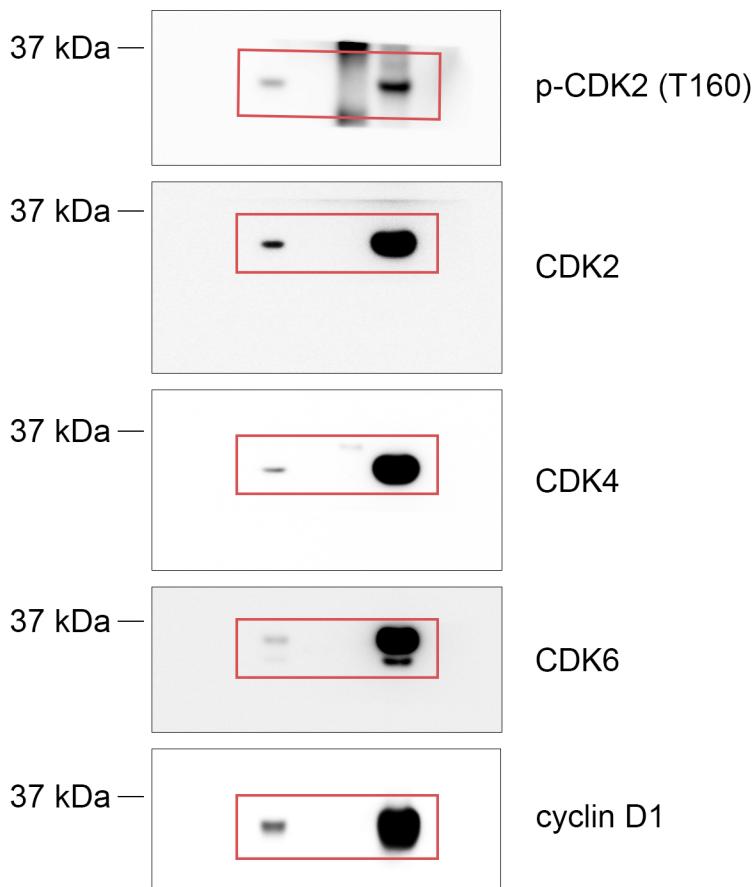
Extended Data Figure 11f



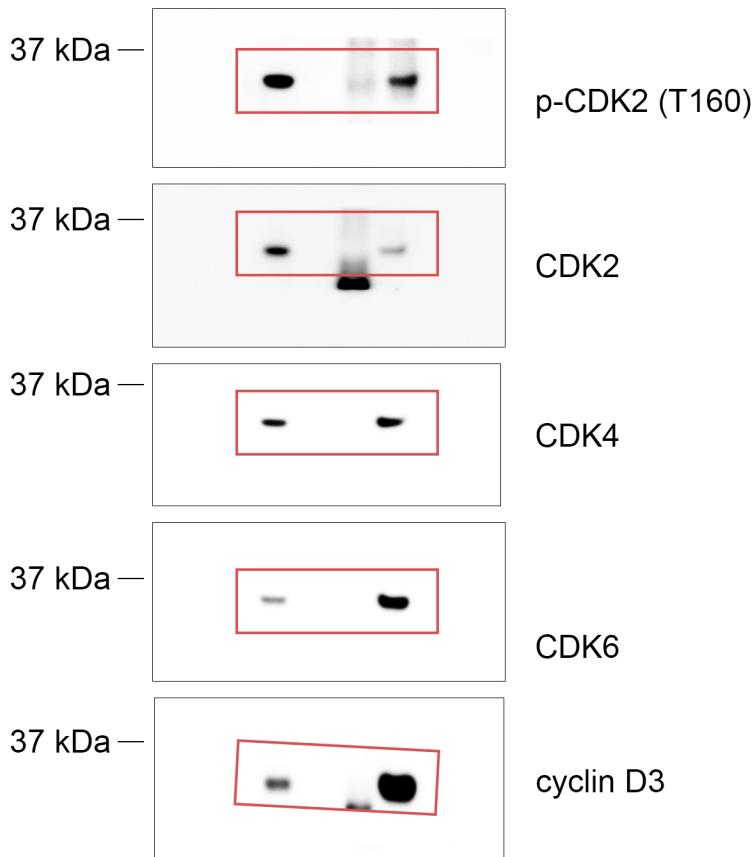
Extended Data Figure 11g



Extended Data Figure 11h



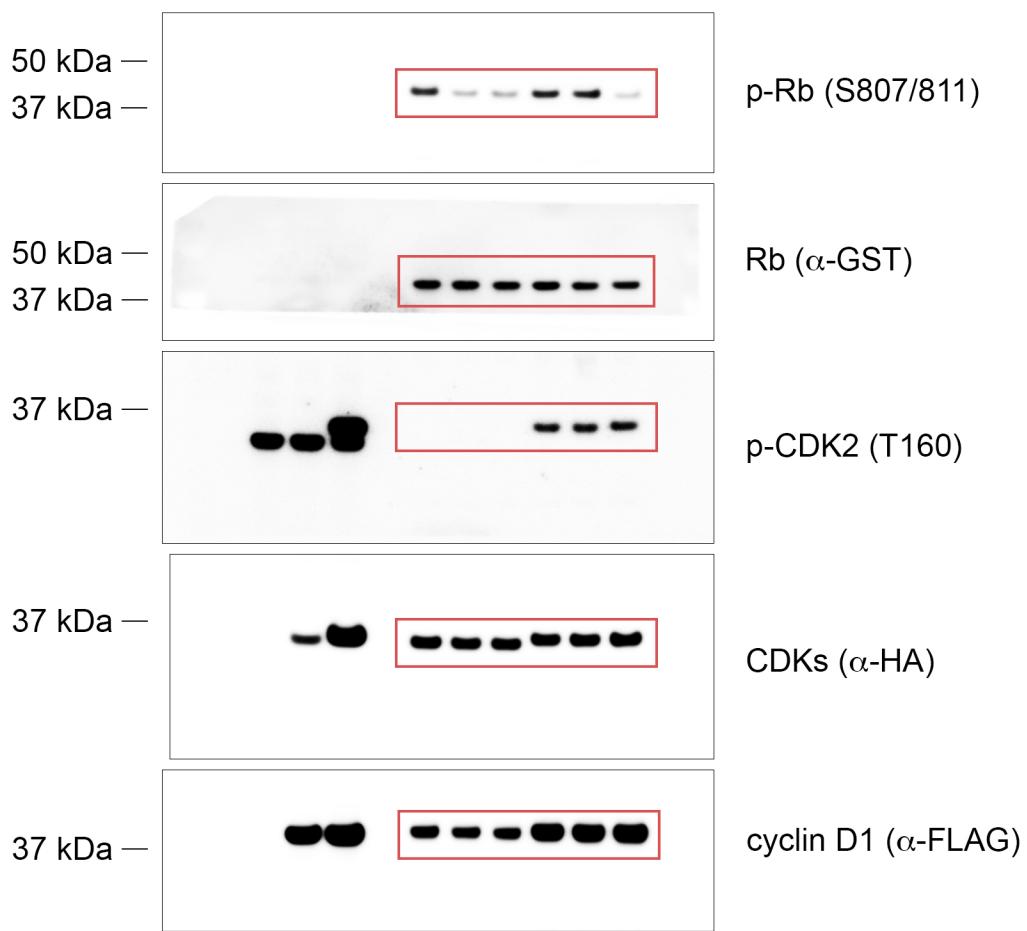
Extended Data Figure 11i



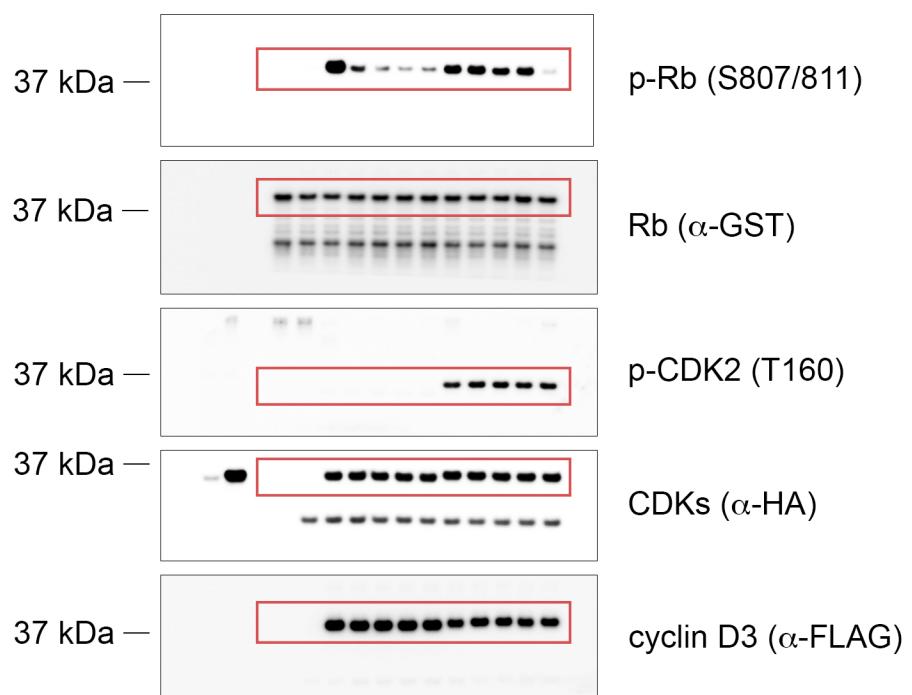
Extended Data Figure 11j - see above

Extended Data Figure 12a - see above

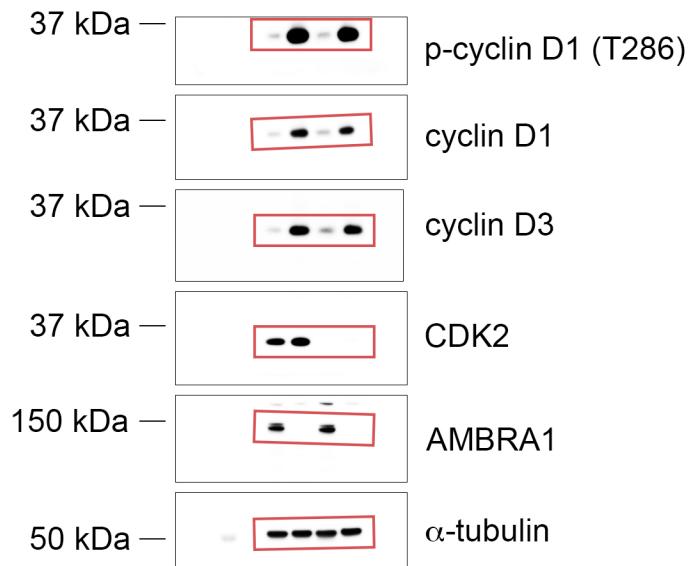
Extended Data Figure 12b



Extended Data Figure 12c



Extended Data Figure 12e



Supplementary Figure 1 This file contains the full scanned images obtained by electrophoretic separation