N-Glycan Modification of a Recombinant Protein via Coexpression of Human Glycosyltransferases in Silkworm Pupae

Supplementary Information

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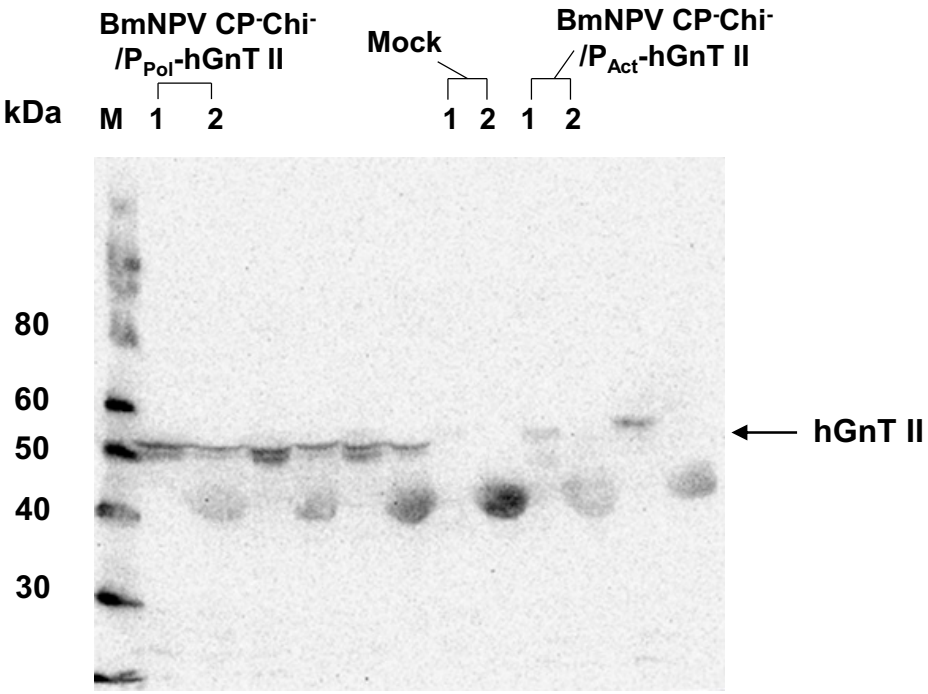

Figure S1. The western blotting data of Fig 2 (A). Lane 1: Supernatant, lane 2: Pellet. The band observed at 40 kDa is non-specific because the band was also observed in the pellet fraction in the mock sample.

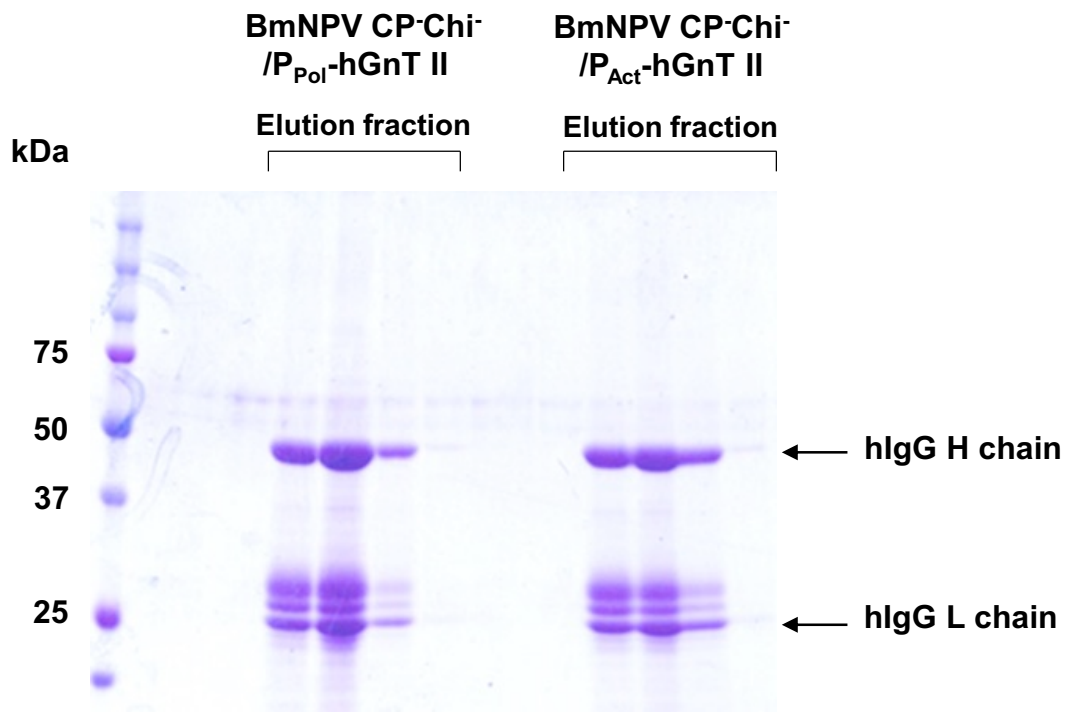

Figure S2. The western blotting data of Fig 2 (B).

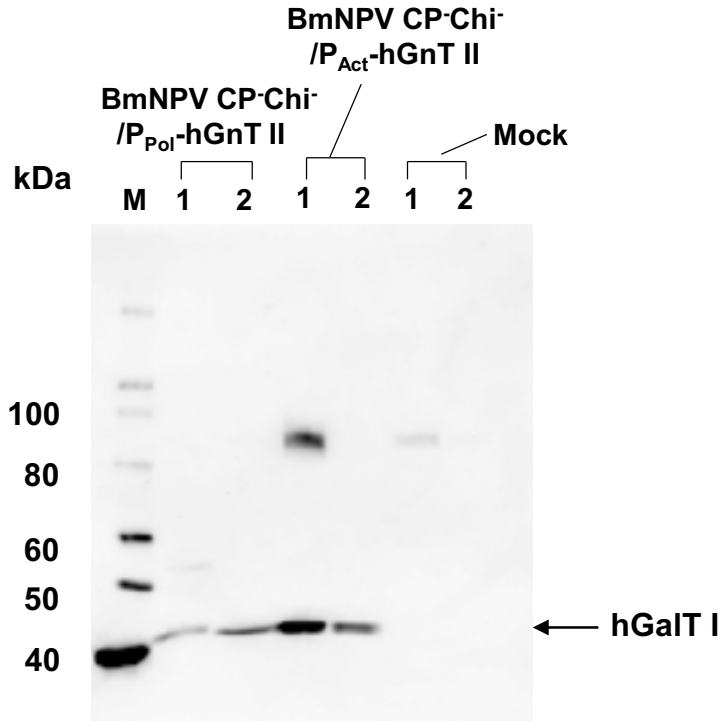

Figure S3. The western blotting data of Fig 4 (A). Lane 1: Supernatant, lane 2: Pellet. The band observed at 90 kDa is non-specific because the band was also observed in the supernatant fraction in the mock sample.

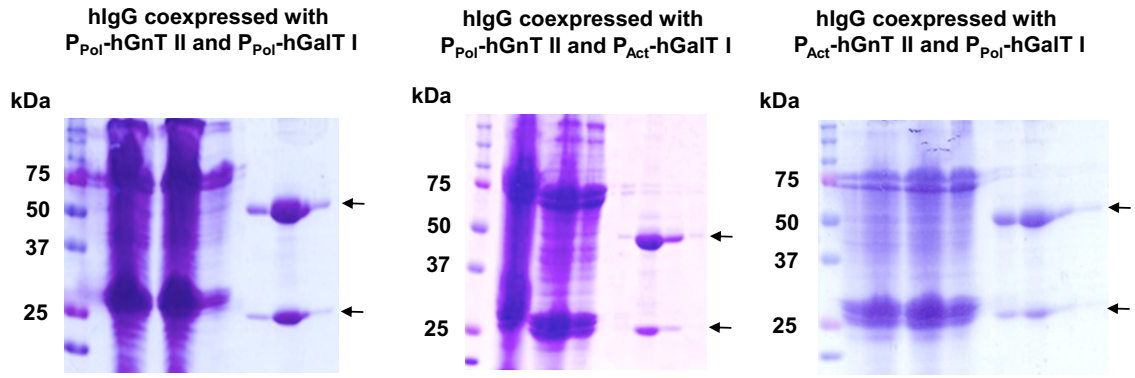

Figure S4. The western blotting data of Fig 4 (B). Arrows indicate hIgG H chain (at around 50 kDa) and light chain (at around 25 kDa).

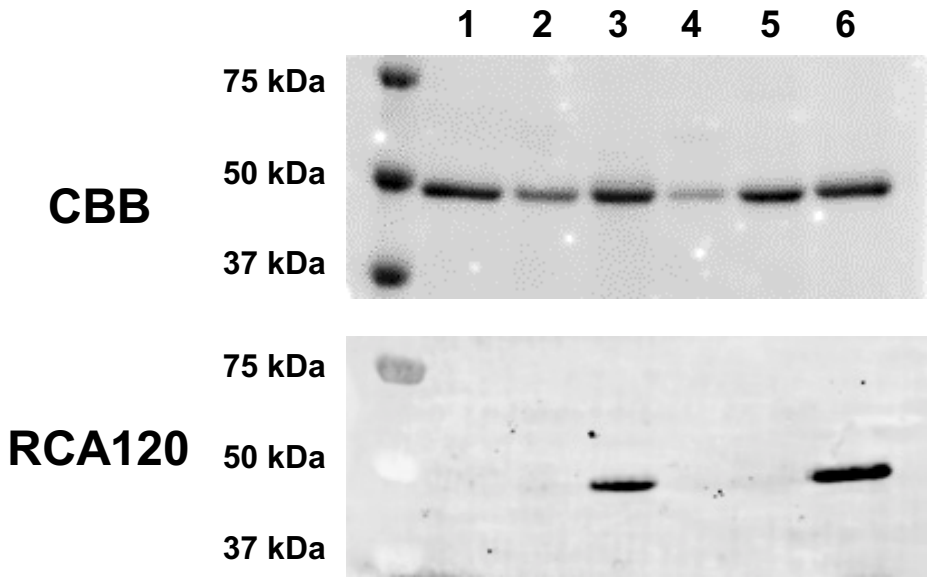

Figure S5. Lectin blot analysis of purified hIgG using FITC-conjugated RCA120. In this lectin blot, 10 μg of each purified hIgG was used. Lane 1: hIgG, lane 2: hIgG coexpressed with P_{Act}-hGnT II, lane 3: hIgG coexpressed with P_{Act}-hGnT II and P_{Pol}-hGalT I, lane 4: hIgG coexpressed with P_{Pol}-hGnT II, lane 5: hIgG coexpressed with P_{Pol}-hGnT II and P_{Act}-hGalT I, lane 6: hIgG coexpressed with P_{Pol}-hGnT II and P_{Pol}-hGalT I.