

GATS Tag System for Protein Analysis with Biotin Labelling

Methods

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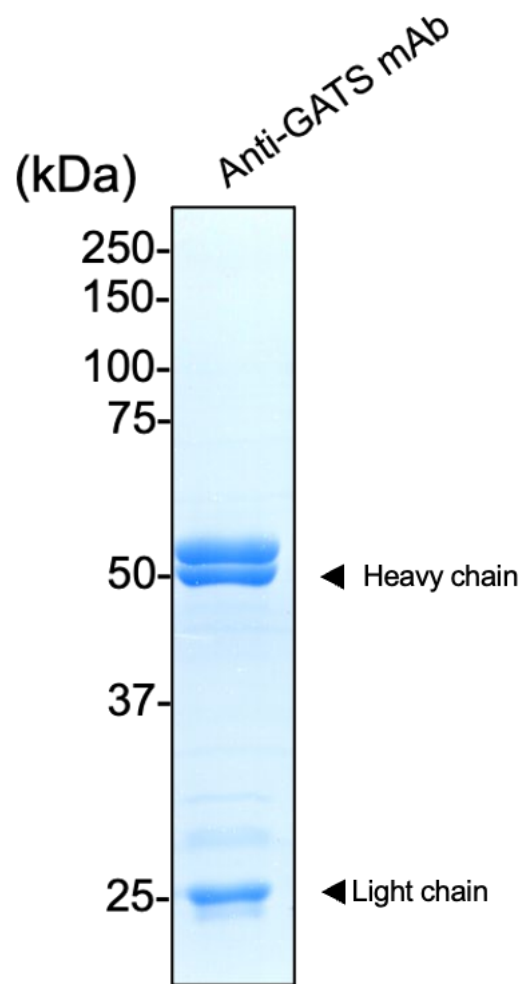
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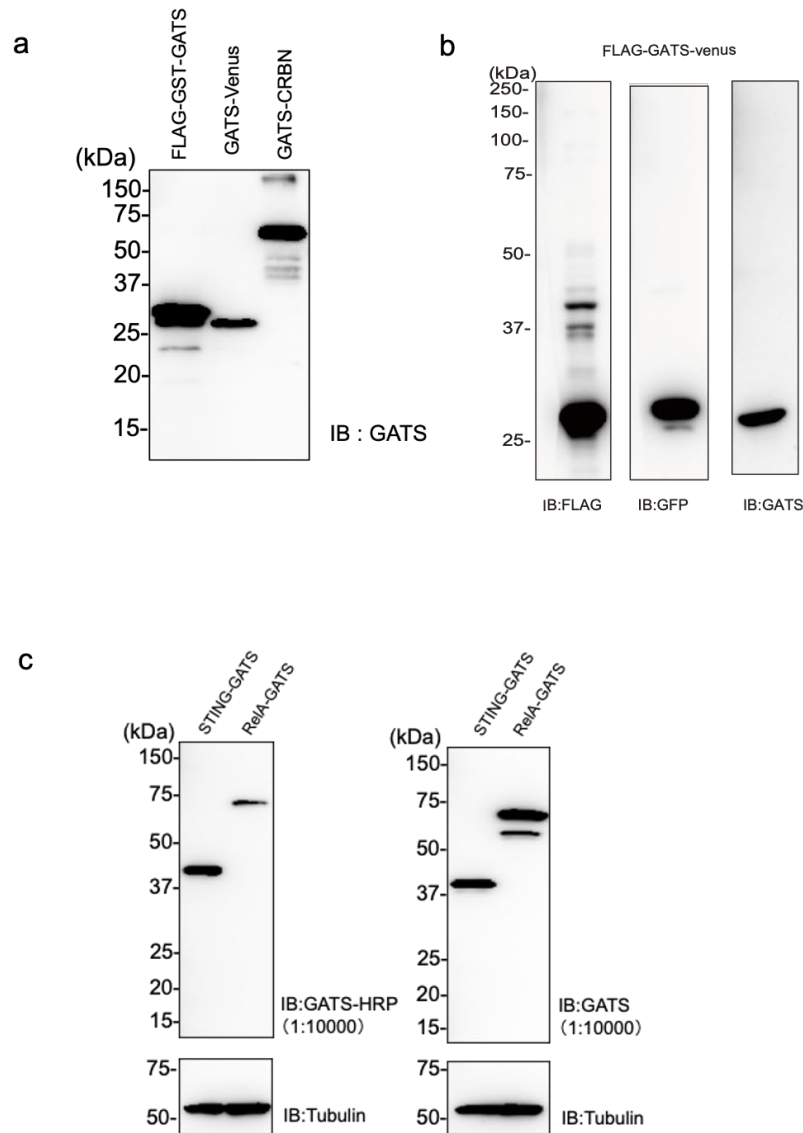
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Supplementary Fig. 1 Purification of the anti-GATS antibodies

Transfection of Expi293F cells with plasmids coding GATS antibody and purification of GATS antibody using ProteinA Sepharose from cultures grown for one week.



Supplementary Fig. 2 Immunoblotting detections using anti-GATS and HRP-conjugated anti-GATS antibodies

(a) Immunoblotting detection with anti-GATS antibodies of each protein synthesized using the wheat cell-free protein synthesis system. (b) Immunoblotting detection of FLAG-GATS-Venus by anti-FLAG and GFP, GATS antibodies. (c) Immunoblotting detection of STING-GATS- or RelA-GATS-expressing HEK293T cell lysates by anti-GATS- or HRP-fused anti-GATS antibodies. HRP-conjugated antibody was prepared using the HRP Conjugation Kit (Abcam).

Figure 1c

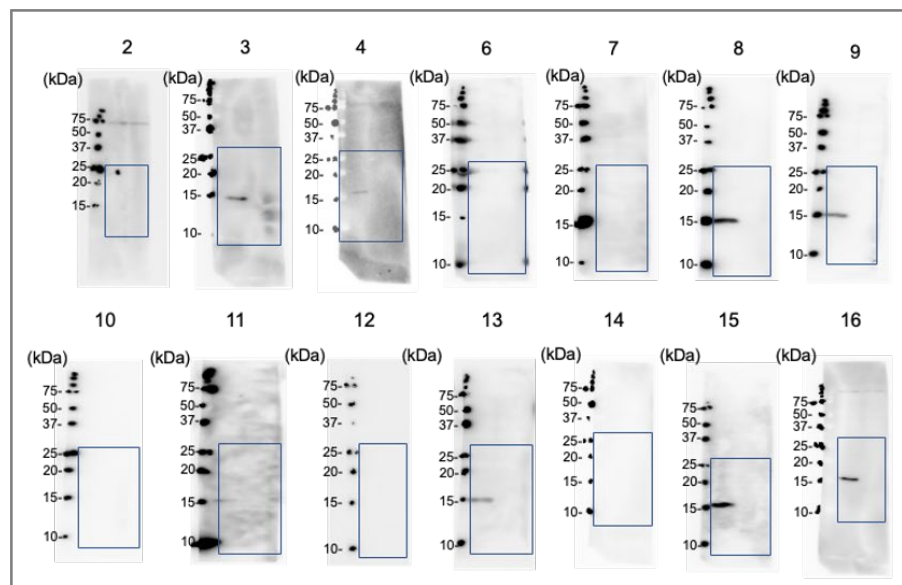
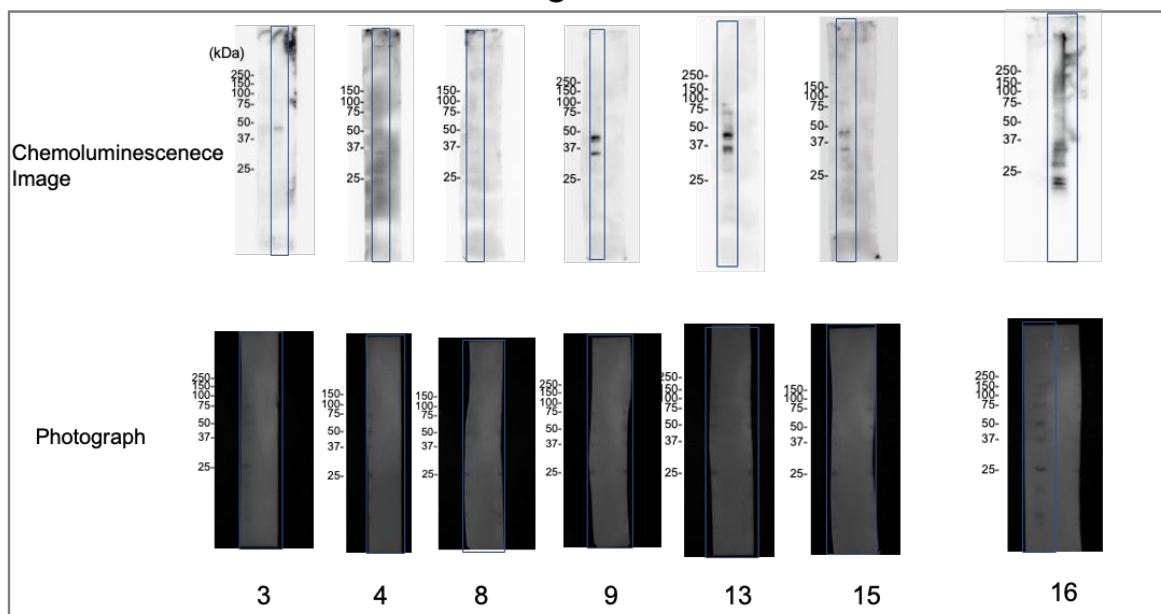


Figure 1e



Supplementary Fig. 3 Full blot images of immunoblotting (Fig. 1)

All blots were performed using ImageJ.

Figure 3a

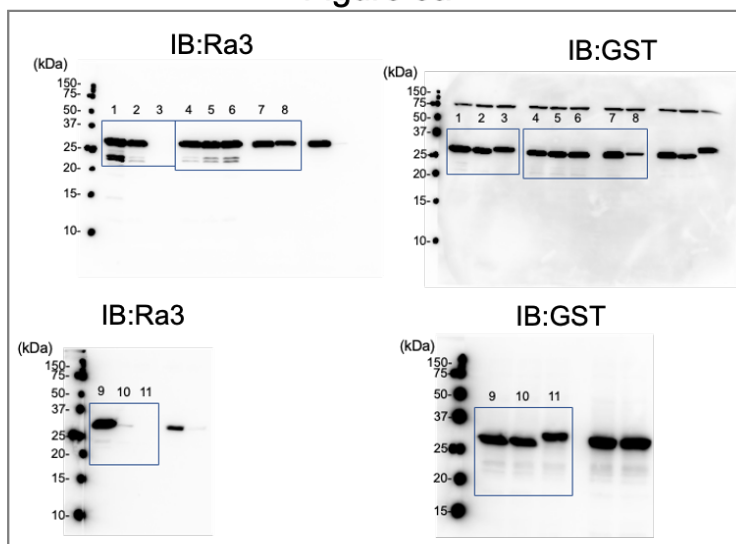


Figure 4a

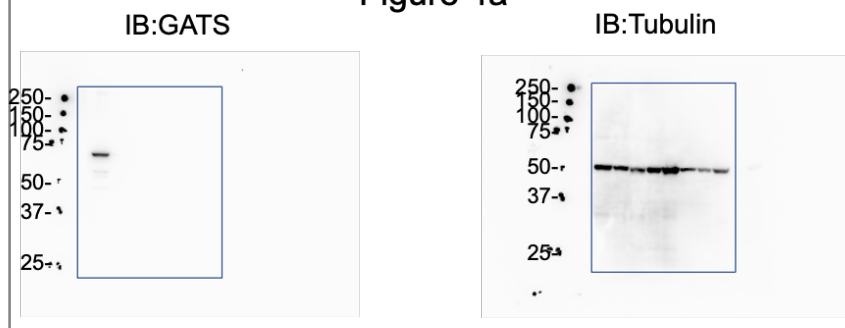
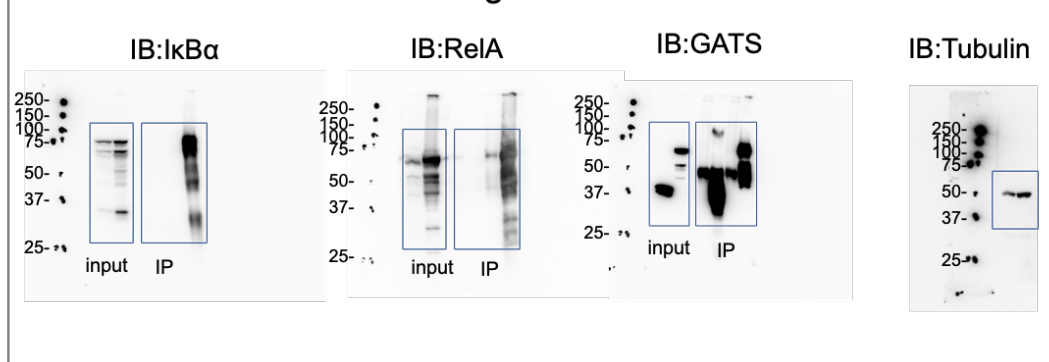


Figure 4b



Supplementary Fig. 4 Full blot images of immunoblotting (Fig. 3-4)

All blots were performed using ImageJ.

Fig 5a

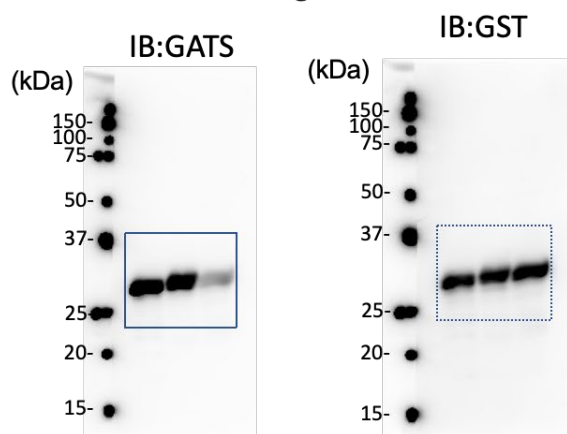


Fig 5b

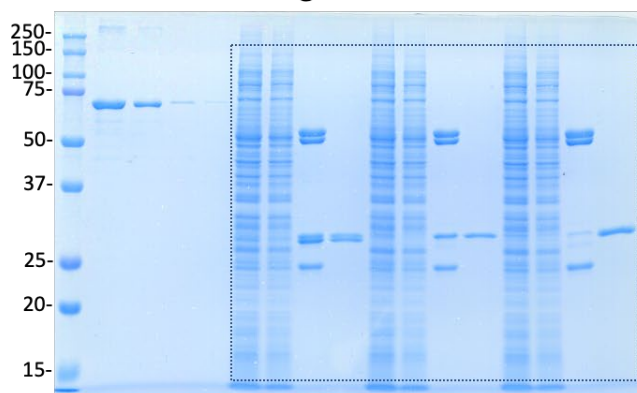
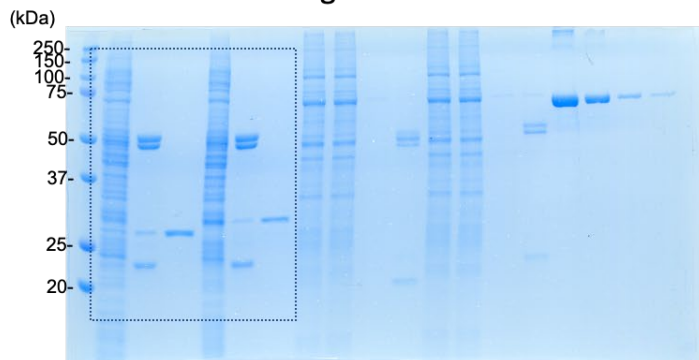
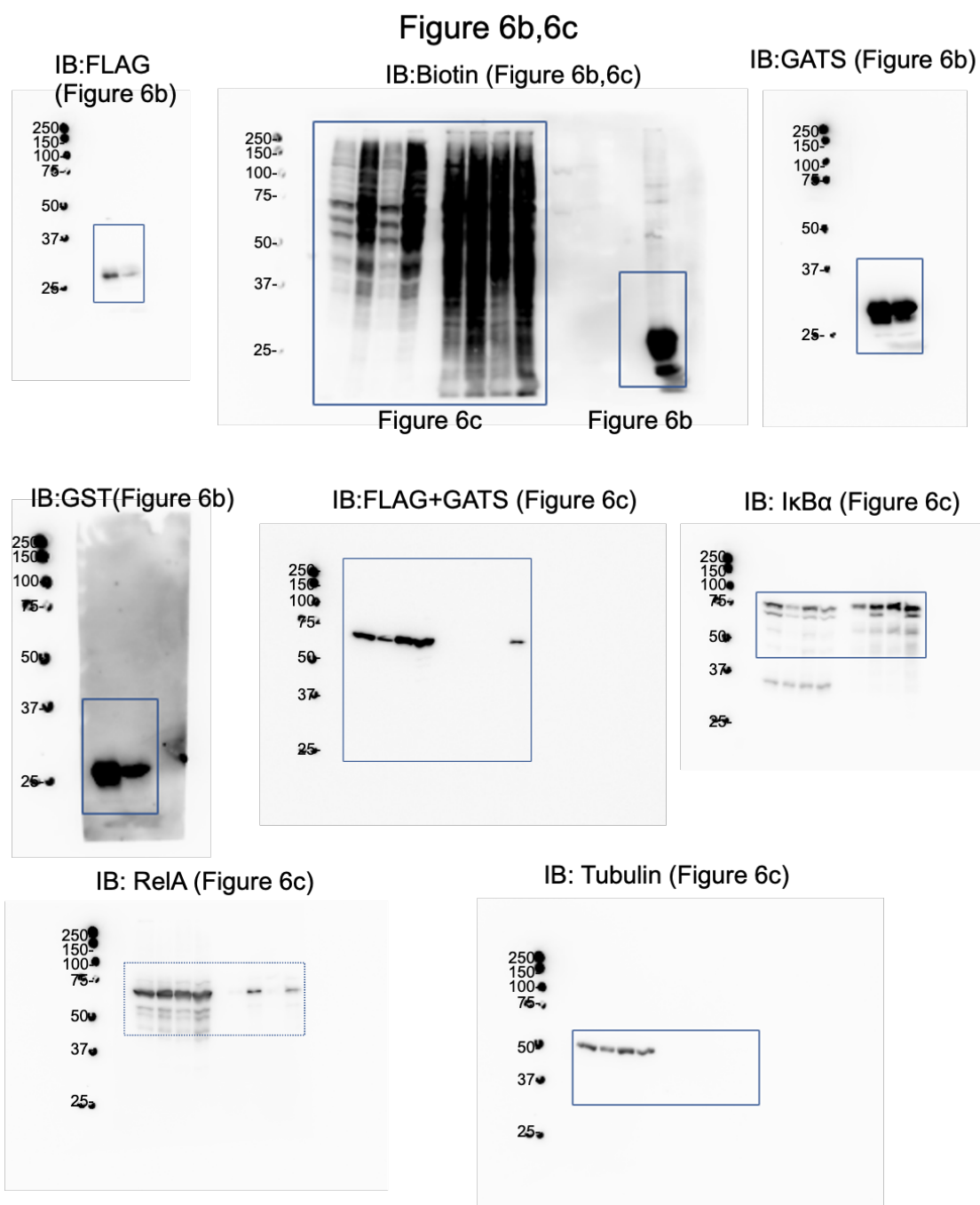


Fig 5c



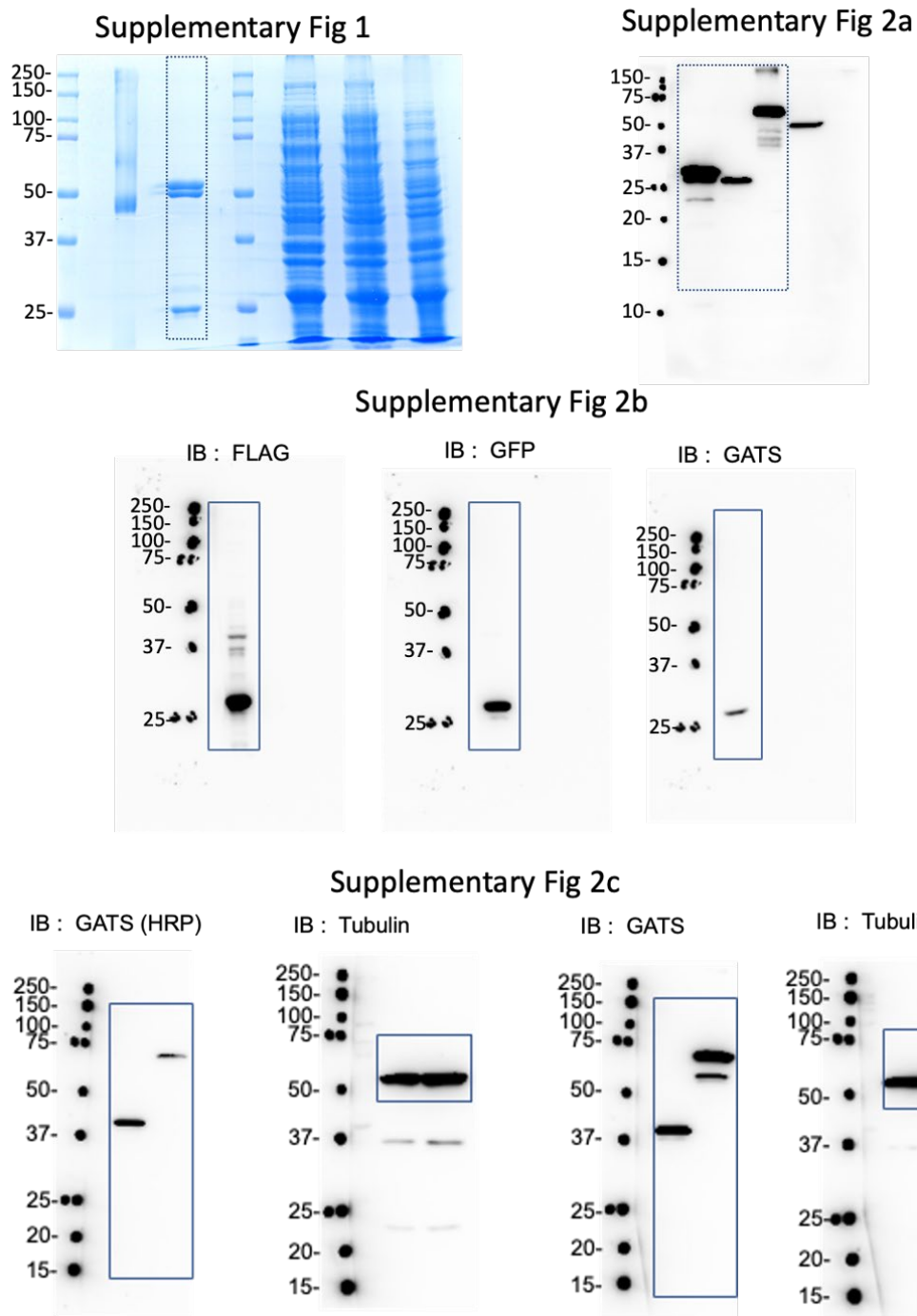
Supplementary Fig. 5 Full blot images of immunoblotting (Fig. 5)

All blots were performed using ImageJ.



Supplementary Fig. 6 Full blot images of immunoblotting (Fig. 6)

All blots were performed using ImageJ.



Supplementary Fig. 7 Full blot images of immunoblotting (Supplementary Fig. 1-2)

All blots were performed using ImageJ.