Supplementary Figure

Original source images for data obtained by electrophoretic separation

Fig. 1c PRSS2

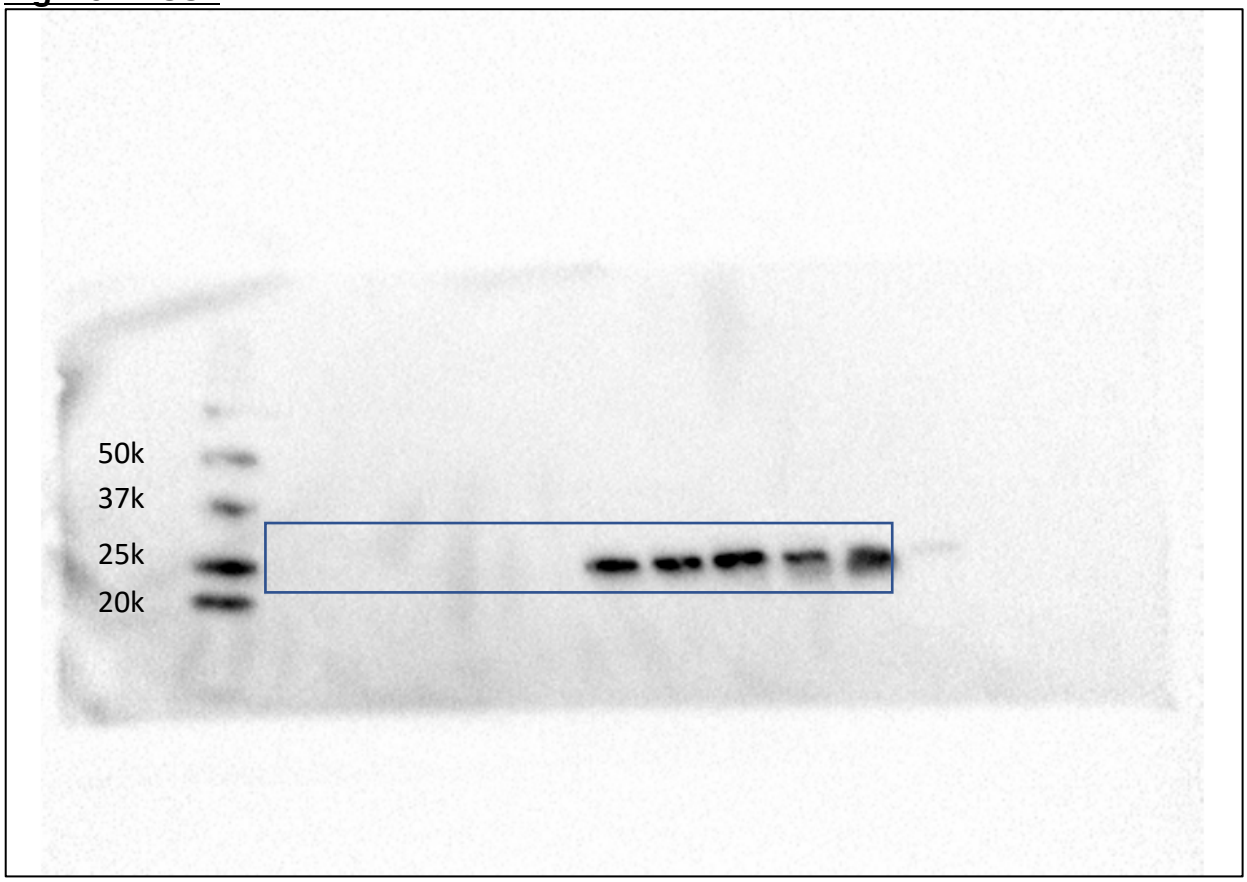


Fig. 1f HSP90 (Marker too dim to be visualized)

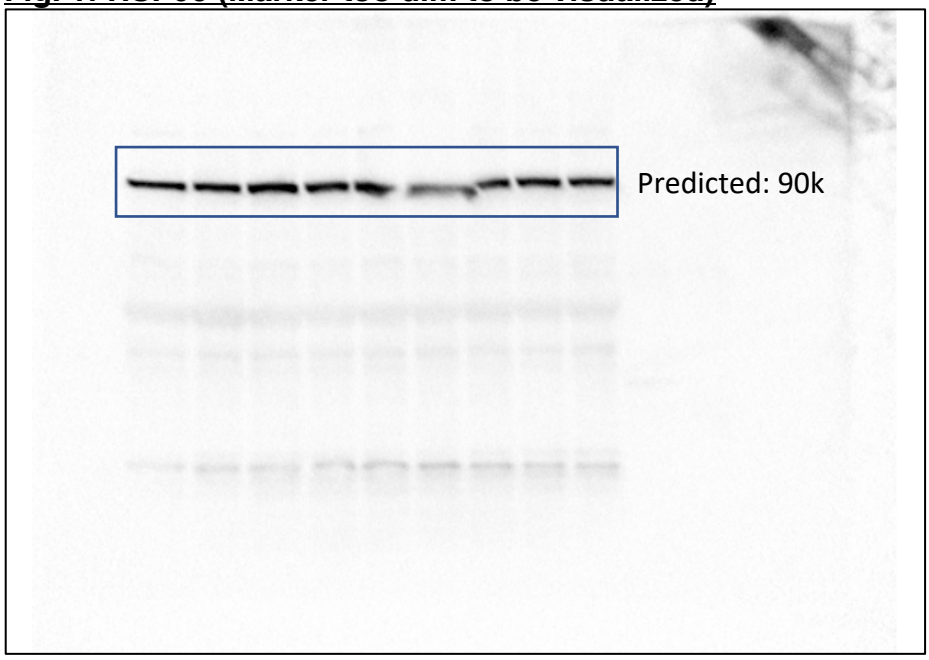


Fig. 1f PRSS2 (separate membrane) (Marker too dim to be visualized)

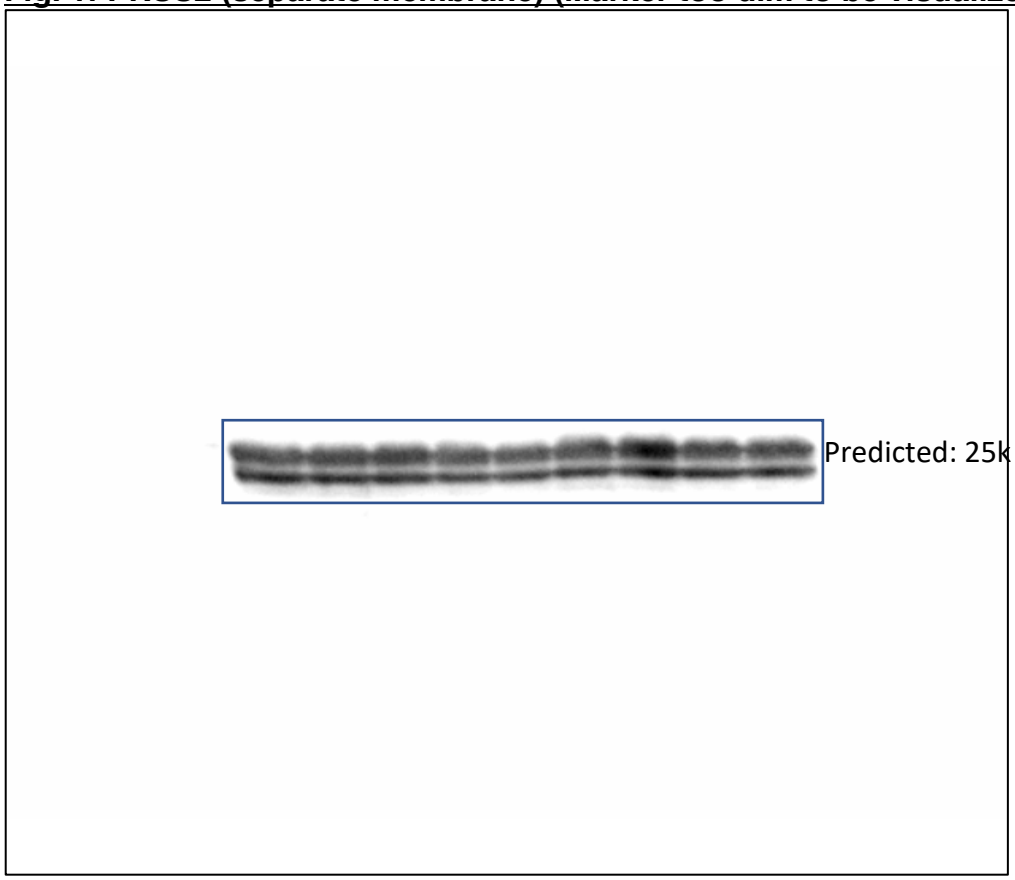


Fig 2f (rmPRSS2)

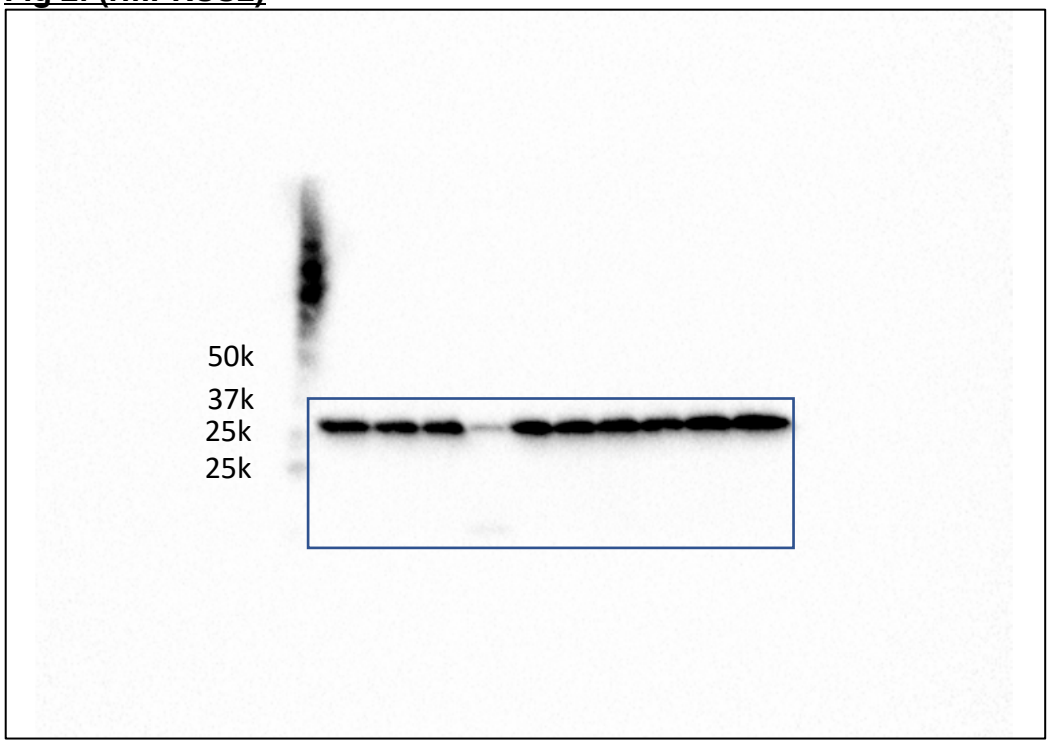


Fig 2j, Extended Data Fig 4d (rmPRSS2)

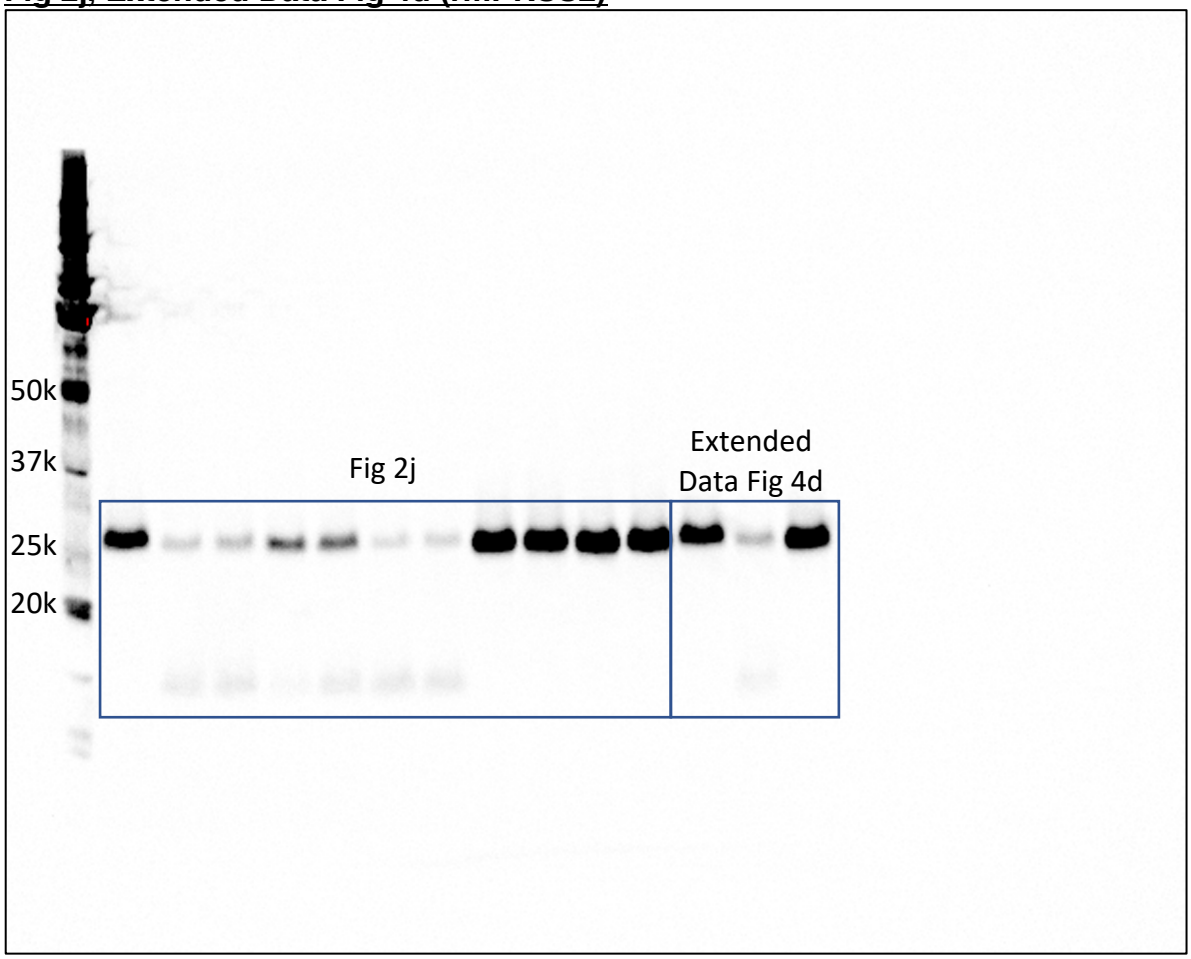


Fig 2i, hPRSS1

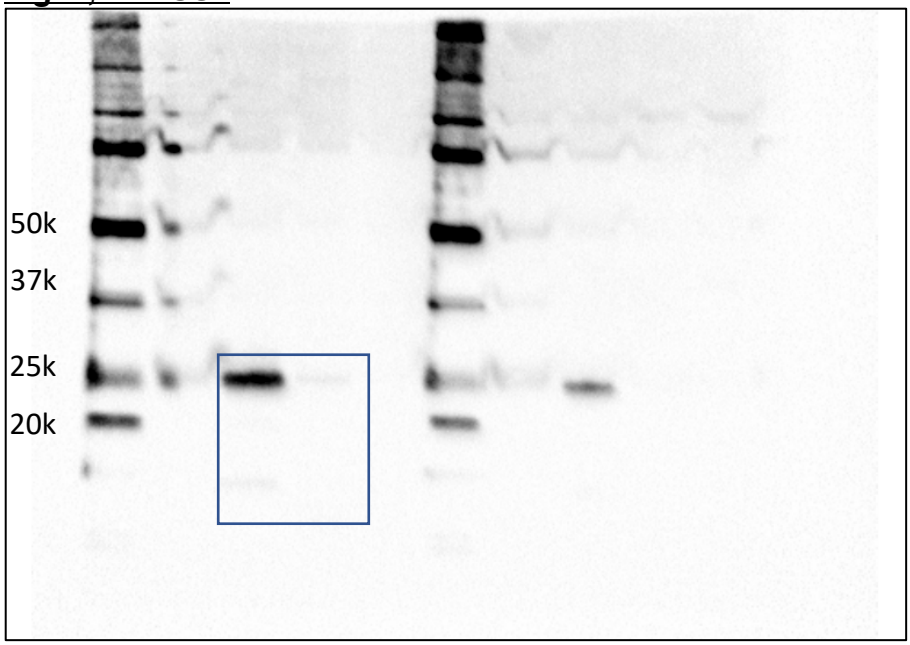


Fig 2i, hPRSS2

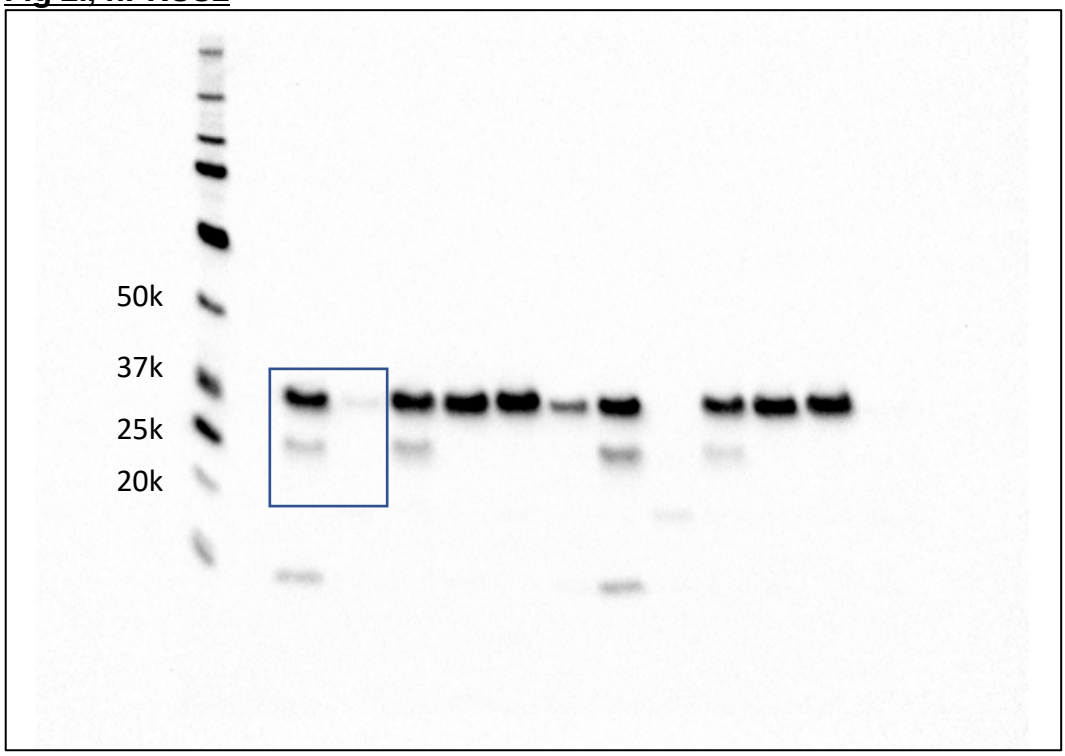


Fig 2i, hPRSS3

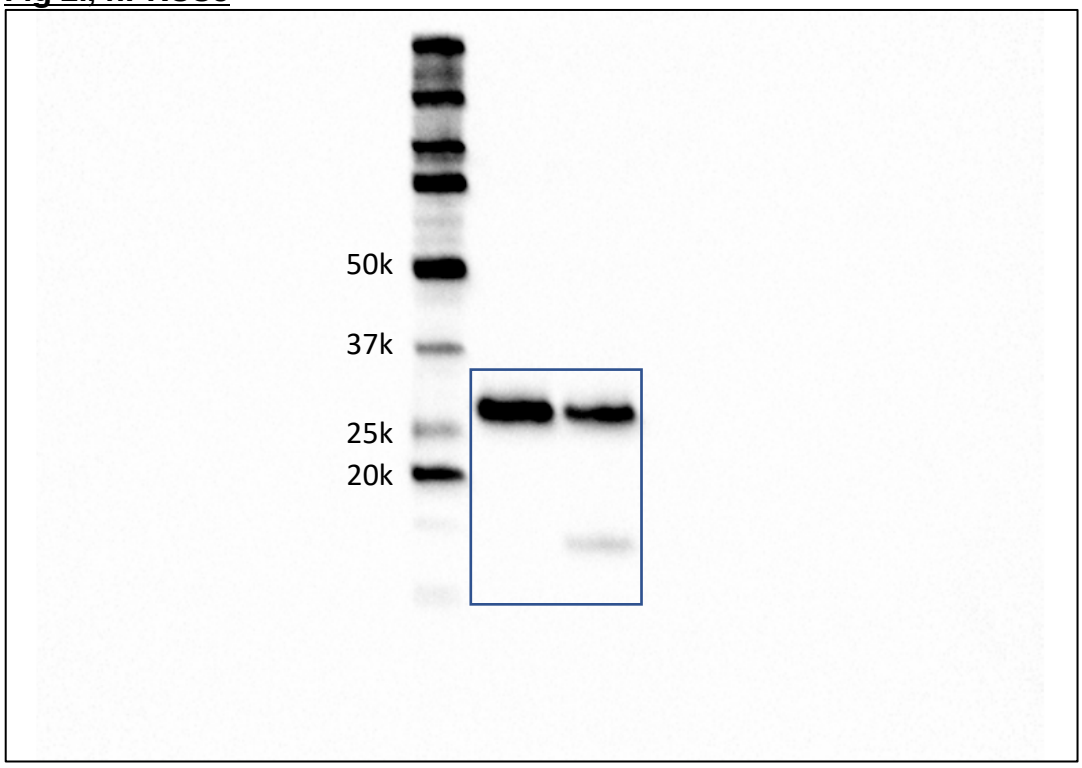


Fig 3a, rmPRSS2

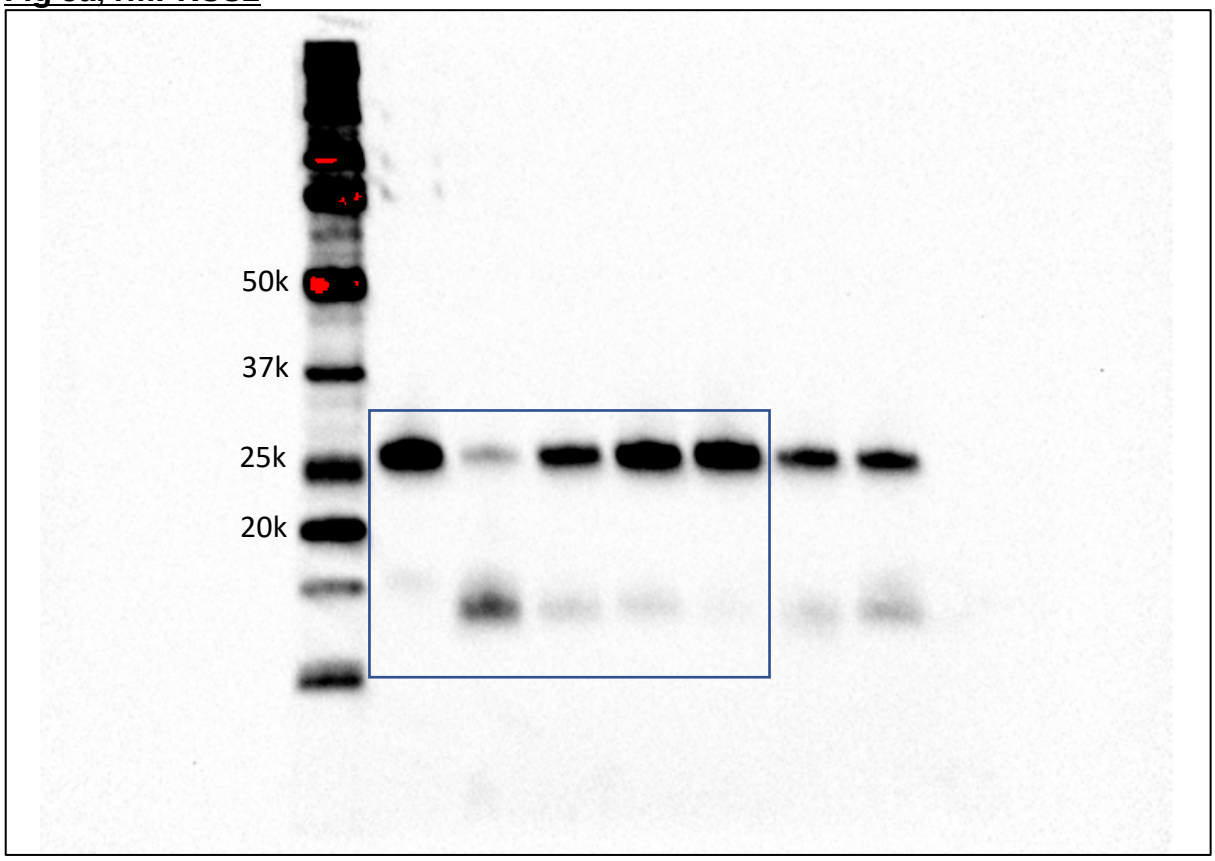


Fig 3c, rmPRSS2

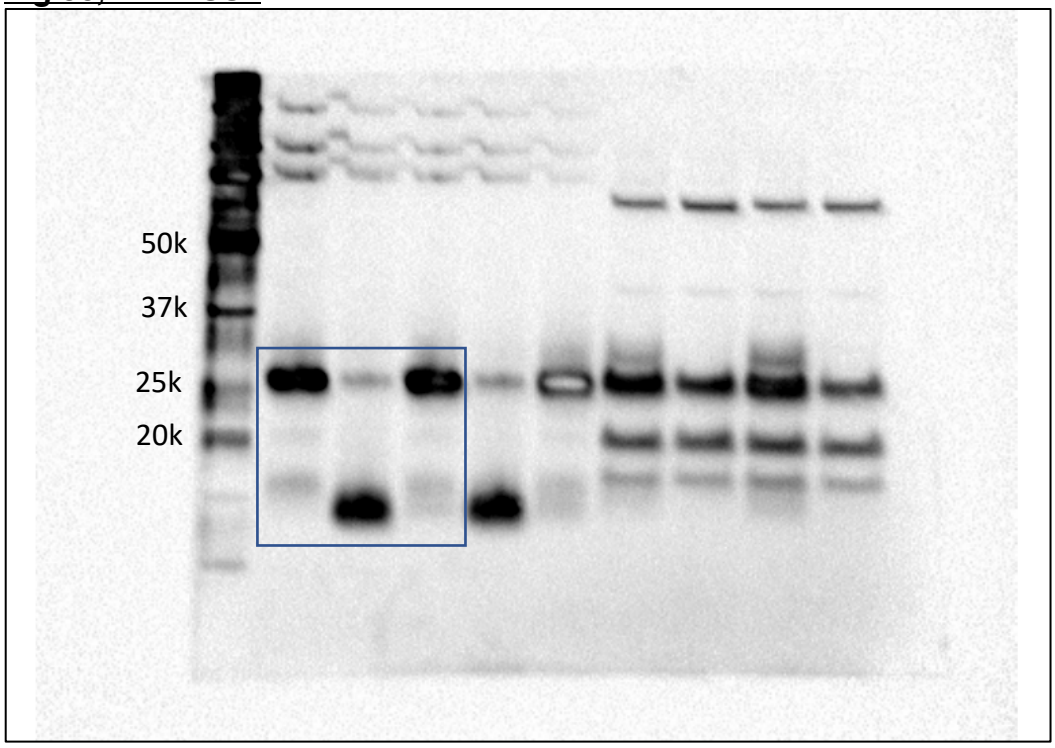


Fig 3e, rmPRSS2

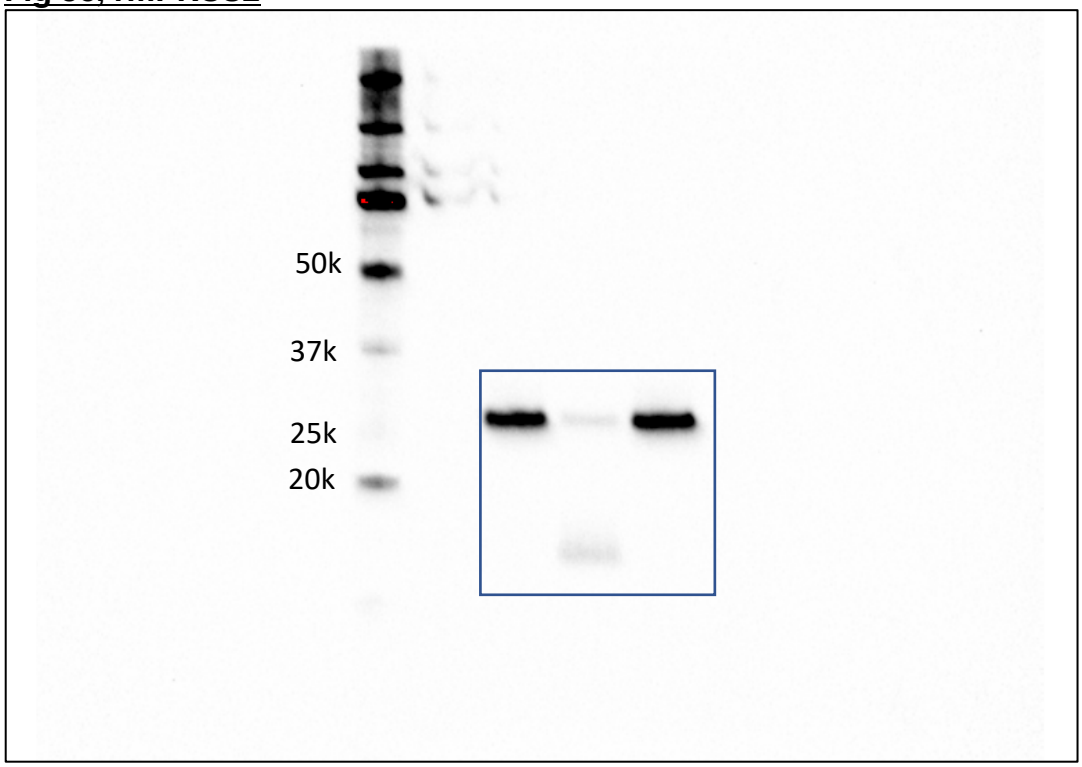


Fig 3g, rmPRSS2 (left)

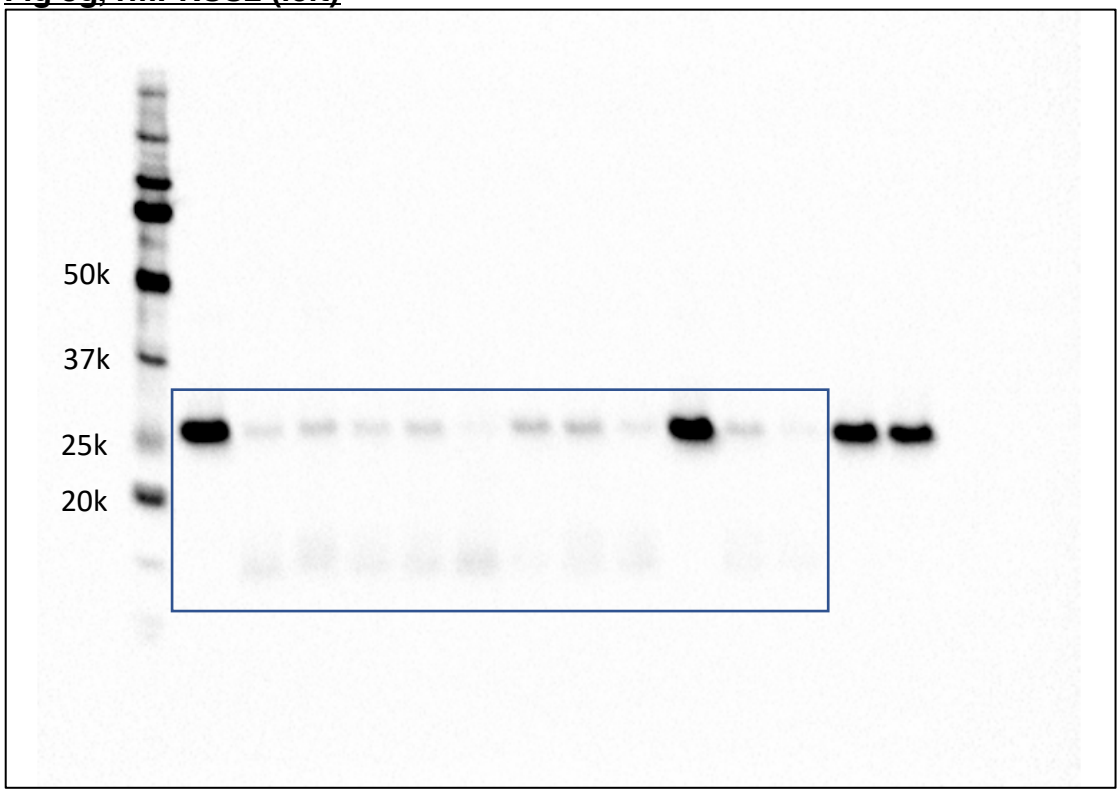


Fig 3g, rmPRSS2 (right)

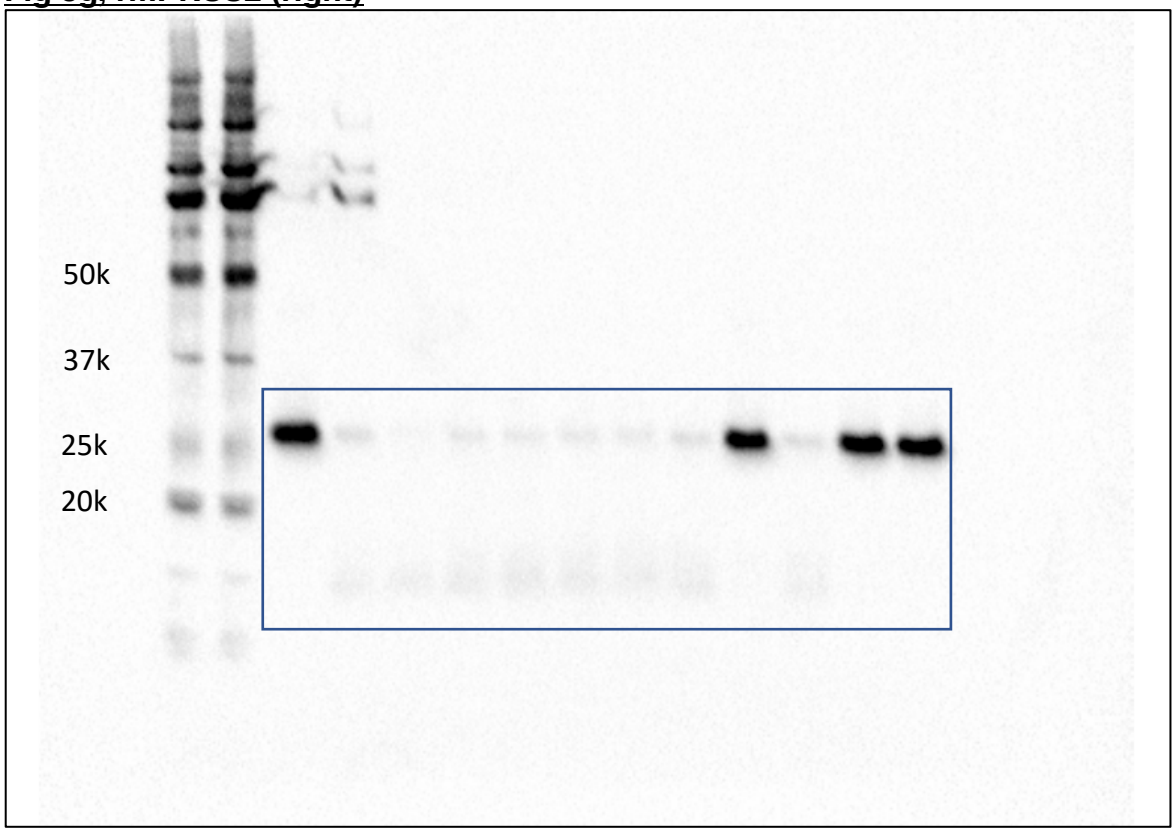


Fig 3j, rmPRSS2

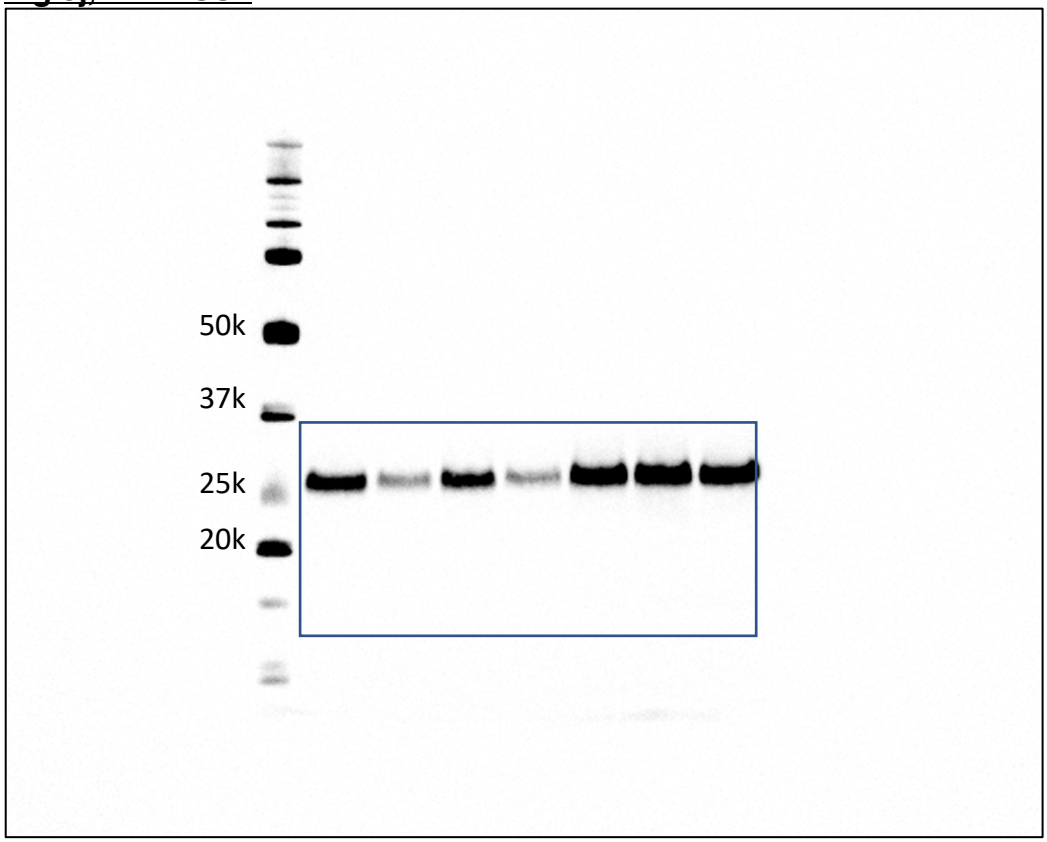


Fig 4b, PRSS2

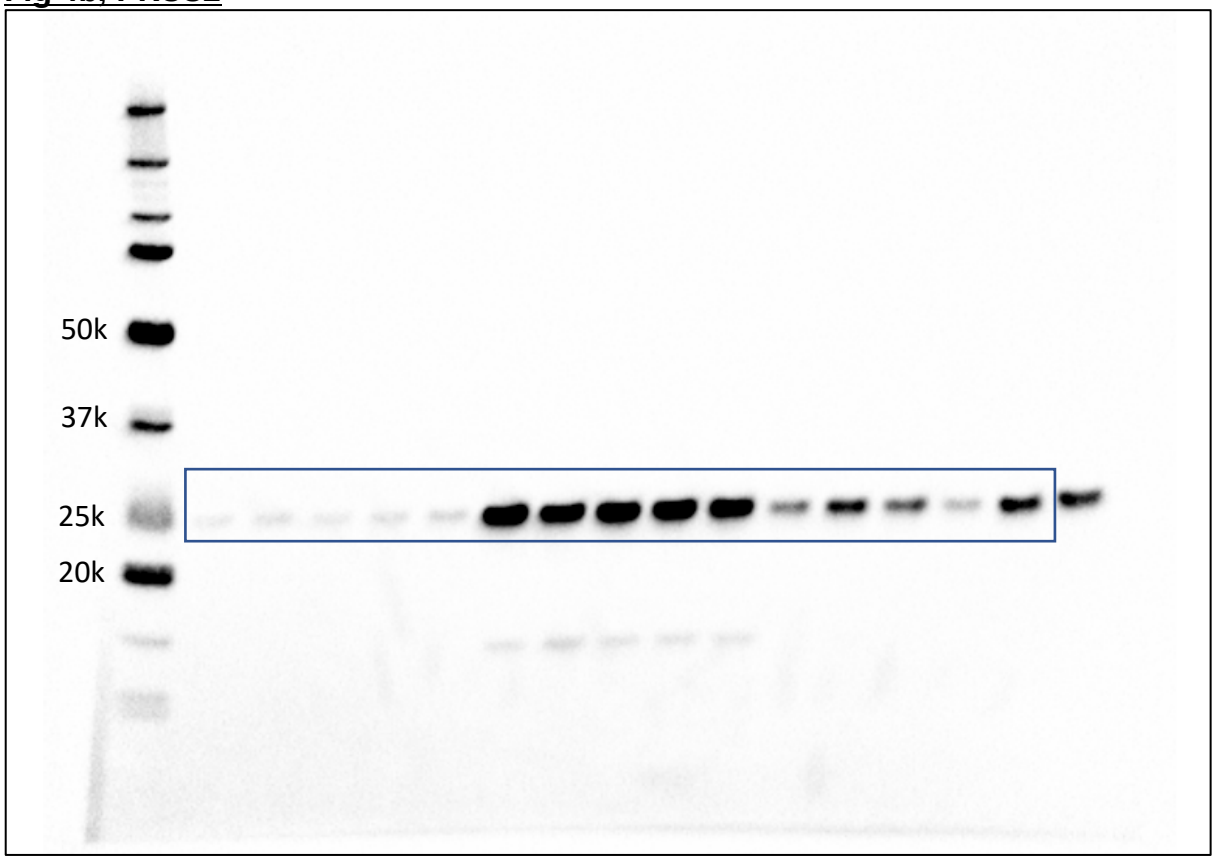


Fig 4b, TMPRSS2

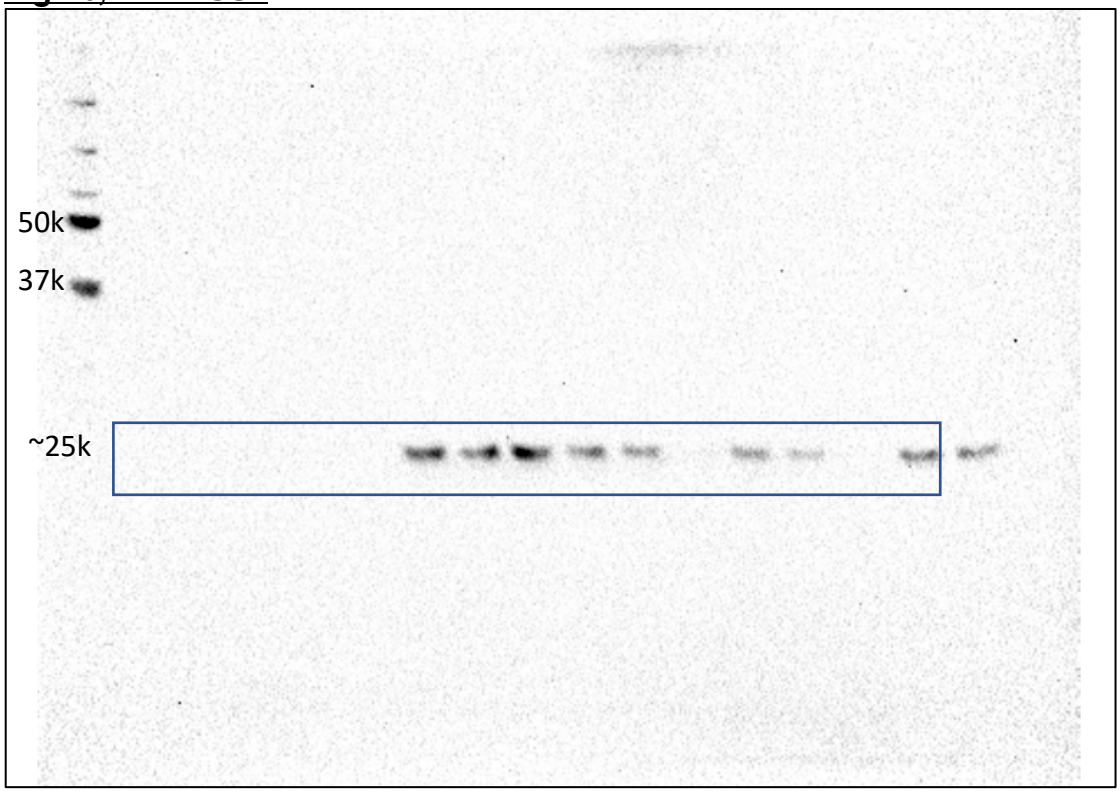


Fig 4b, IgA (α chain)

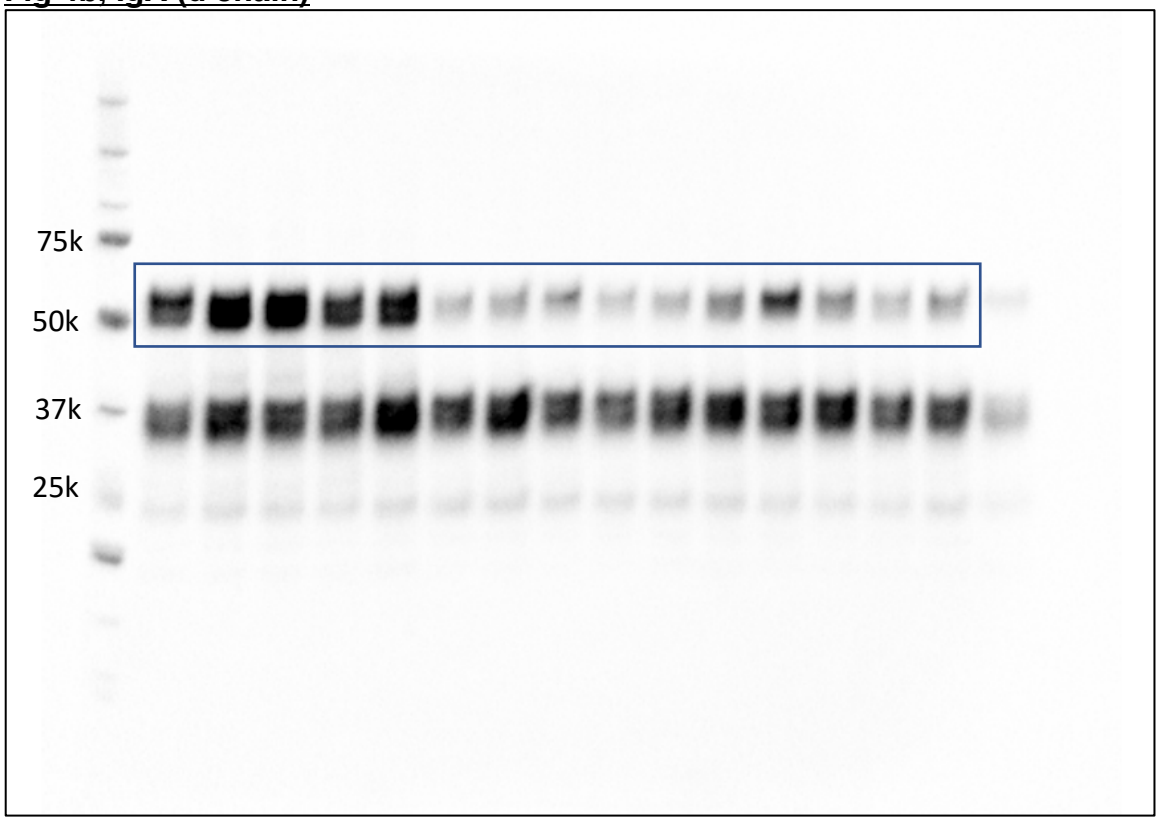


Fig 4b, κ chain

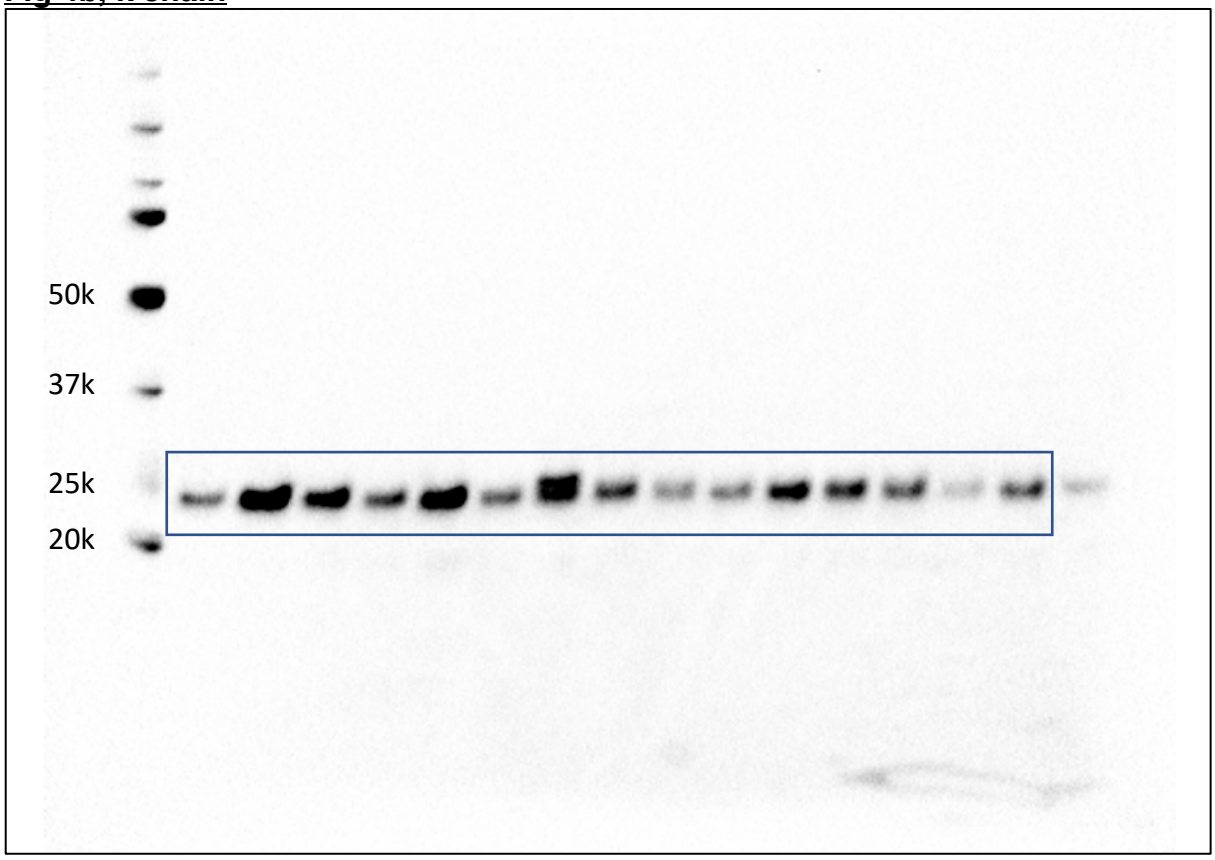


Fig 4b, Reg3β

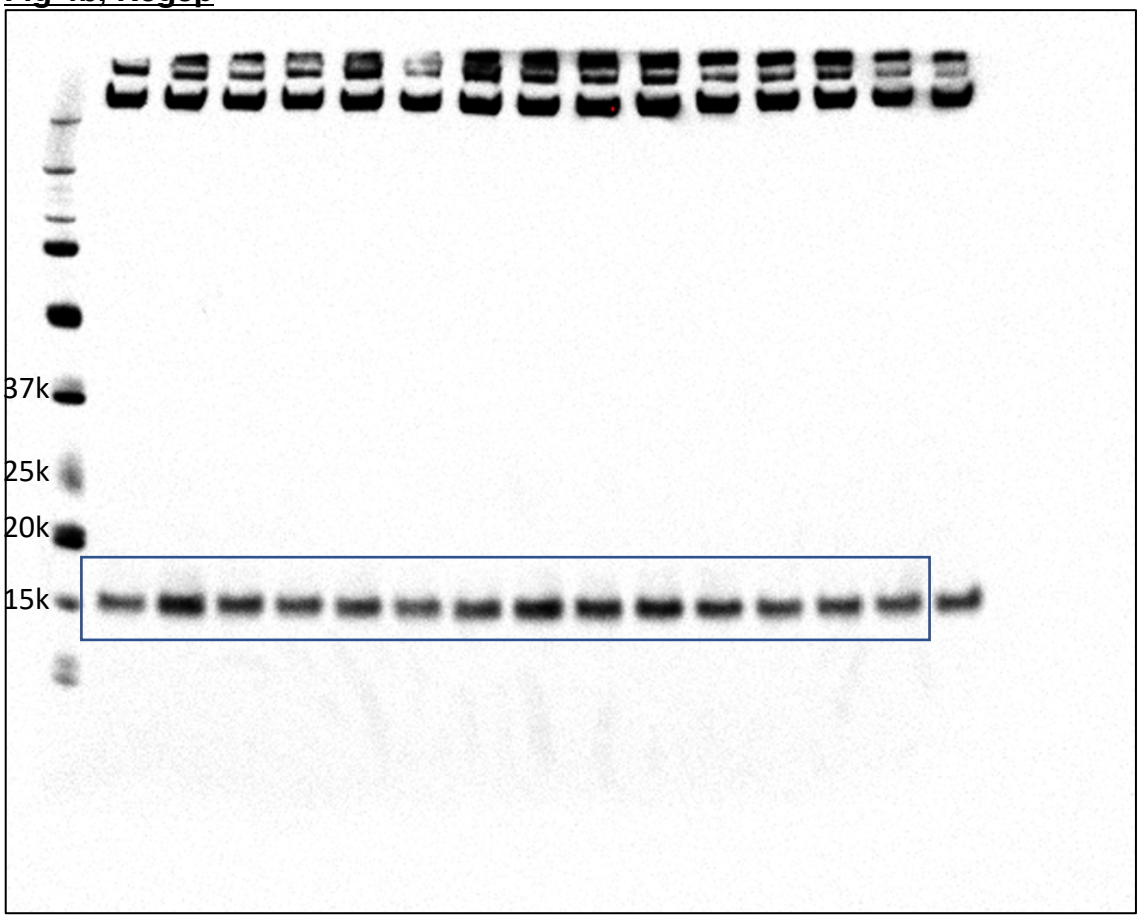


Fig 4b, CELA3B, same membrane with Reg3β

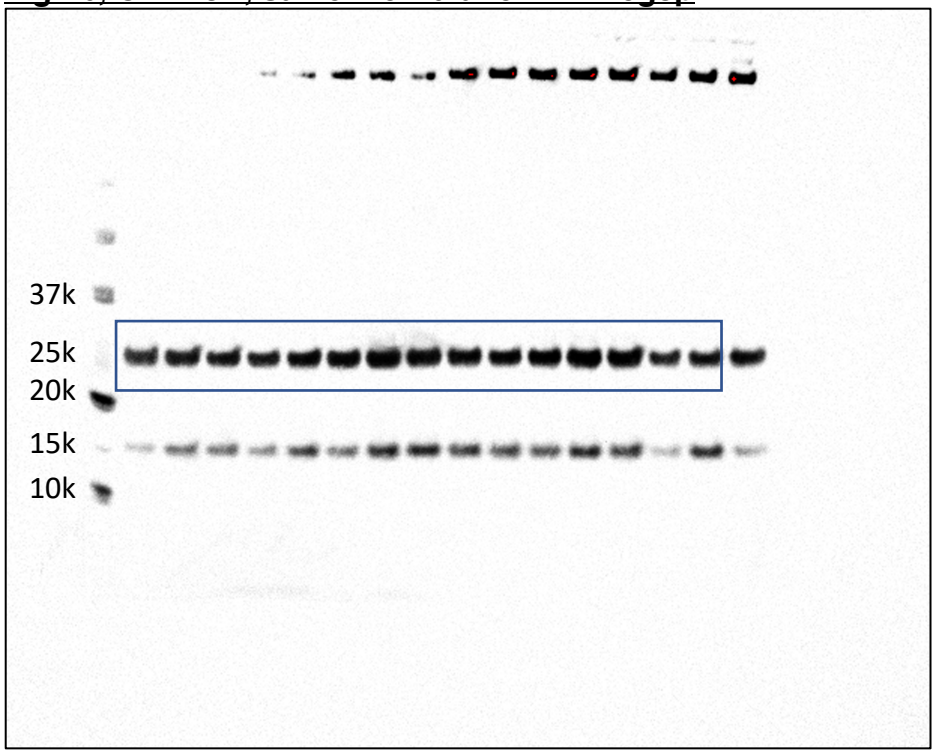
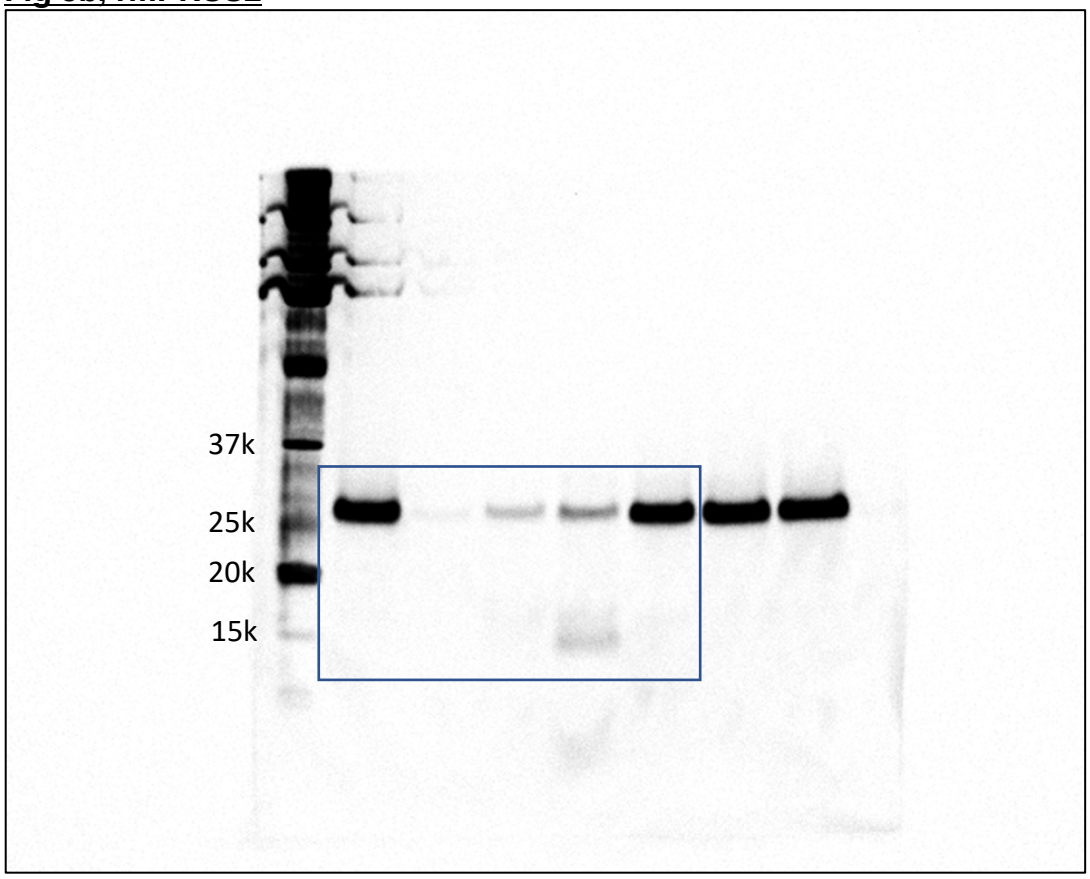
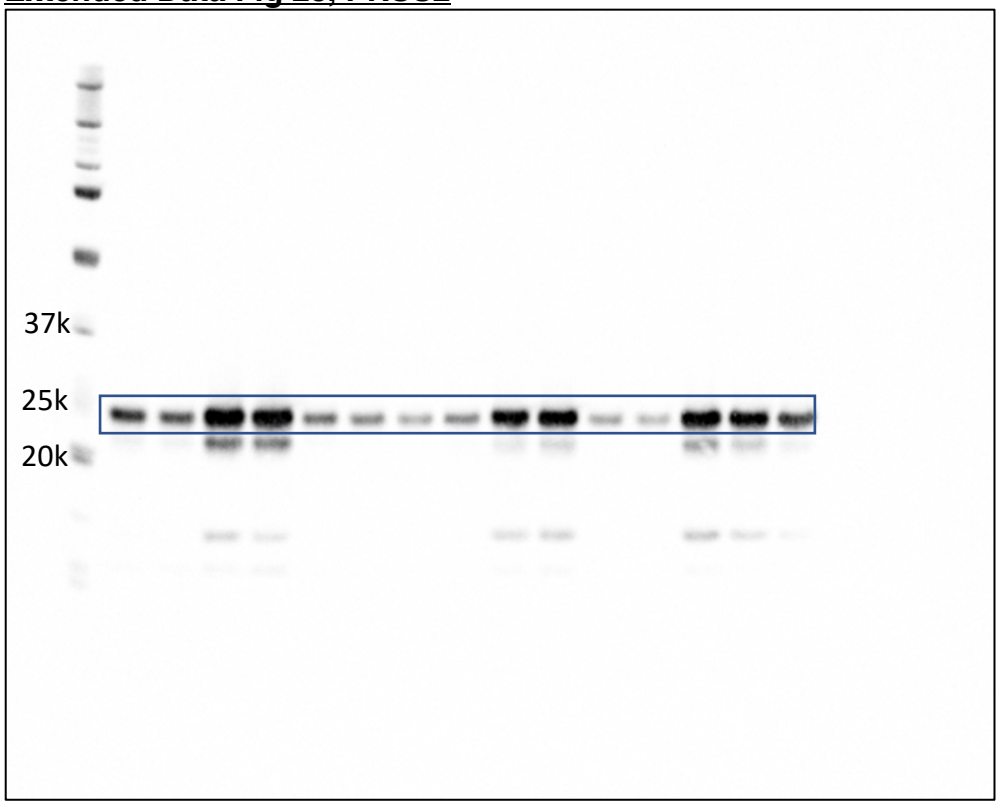


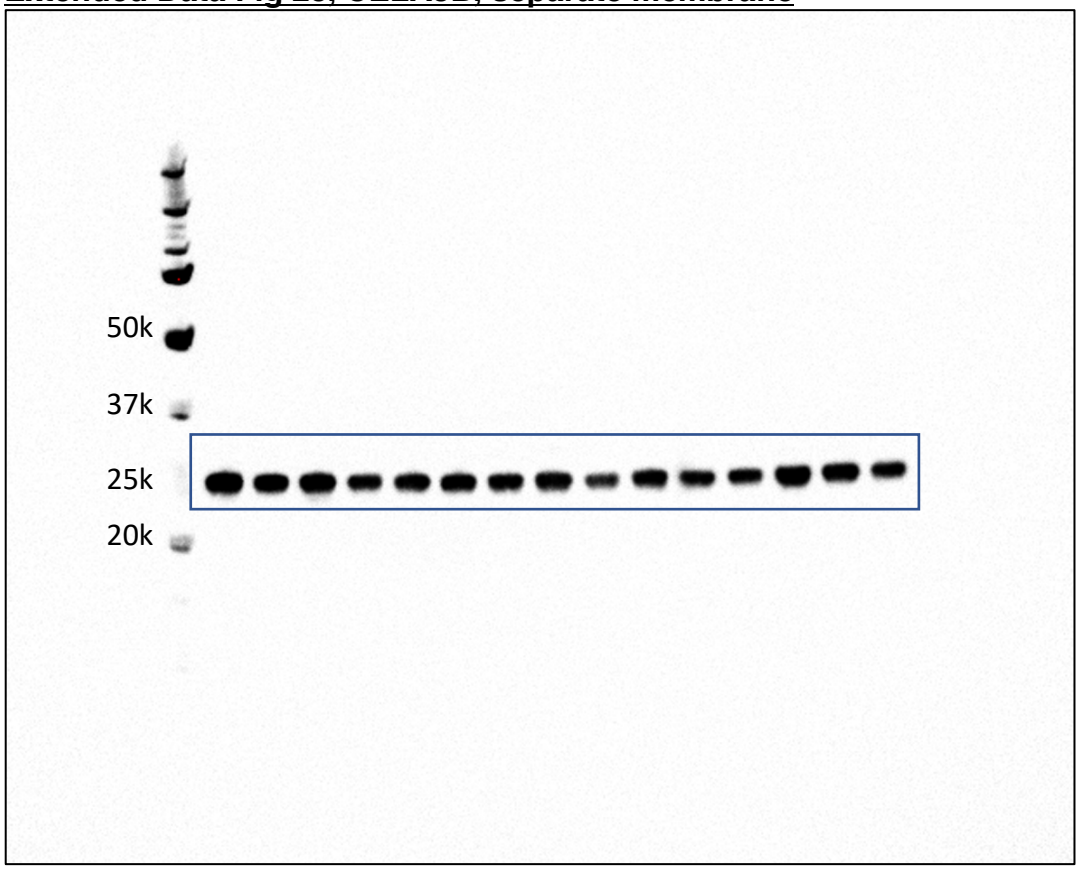
Fig 5b, rmPRSS2



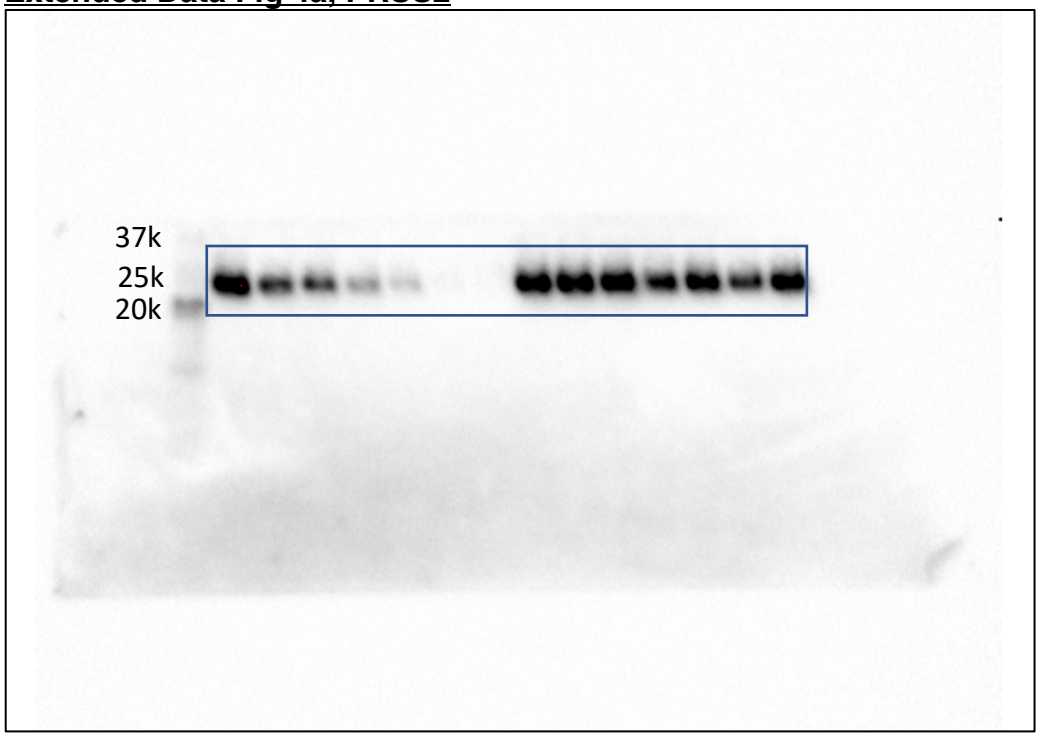
Extended Data Fig 2c, PRSS2



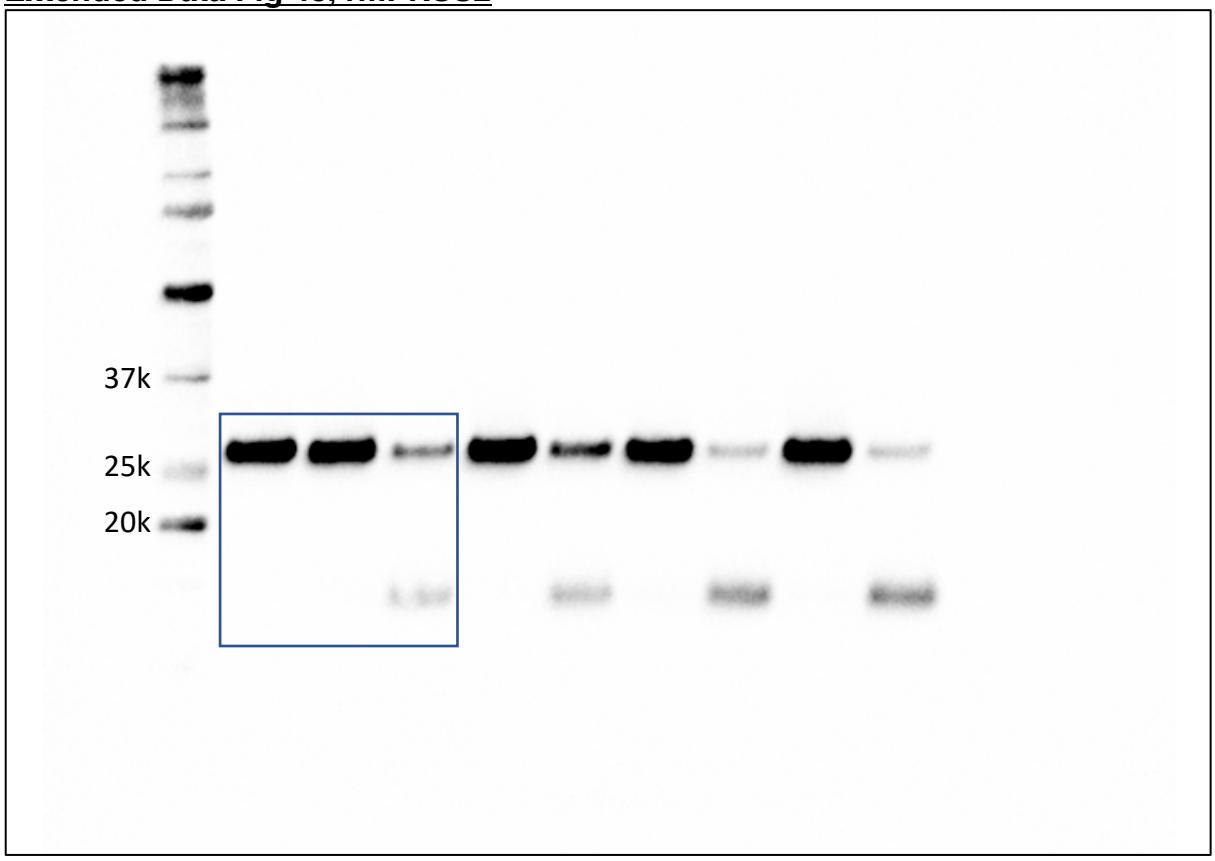
Extended Data Fig 2c, CELA3B, separate membrane



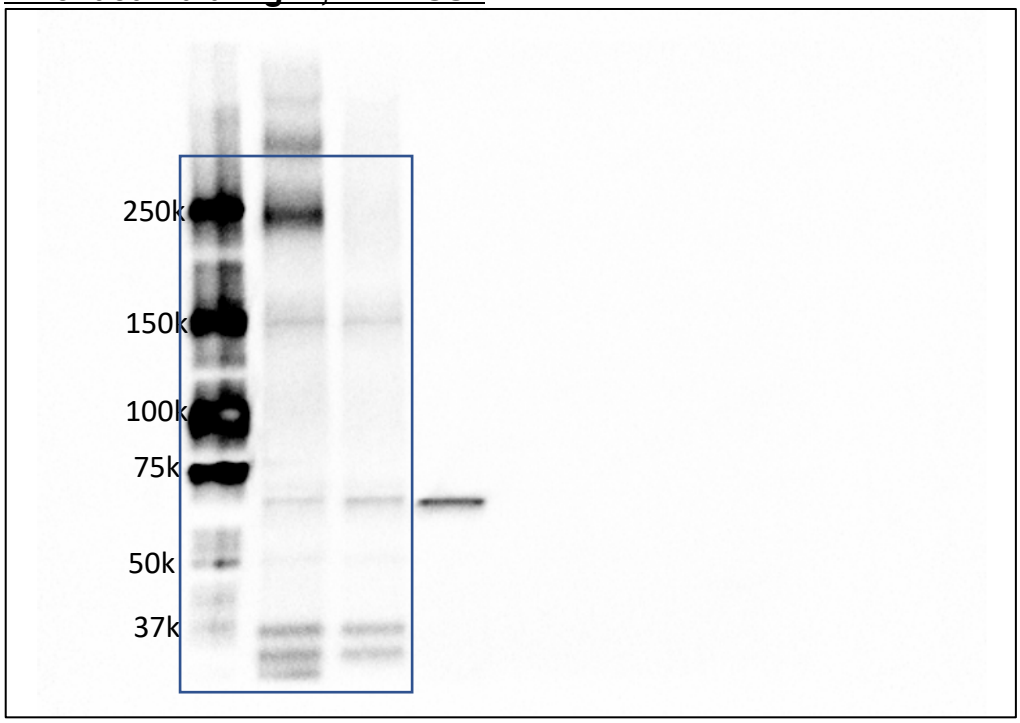
Extended Data Fig 4a, PRSS2



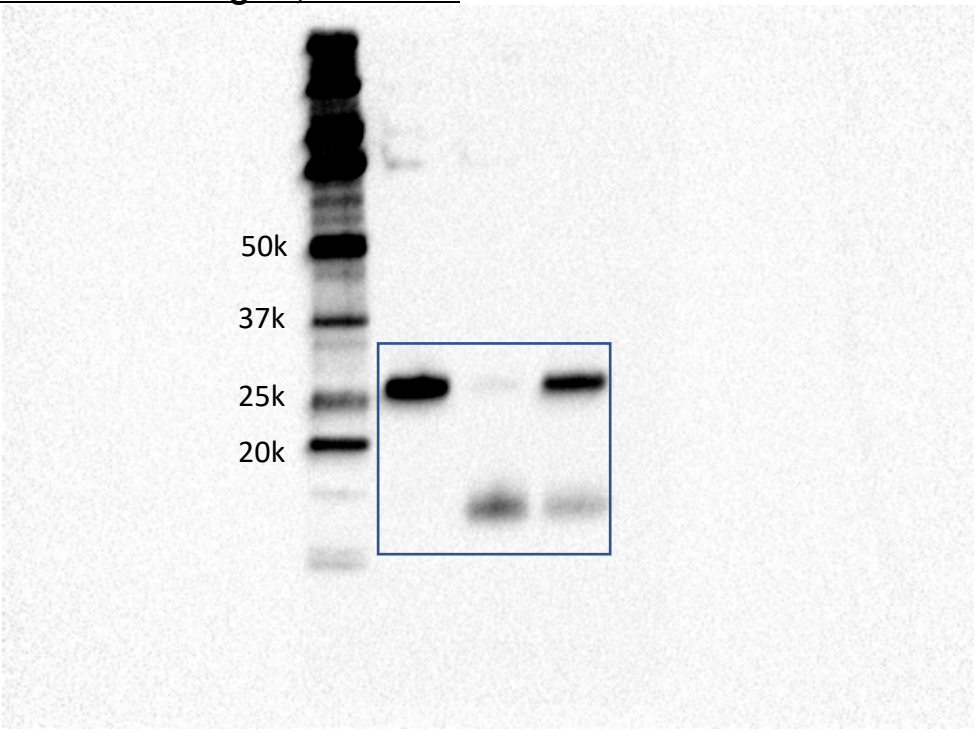
Extended Data Fig 4c, rmPRSS2



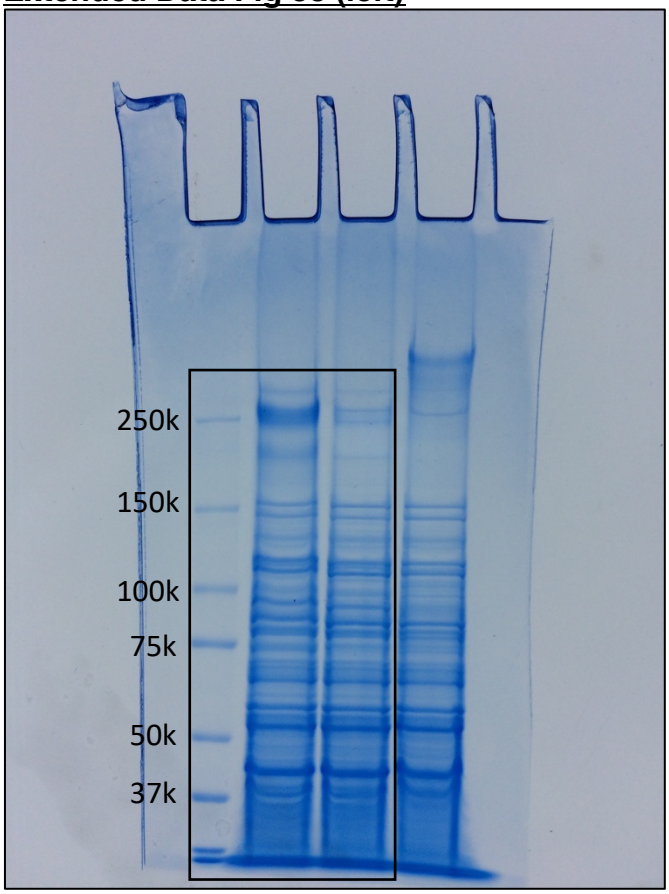
Extended Data Fig 4f, rmPRSS2



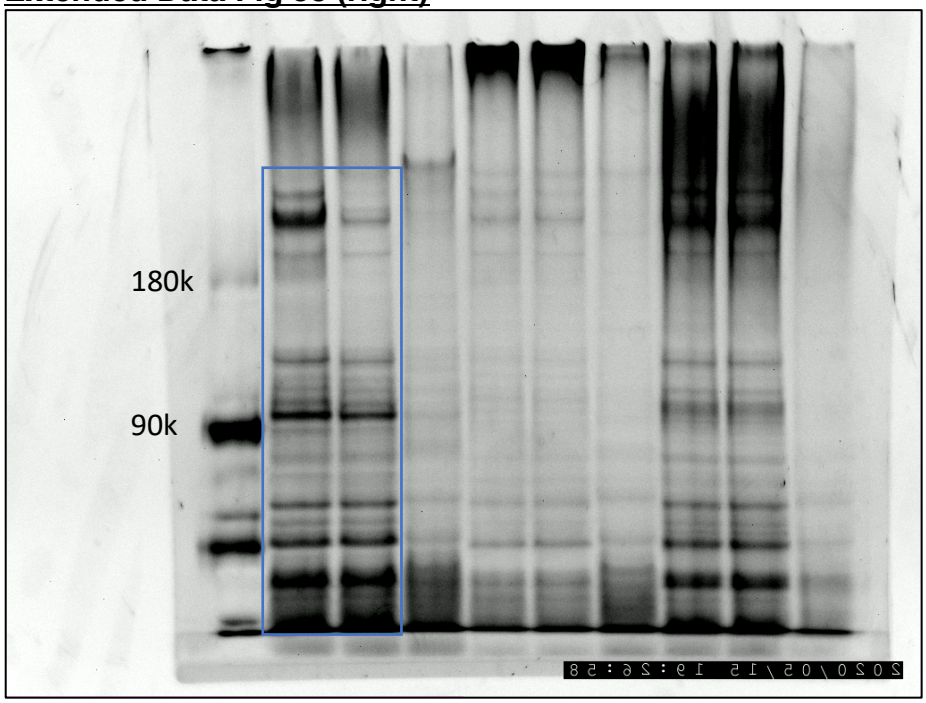
Extended Data Fig 5b, rmPRSS2



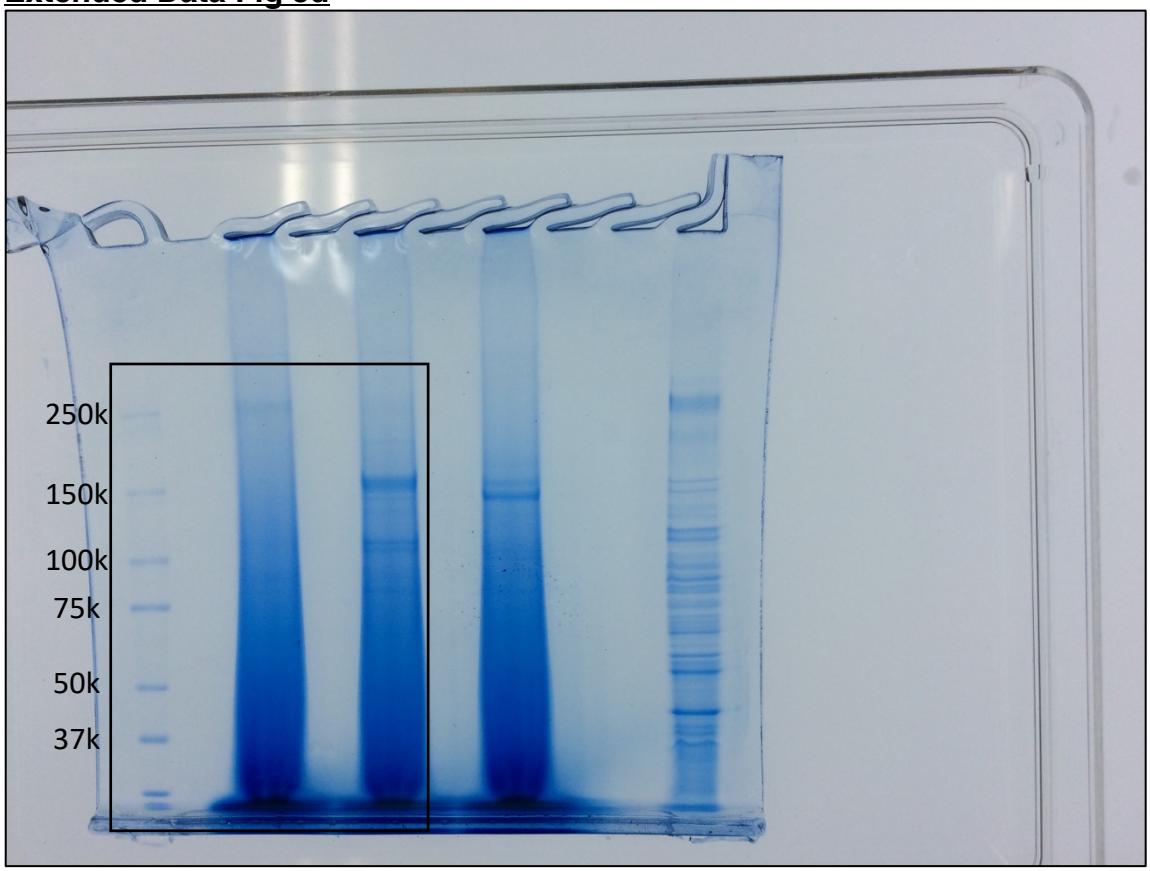
Extended Data Fig 5c (left)



Extended Data Fig 5c (right)



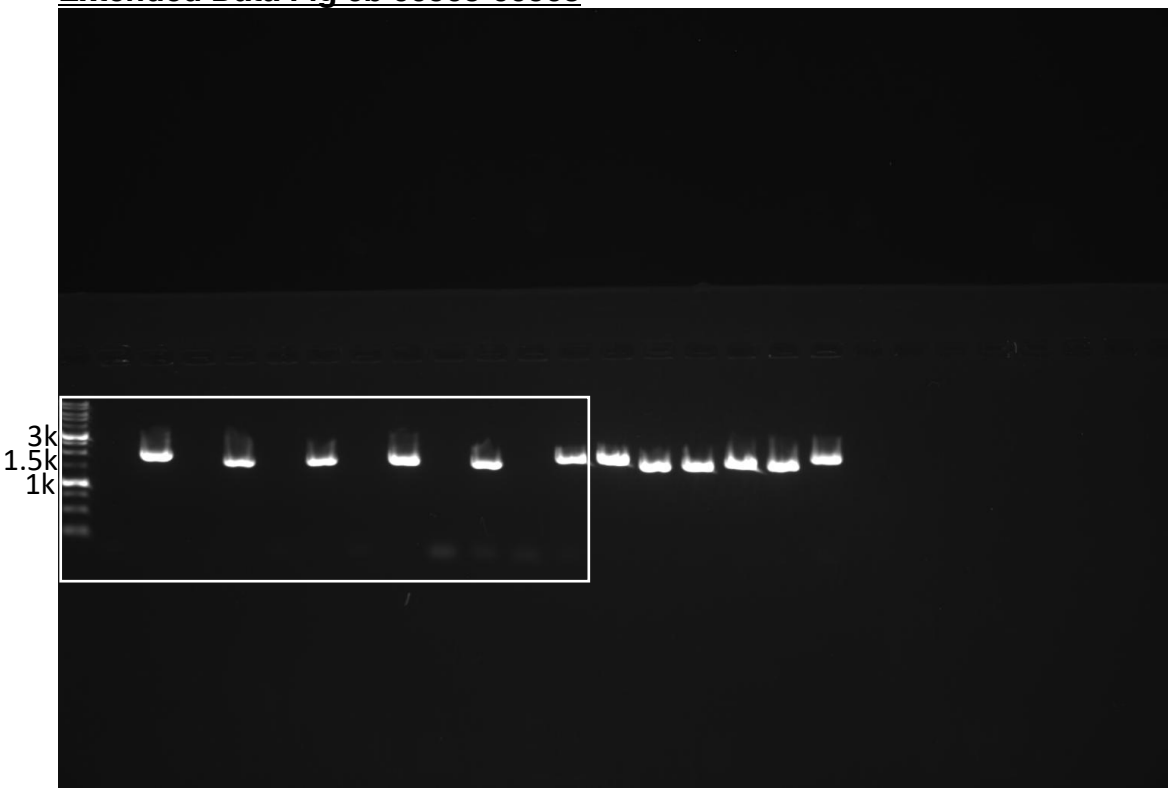
Extended Data Fig 5d



Extended Data Fig 6b WecA mutant

Extended Data Fig 6b PorU mutant

Extended Data Fig 6b 00503-00508

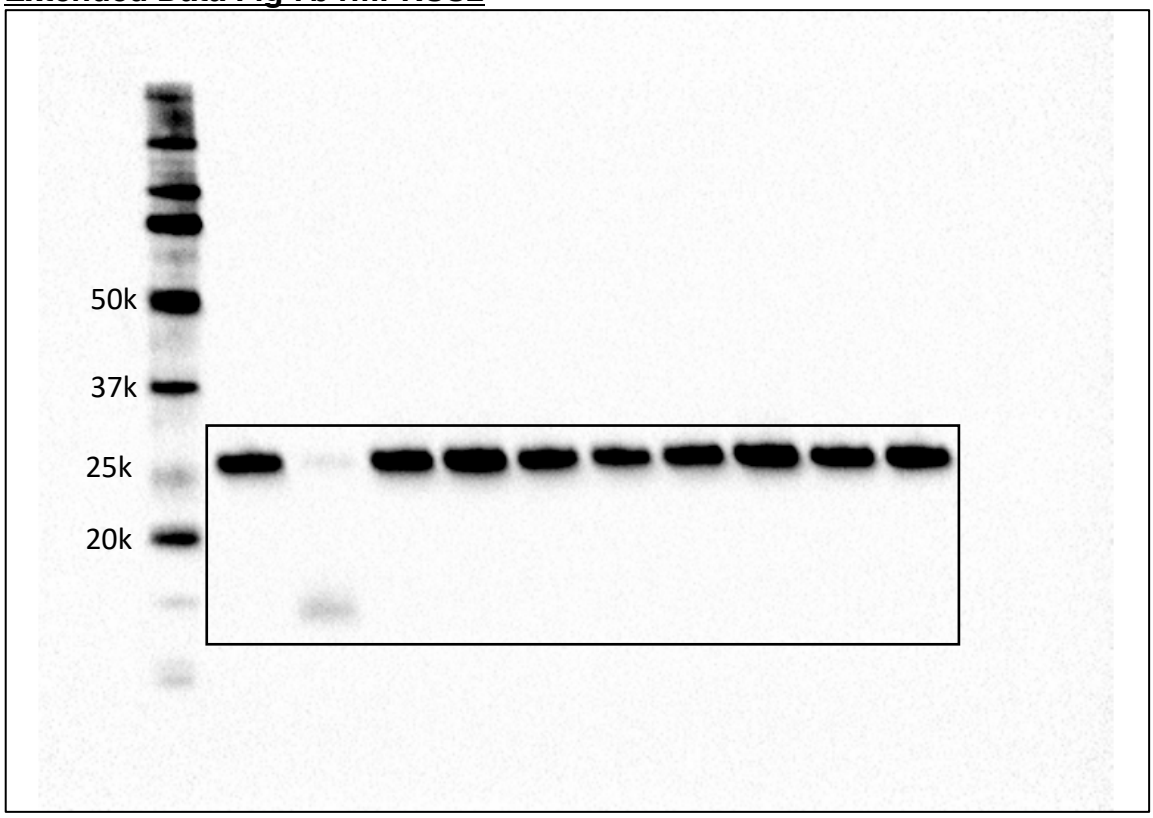


Extended Data Fig 6b Other mutants

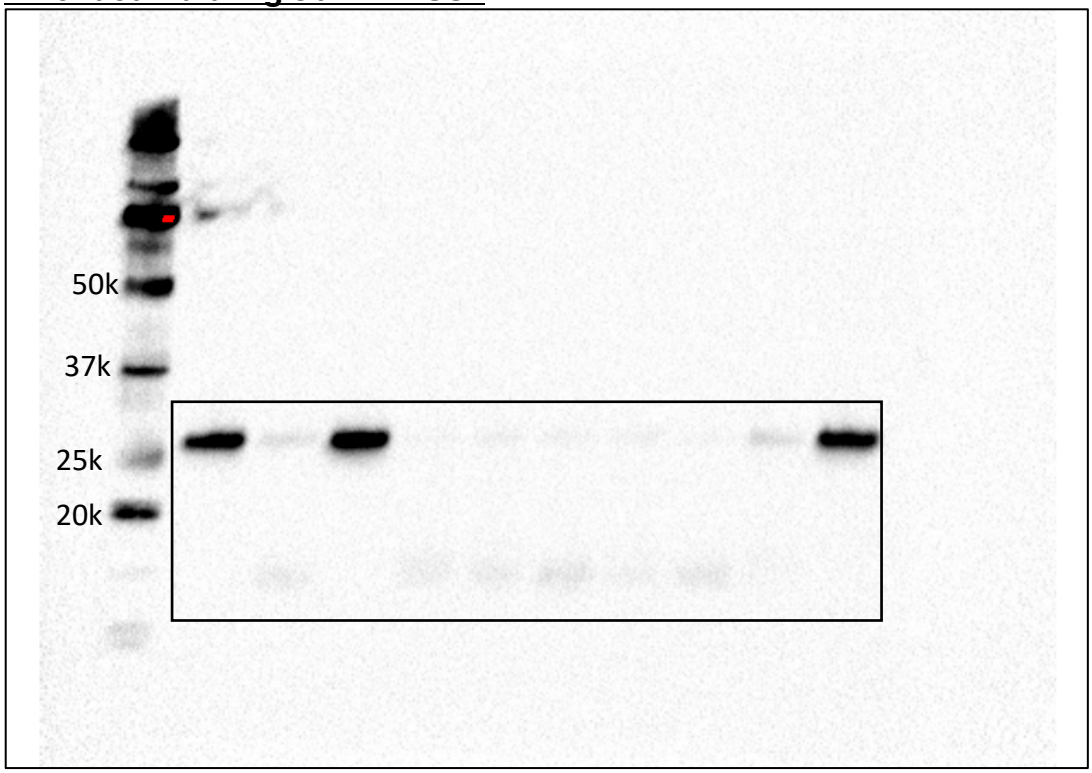
Extended Data Fig 7a 03048-03053

Extended Data Fig 7a 00502, 00509

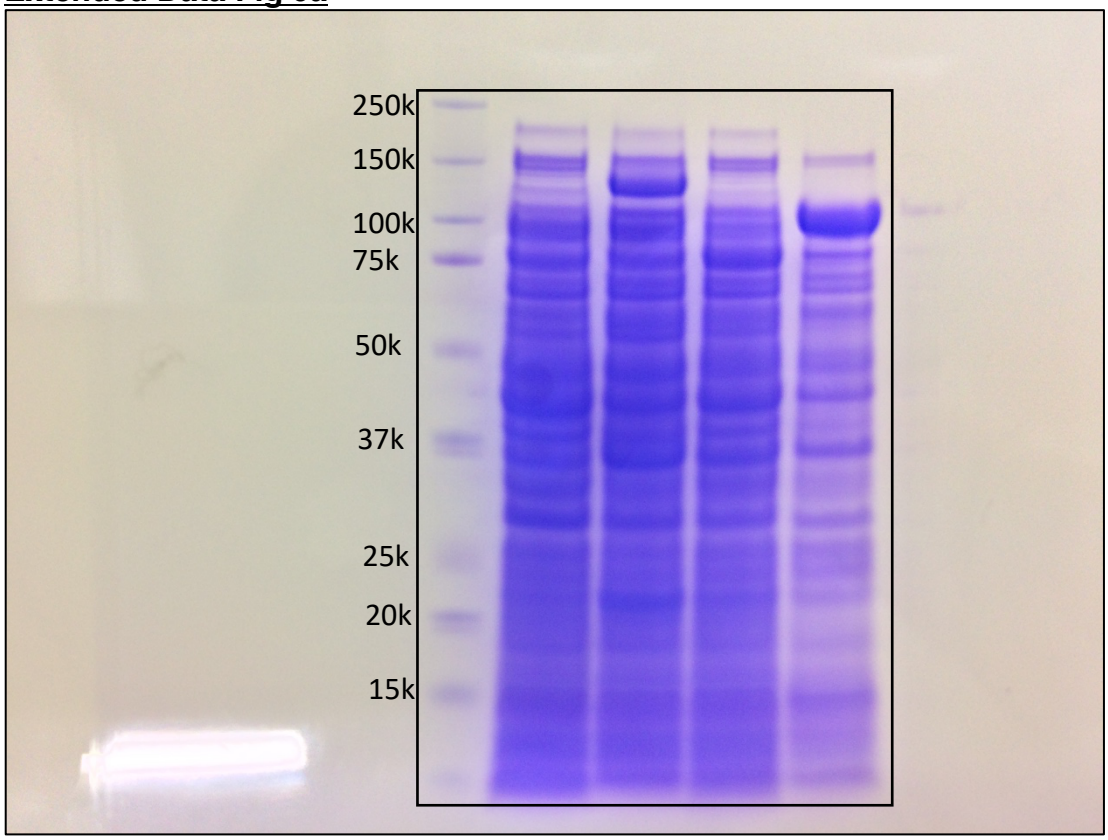
Extended Data Fig 7b rmPRSS2



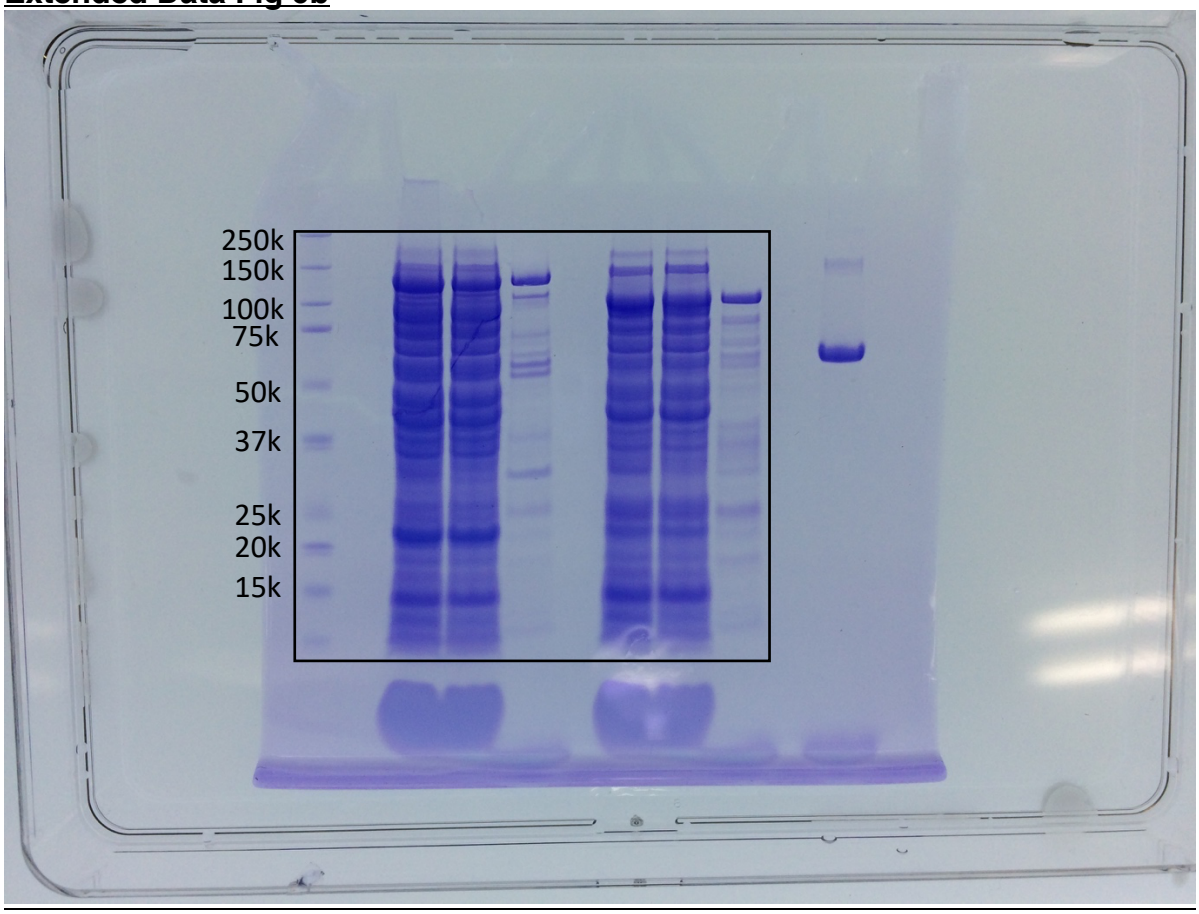
Extended Data Fig 8b rmPRSS2



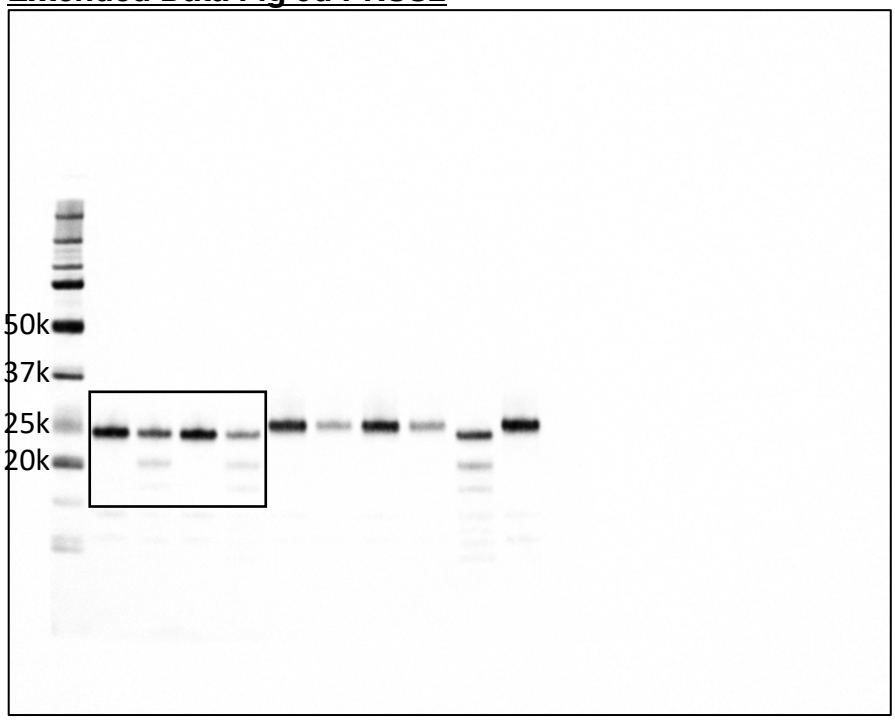
Extended Data Fig 9a



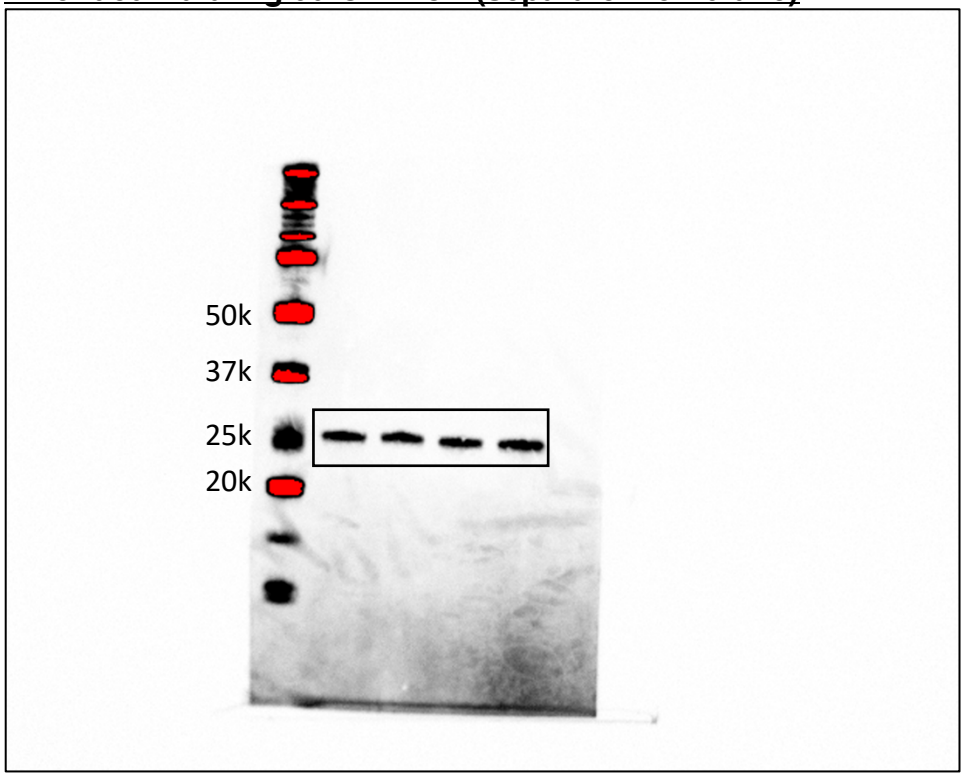
Extended Data Fig 9b



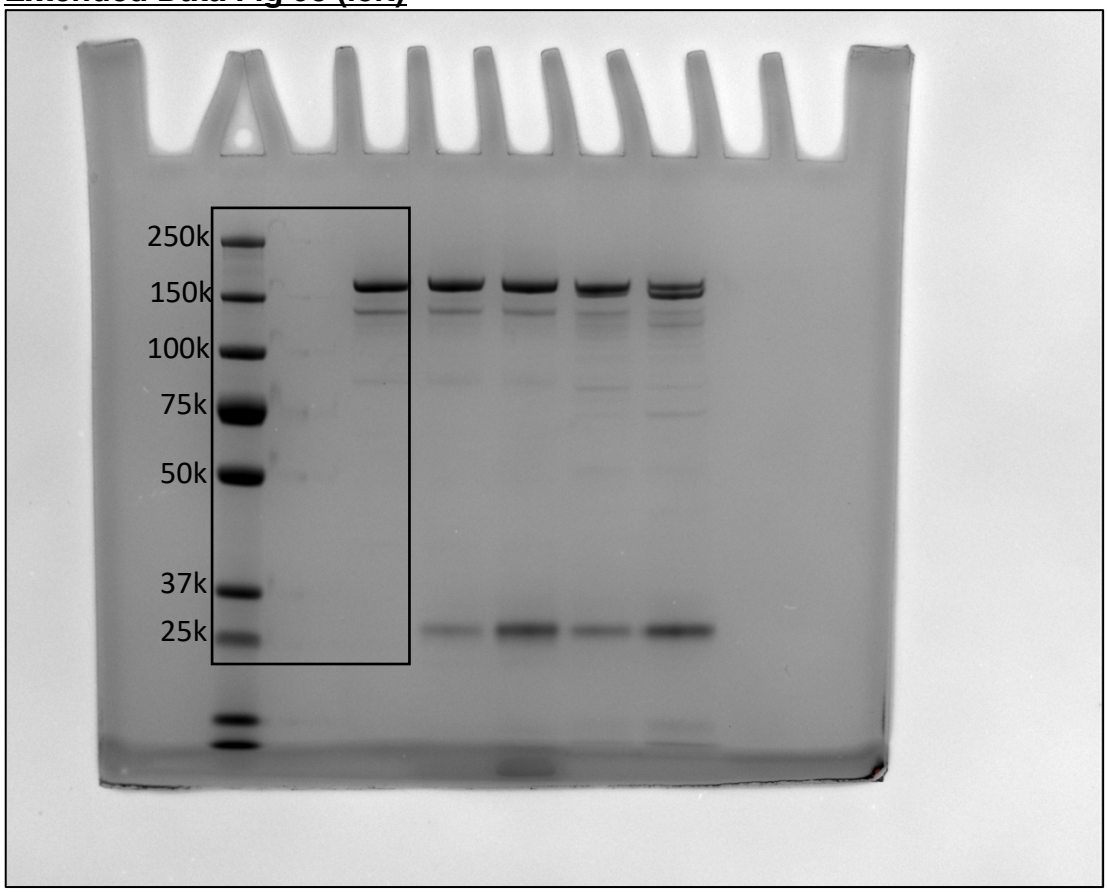
Extended Data Fig 9d PRSS2



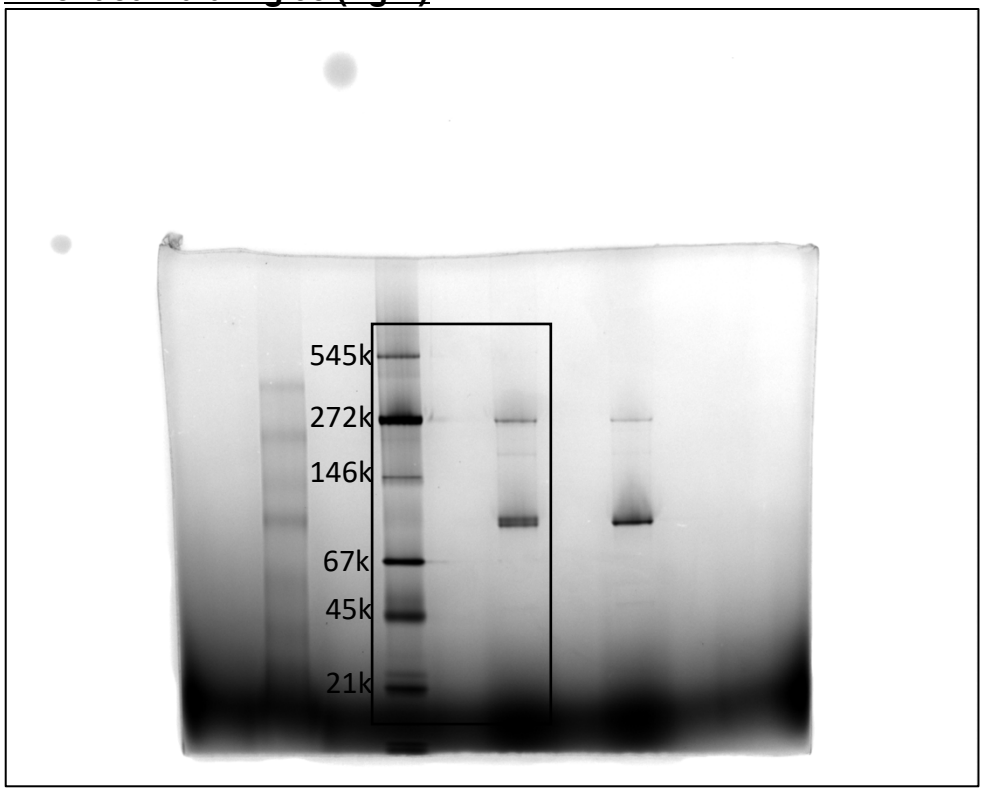
Extended Data Fig 9d CELA3B (separate membrane)



Extended Data Fig 9e (left)



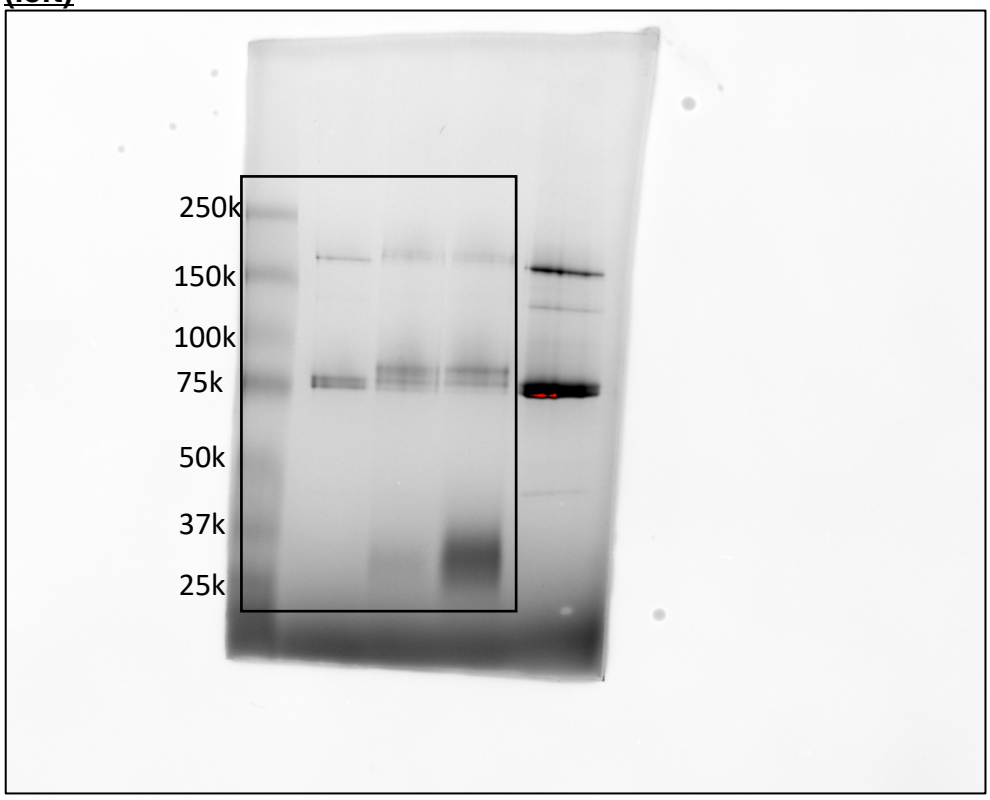
Extended Data Fig 9e (right)



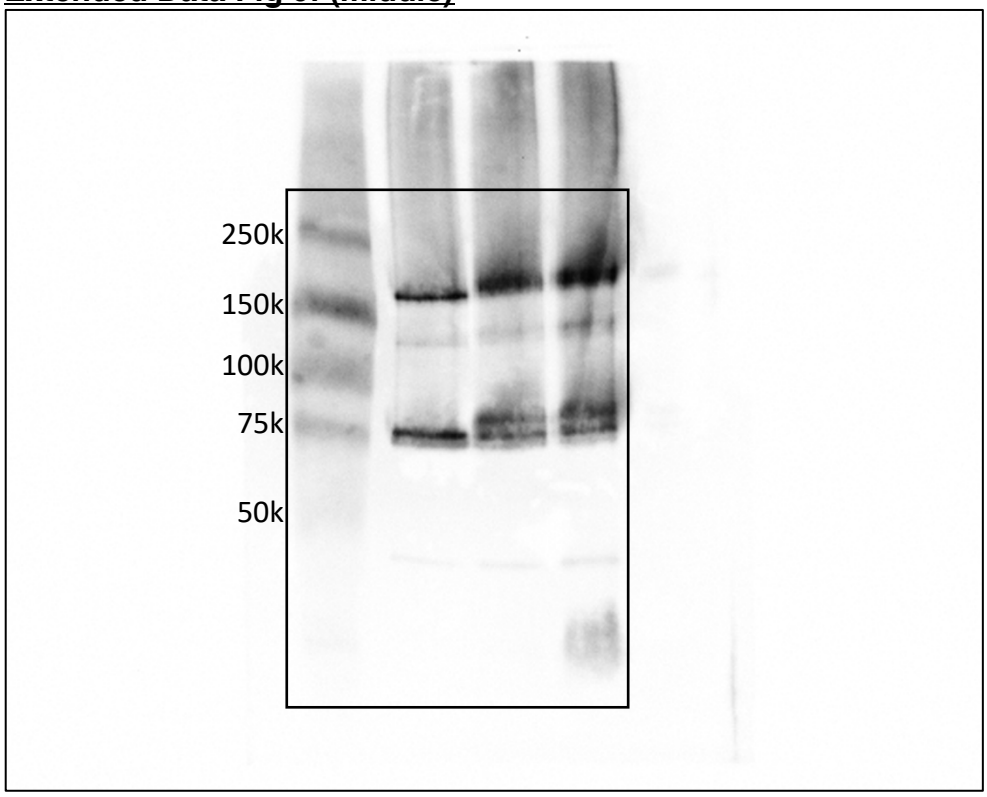
Extended Data Fig 9f

Note: The marker used here is designed for SDS-PAGE-based chemiluminescent Western blot and does not reflect the actual molecular weight on a Native PAGE gel. It was used only for the purpose of aligning the individual bands between the gel and the blots.

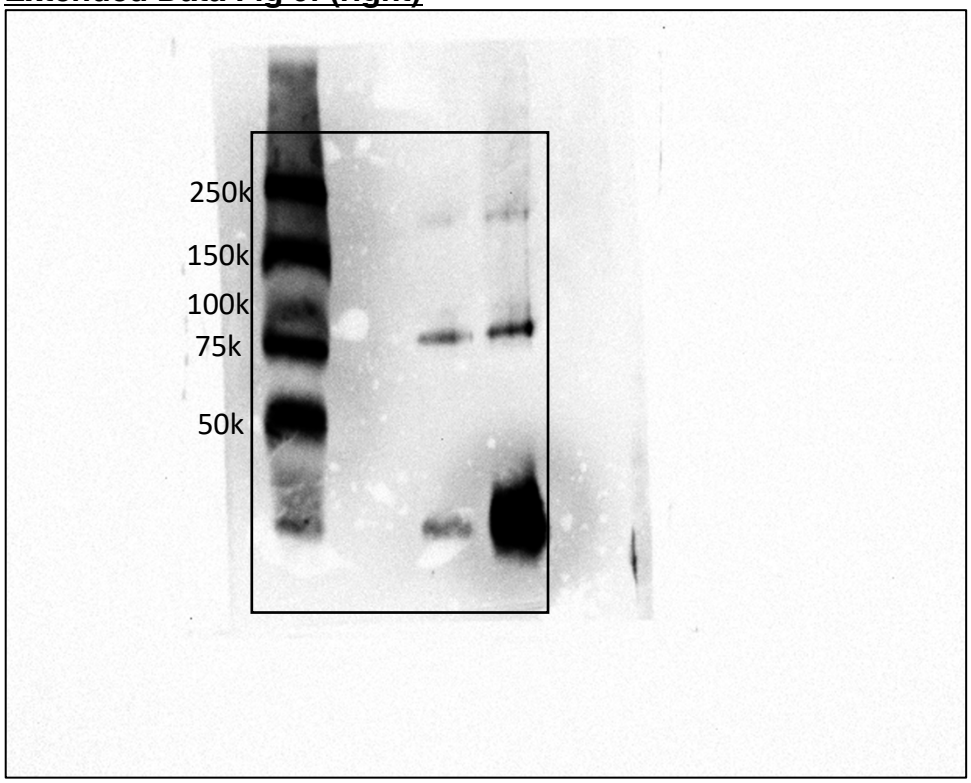
(left)



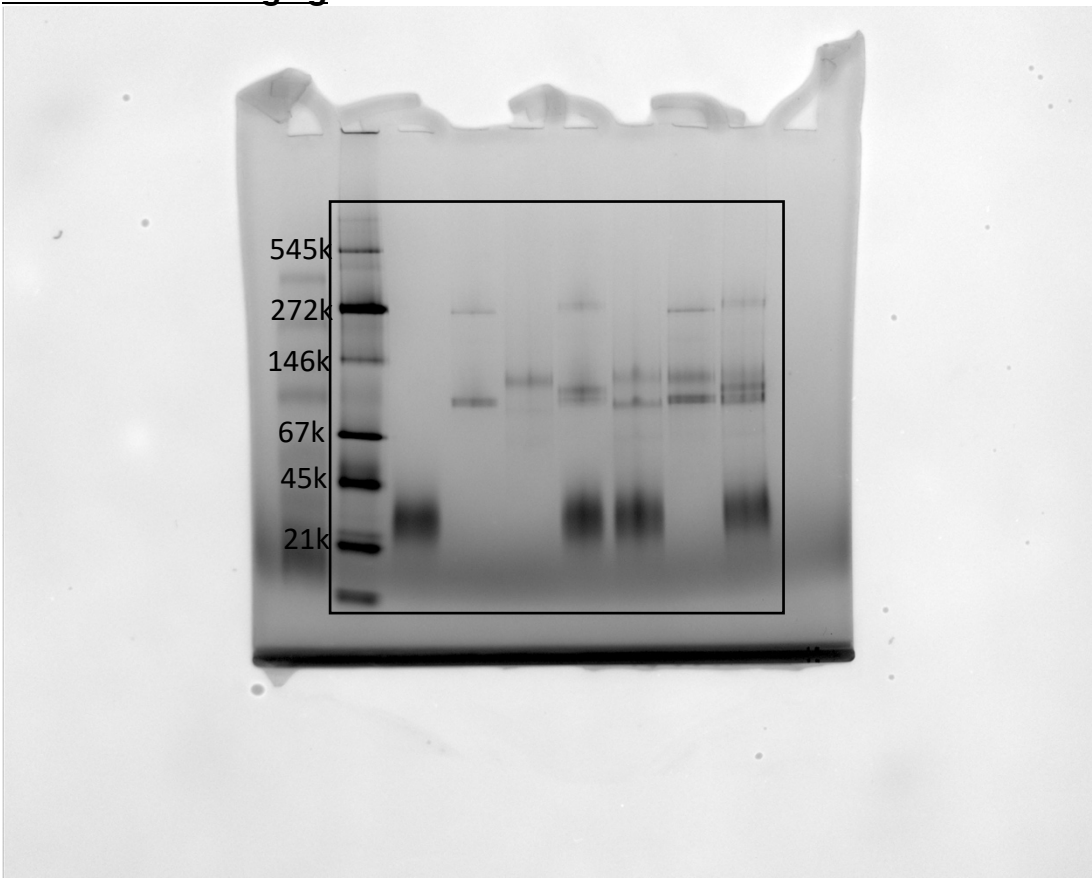
Extended Data Fig 9f (middle)



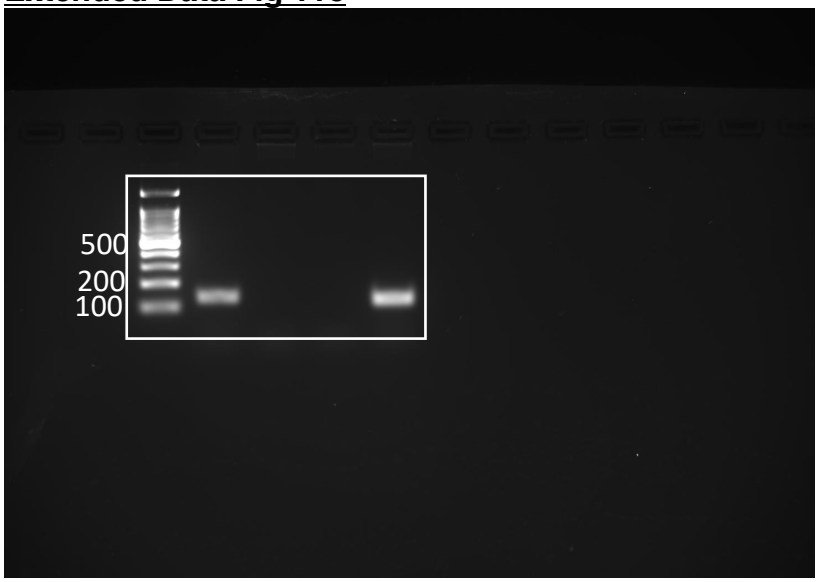
Extended Data Fig 9f (right)



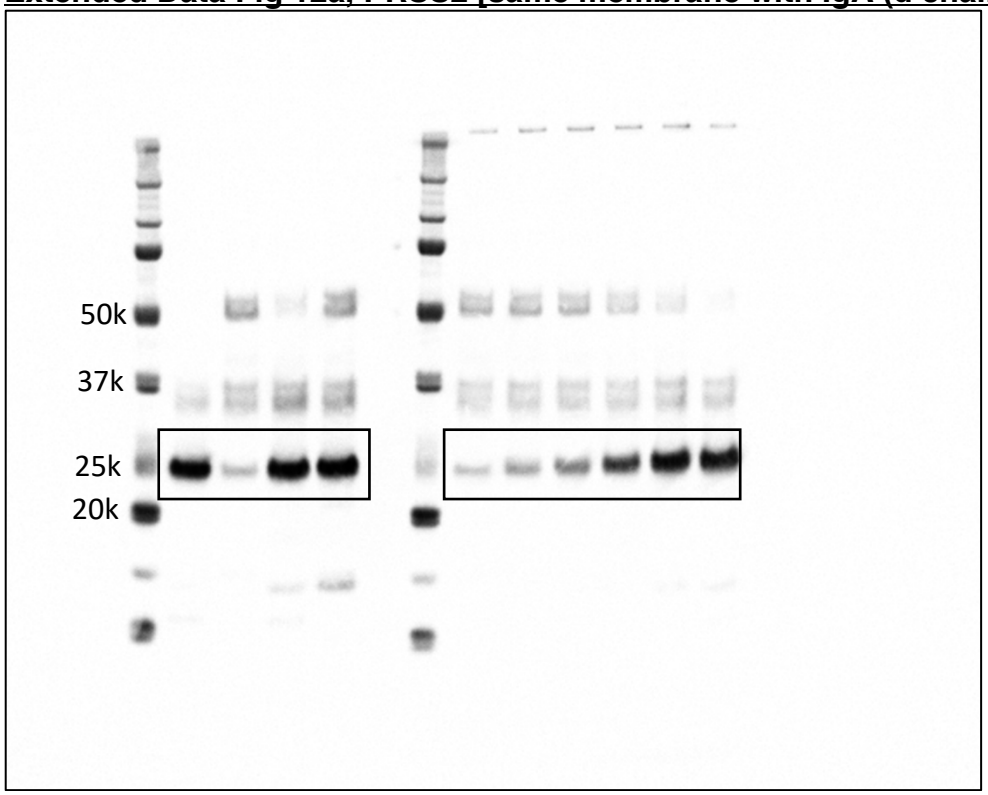
Extended Data Fig 9g



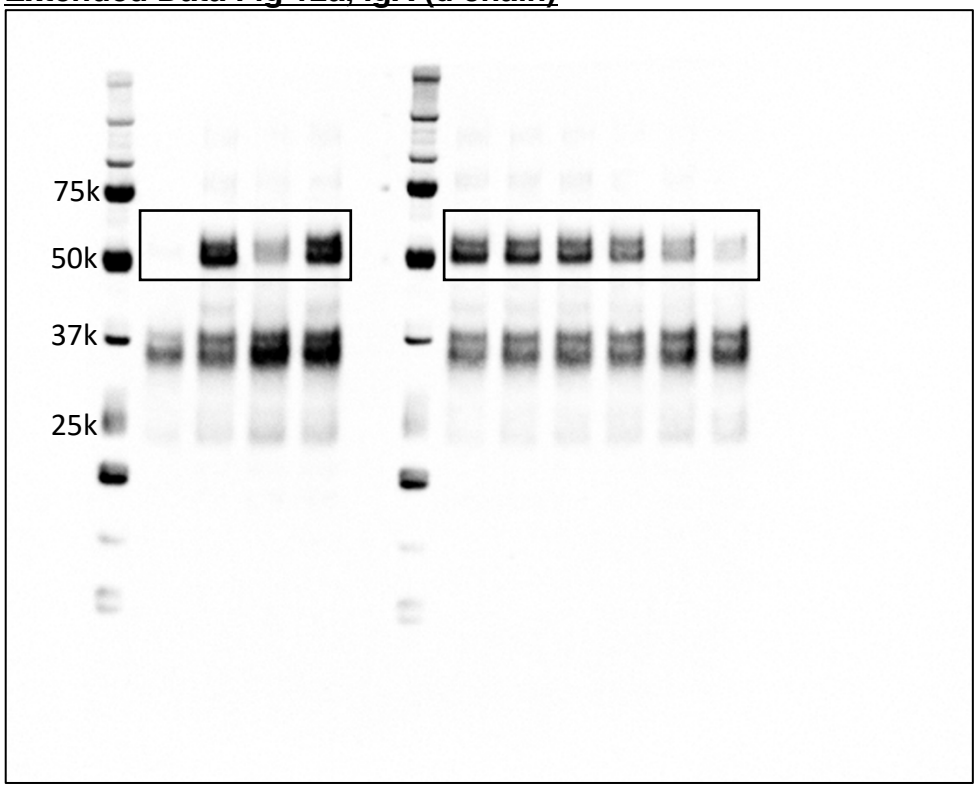
Extended Data Fig 11e



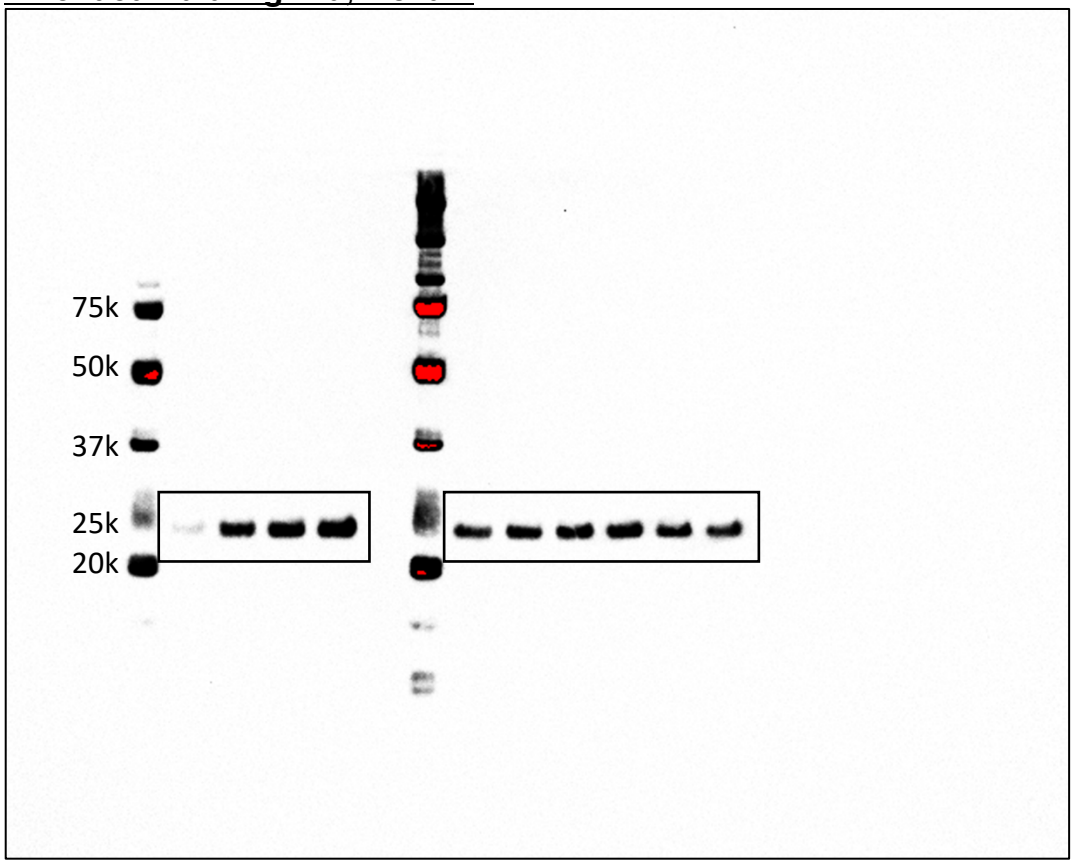
Extended Data Fig 12a, PRSS2 [same membrane with IgA (α chain)]



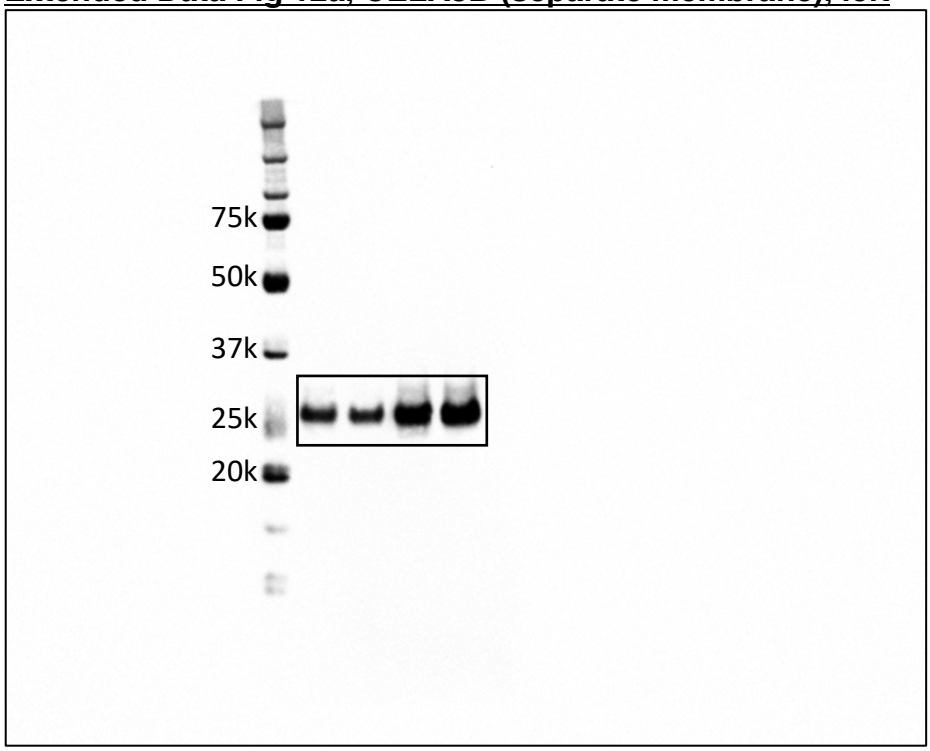
Extended Data Fig 12a, IgA (α chain)



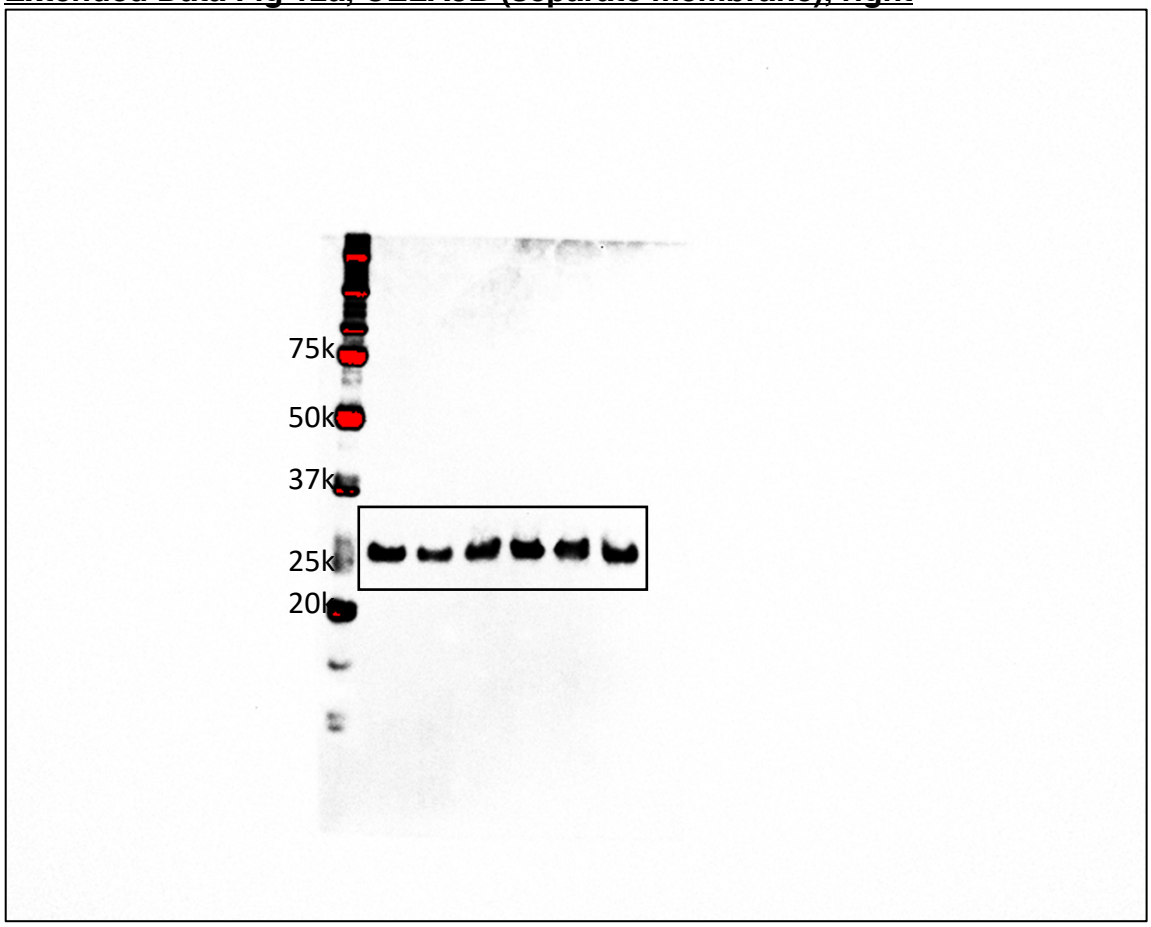
Extended Data Fig 12a, κ chain



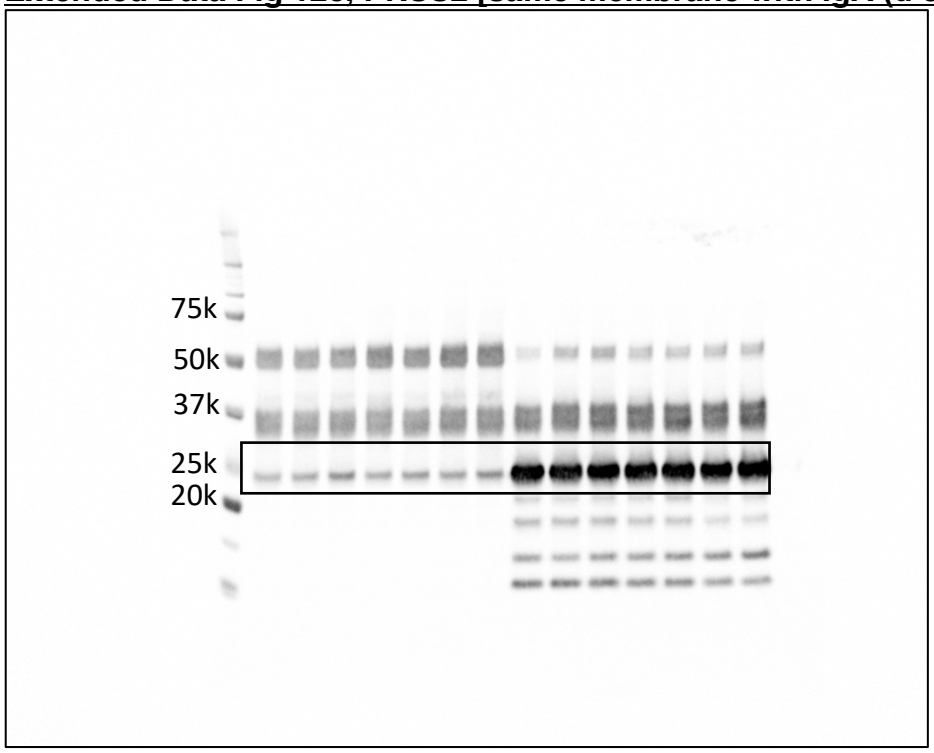
Extended Data Fig 12a, CELA3B (separate membrane), left



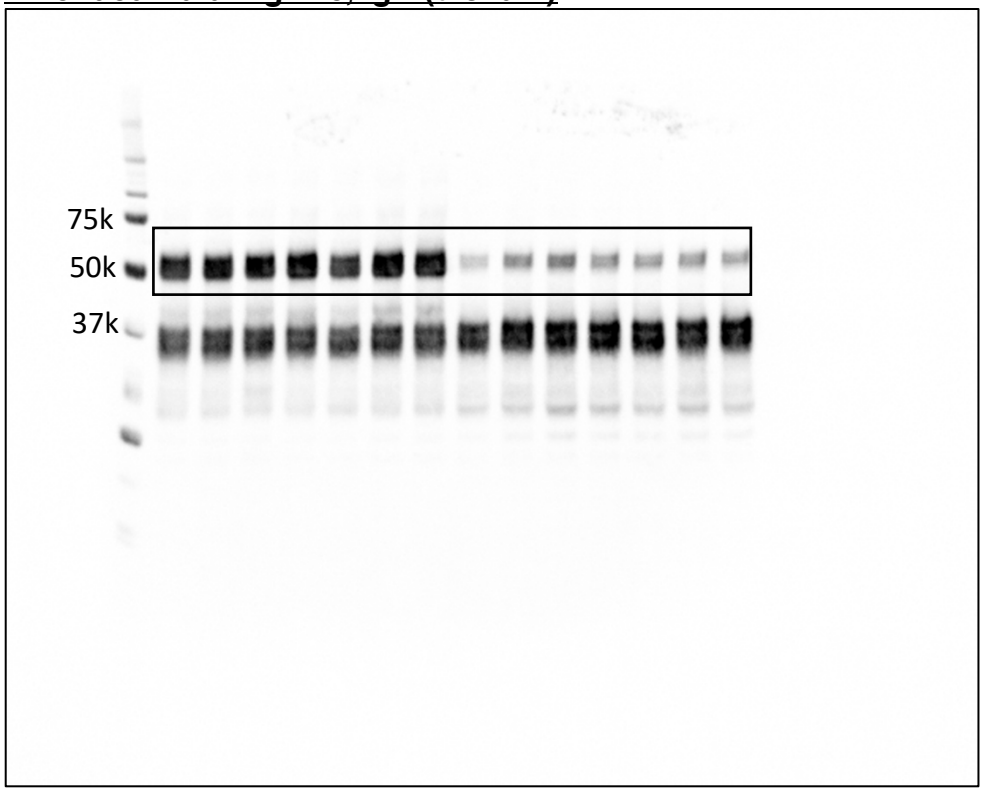
Extended Data Fig 12a, CELA3B (separate membrane), right



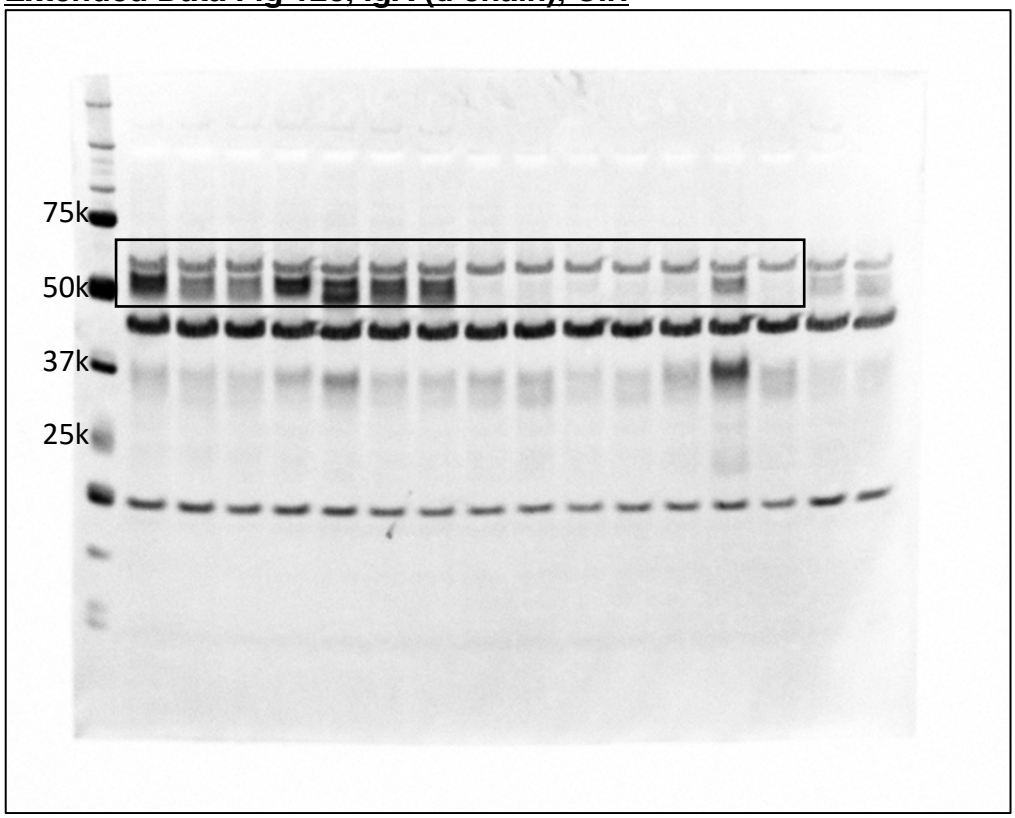
Extended Data Fig 12e, PRSS2 [same membrane with IgA (α chain)]



Extended Data Fig 12e, IgA (α chain)



Extended Data Fig 12e, IgA (α chain), *C.r.*



Extended Data Fig 12e, CELA3B (separate membrane)