

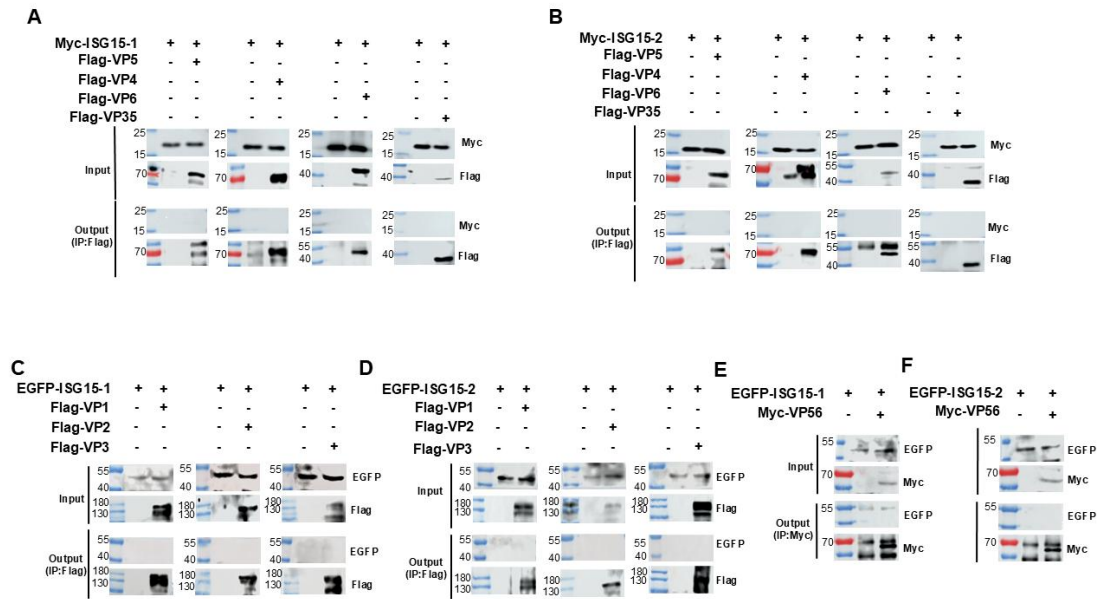


Fig S1. ISG15s show no interaction with GCRV-II VP1, VP2, VP3, VP4, VP5, VP6, VP35, or VP56 proteins. (A-B) 293T cells seeded in 25-cm² dishes overnight were co-transfected with pMyc-ISG15-1 or pMyc-ISG15-2, together with pFlag-VP5, pFlag-VP4, pFlag-VP6, pFlag-VP35, or pFlag (control). The cells were collected at 24 h post-transfection, followed by Co-IP assay with anti-Flag antibody. (C-D) 293T cells were co-transfected with EGFP-ISG15-1 or EGFP -ISG15-2, together with pFlag-VP1, pFlag-VP2, pFlag-VP3 or pFlag (control). The cells were collected at 24 h post-transfection, followed by Co-IP assay with anti-Flag antibody. (E-F) 293T cells were co-transfected with EGFP-ISG15-1 or EGFP-ISG15-2, together with pMyc-VP56 or pMyc (control). The cells were collected at 24 h post-transfection, followed by Co-IP assay with anti-Myc antibody. Then the immunoprecipitates and cell lysates were analyzed with anti-Flag, anti-Myc, and anti-EGFP antibodies.

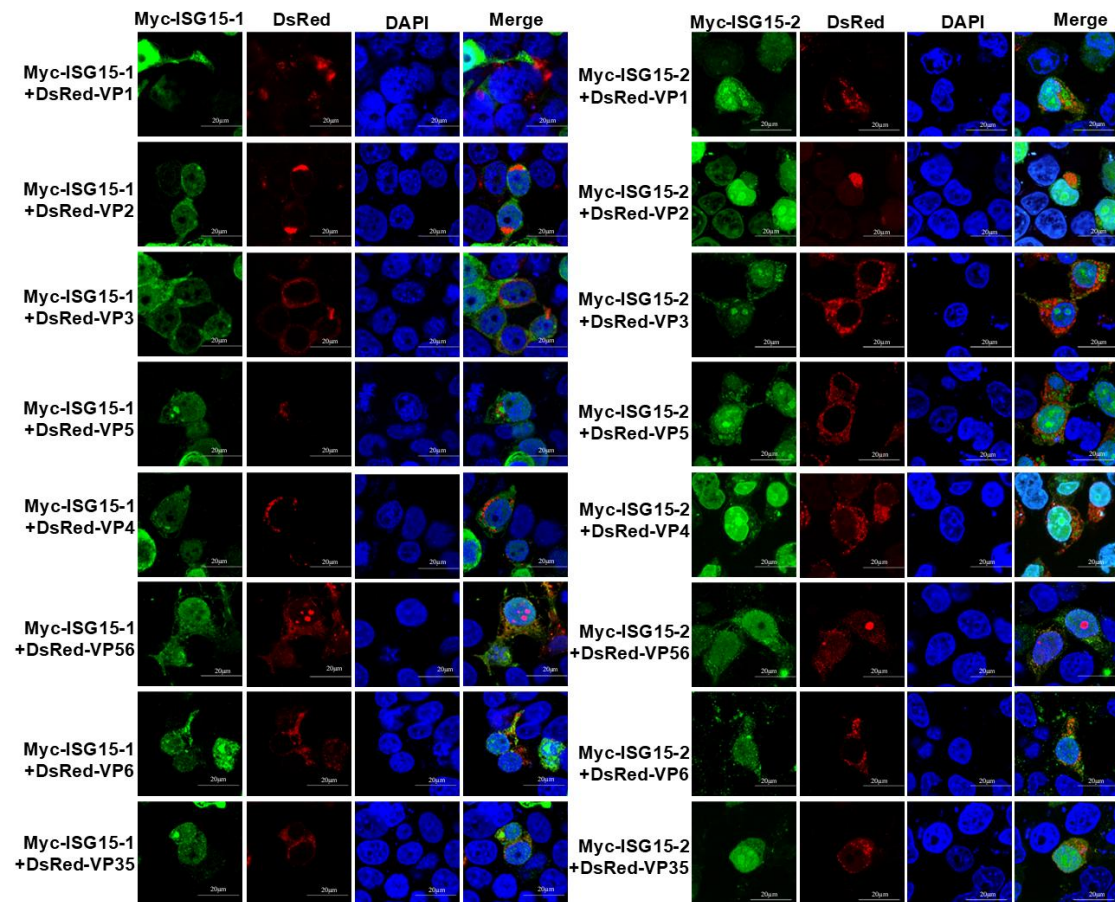


Fig S2. ISG15s exhibit no colocalization with GCRV-II VP1, VP2, VP3, VP4, VP5, VP6, VP35, or VP56 proteins. 293T cells were seeded onto glass coverslips in 12-well plates and cultured overnight. The cells were then transfected with pMyc-gcISG15-1 or pMyc-gcISG15-2, together with pDsRed-VP1, pDsRed-VP2, pDsRed-VP3, pDsRed-VP5, pDsRed-VP4, pDsRed-VP56, pDsRed-VP6, and pDsRed-VP35. At 24 h post-transfection, the cells were fixed, permeabilized, and stained with mouse anti-Myc (green) antibody, followed by staining with secondary antibodies and DAPI. The cells were observed under a confocal microscope. Scale bars, 20 μ m.

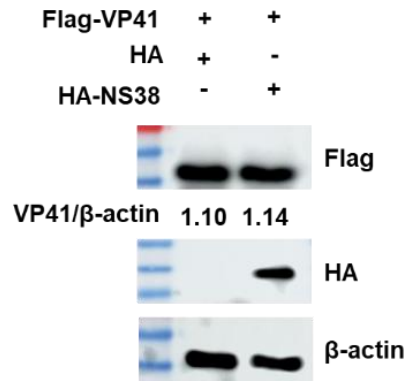
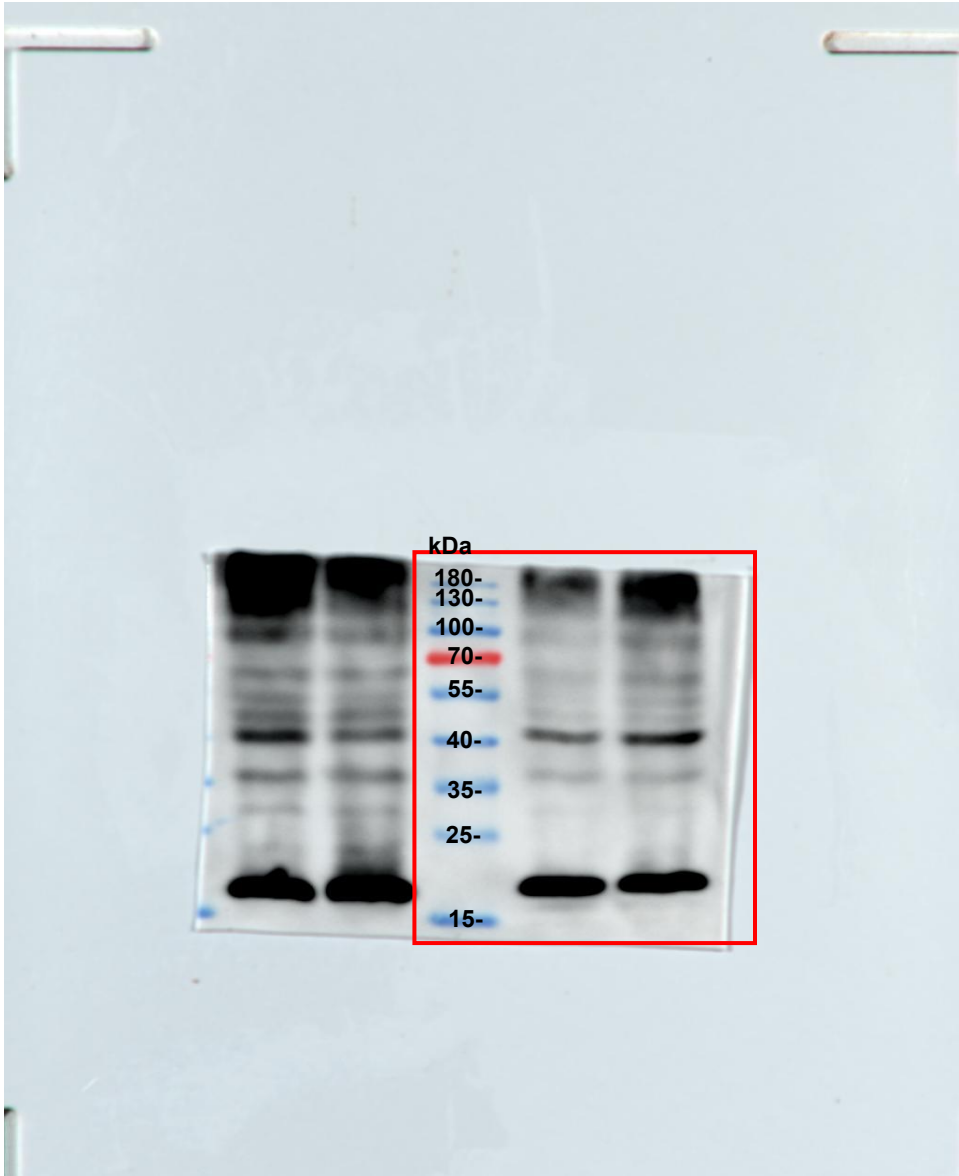


Fig S3. NS38 has no effect on VP41 basal protein levels. GCO cells seeded in 6-well plates overnight were co-transfected with pFlag-VP41 together with increasing amounts of pHA-NS38 or pHA (control). At 24 h post-transfection, cells were harvested and analyzed by Western blotting using the indicated antibodies. The integrated optical densities of the protein bands were quantified using Image-Pro Plus 6.0.

Original Western blot data

Fig.4 A



ISG15-1



ISG15-2

Fig.4 B



Fig.5 A

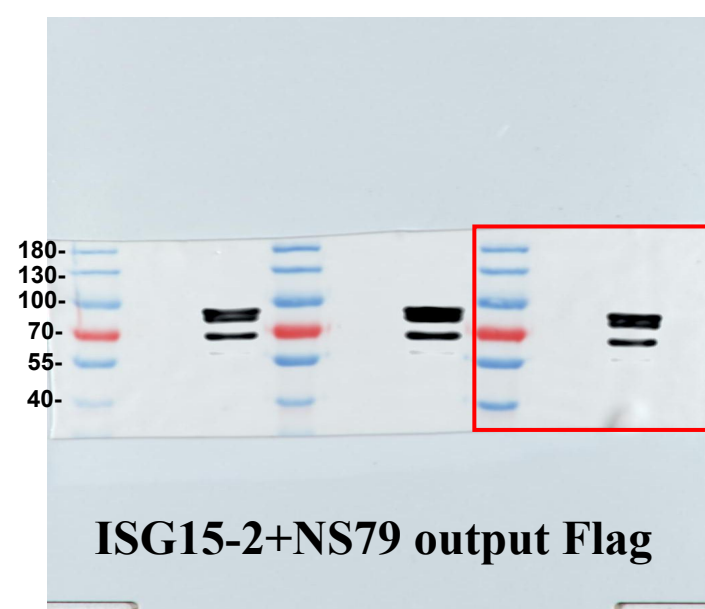
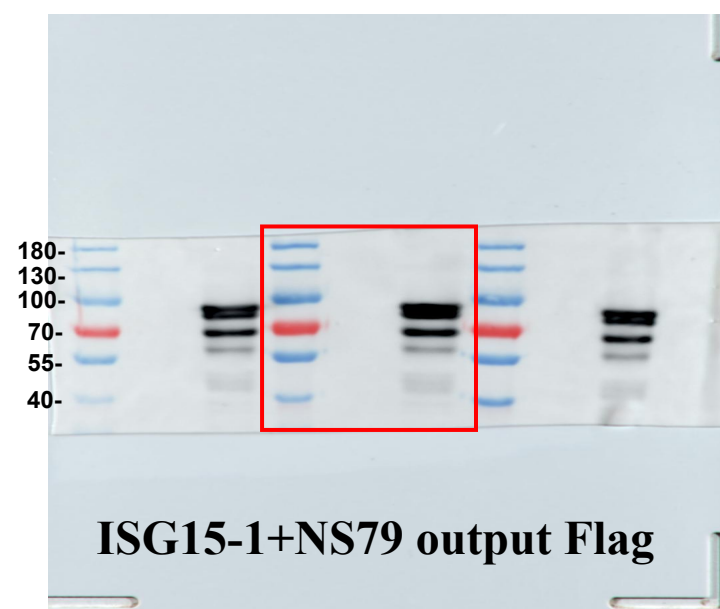
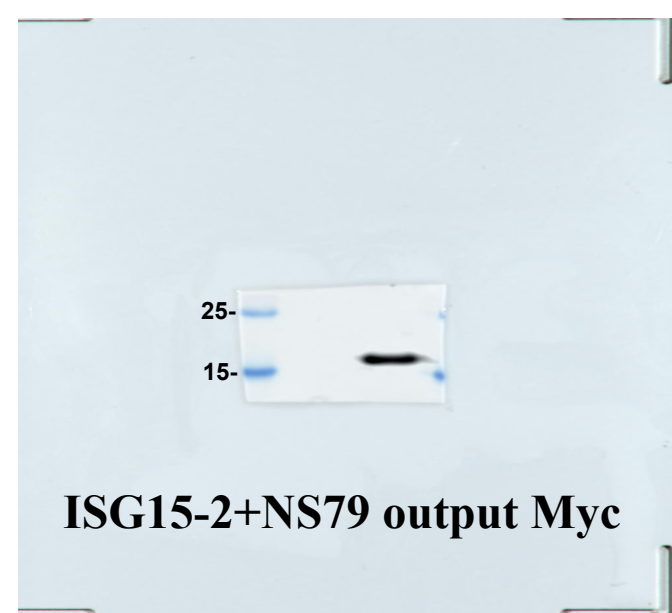
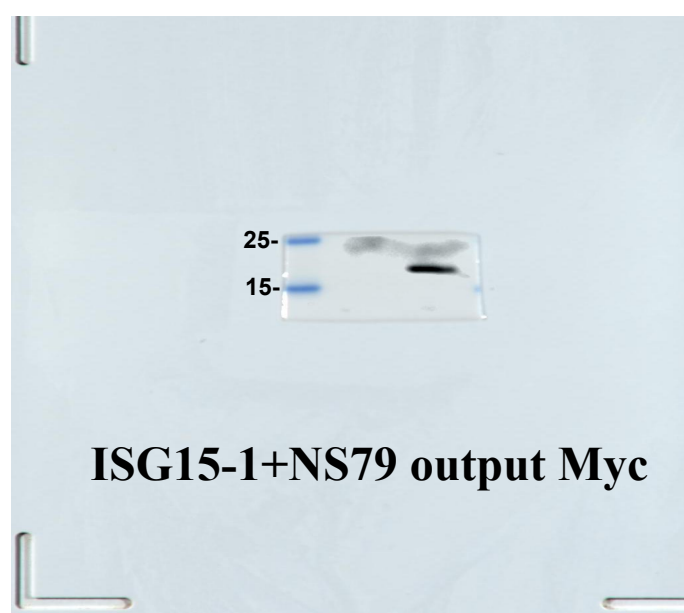
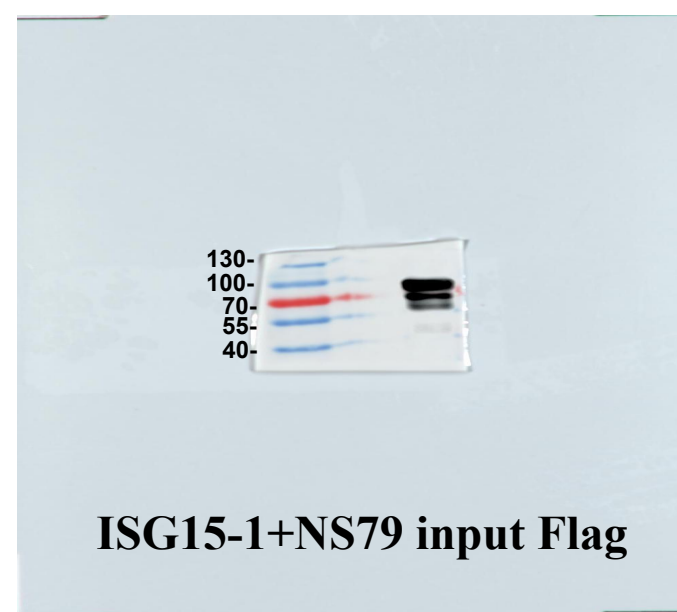
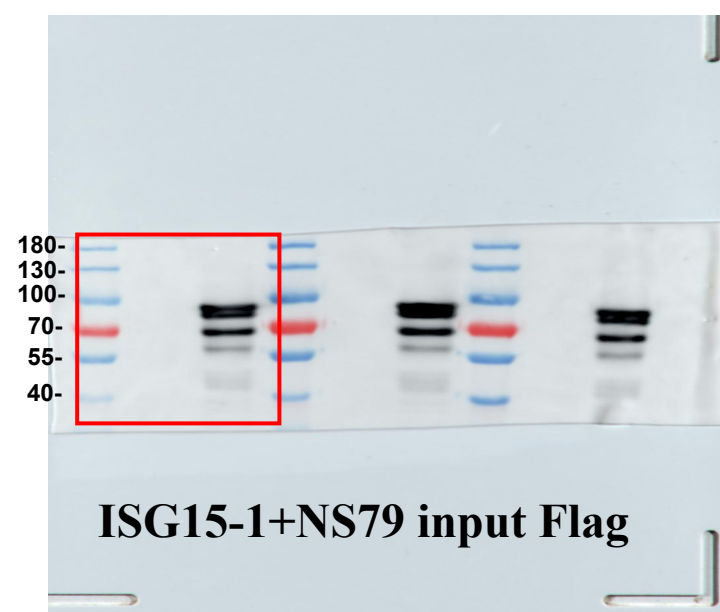
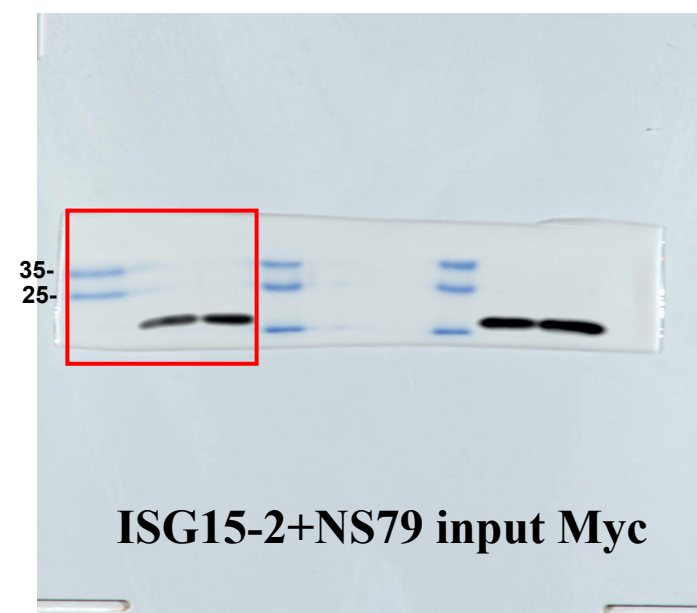
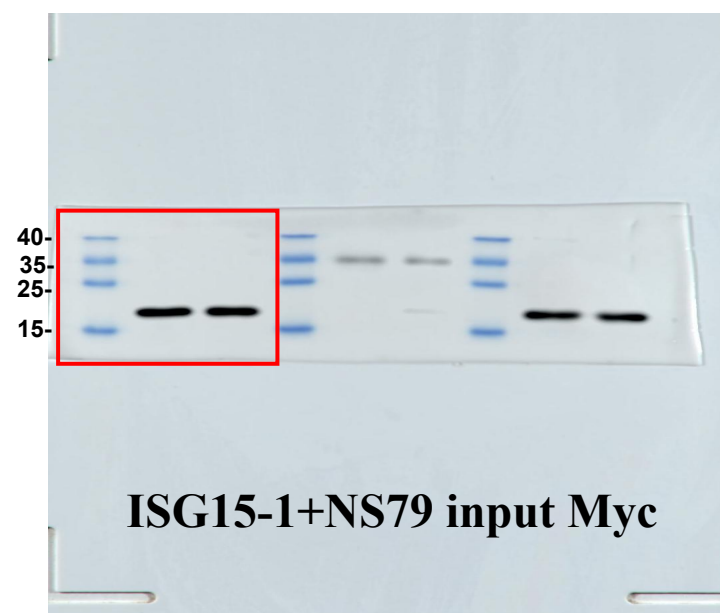


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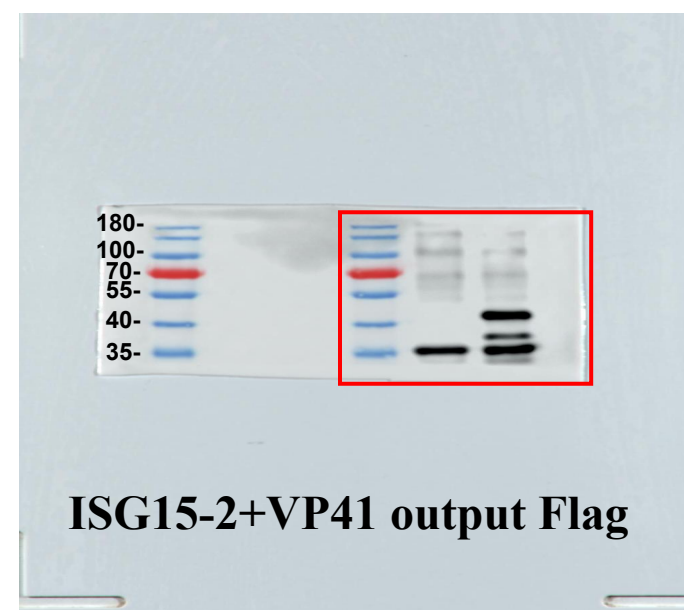
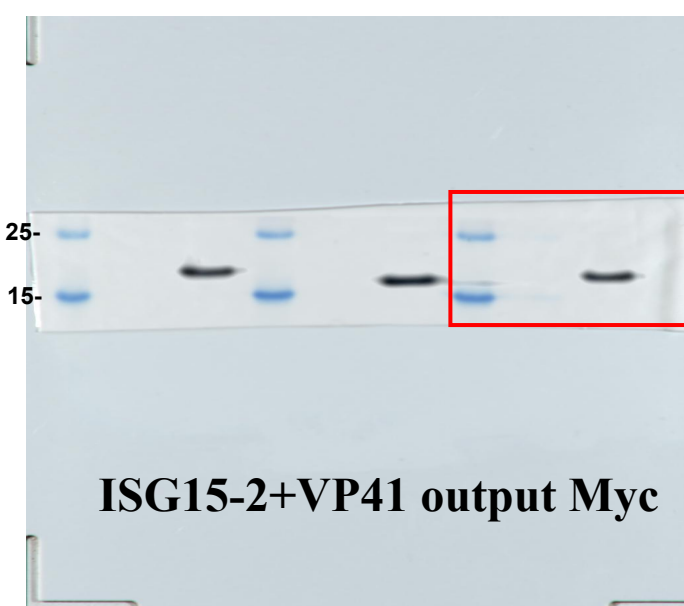
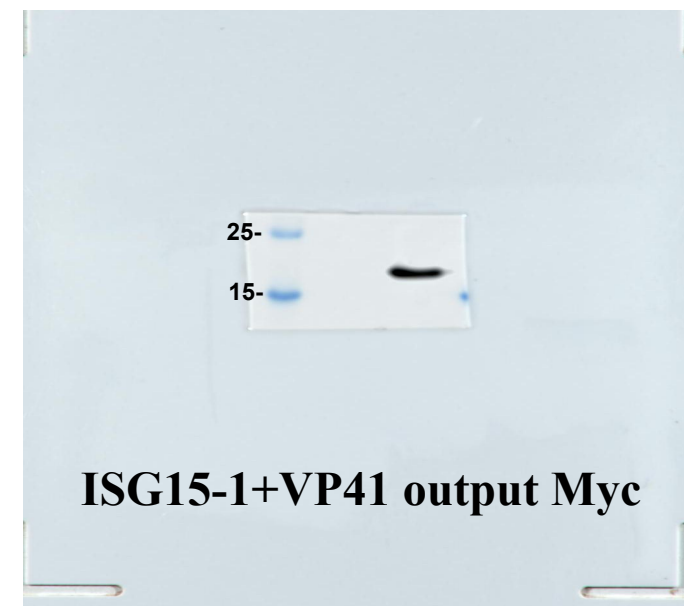
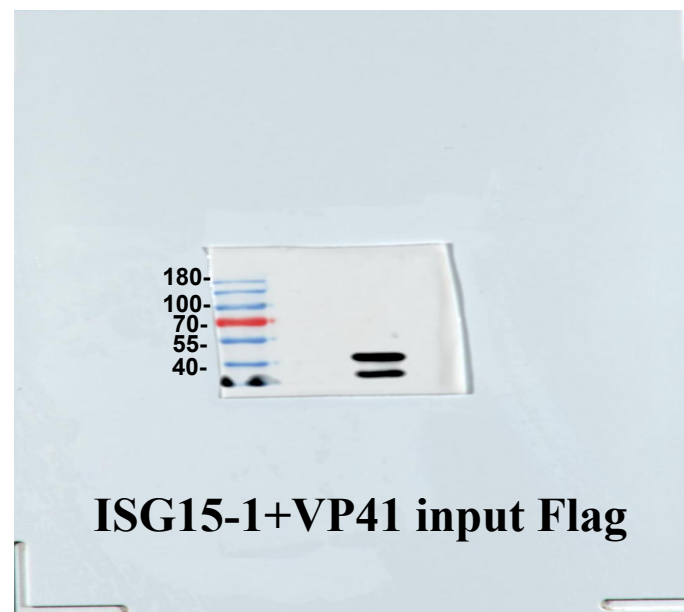


Fig.5 A

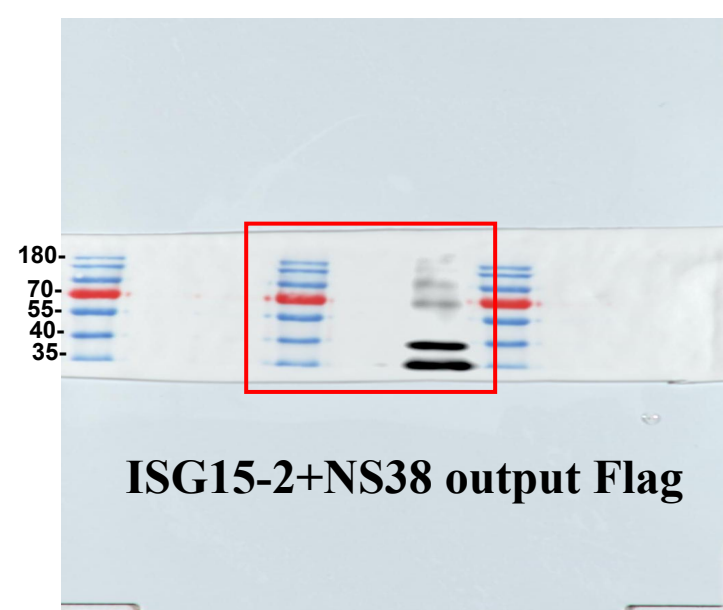
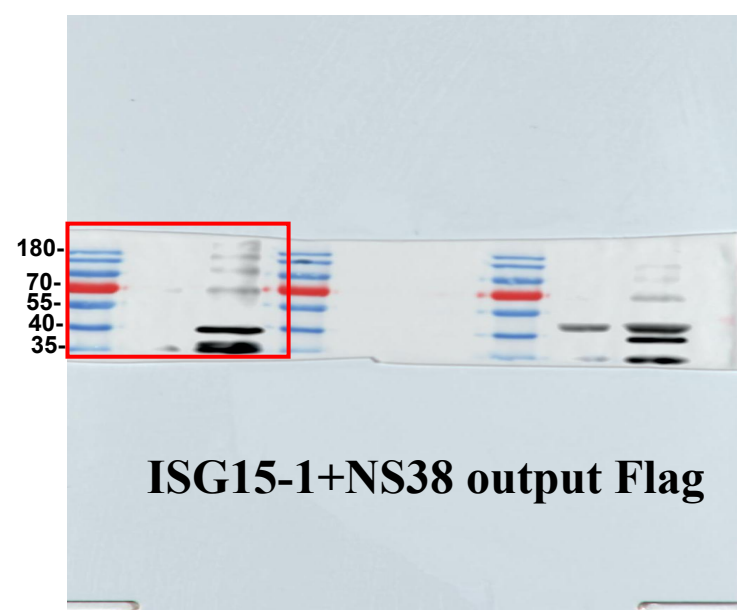
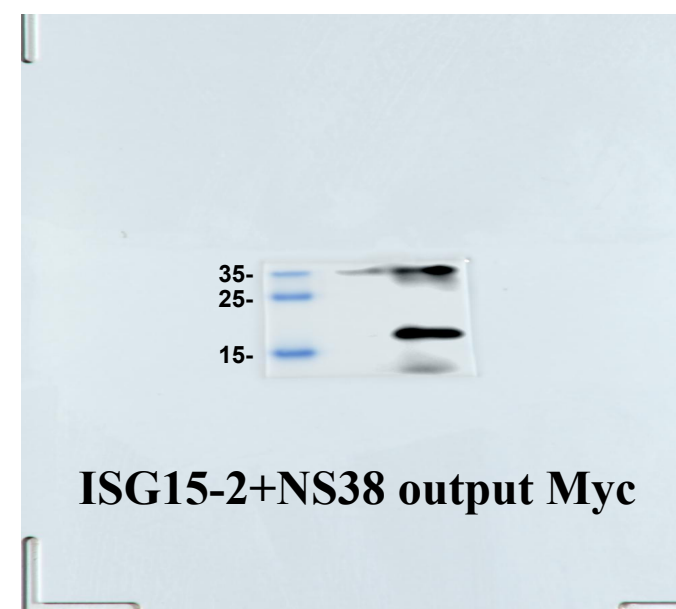
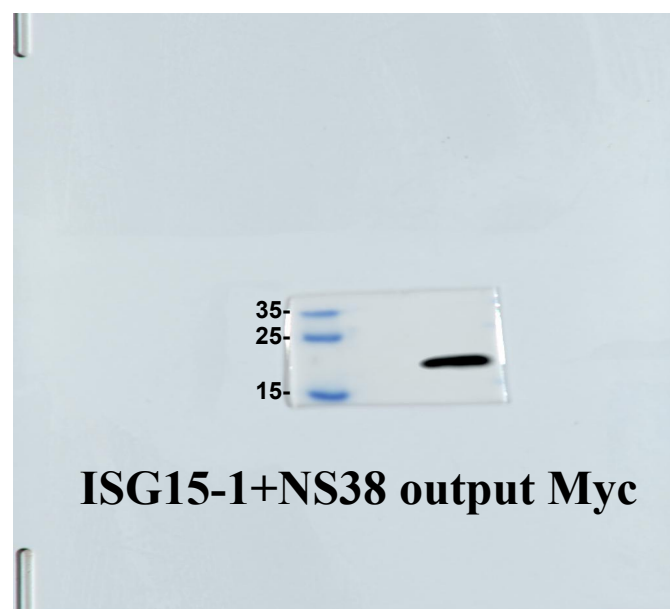
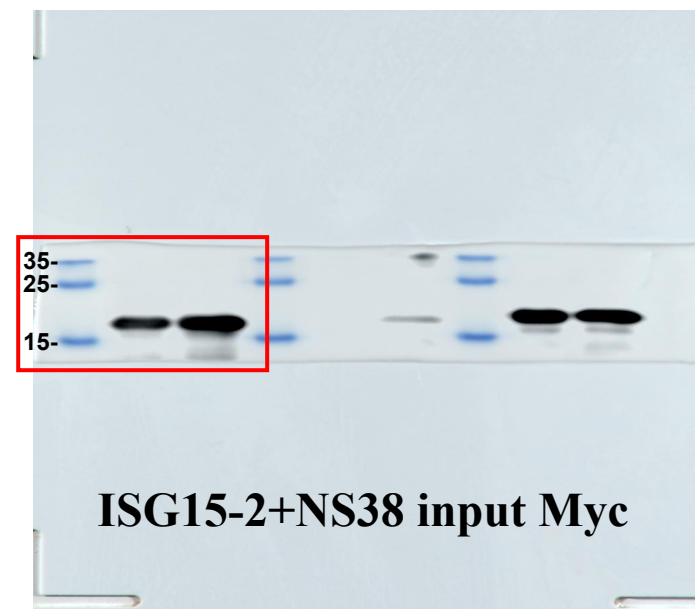
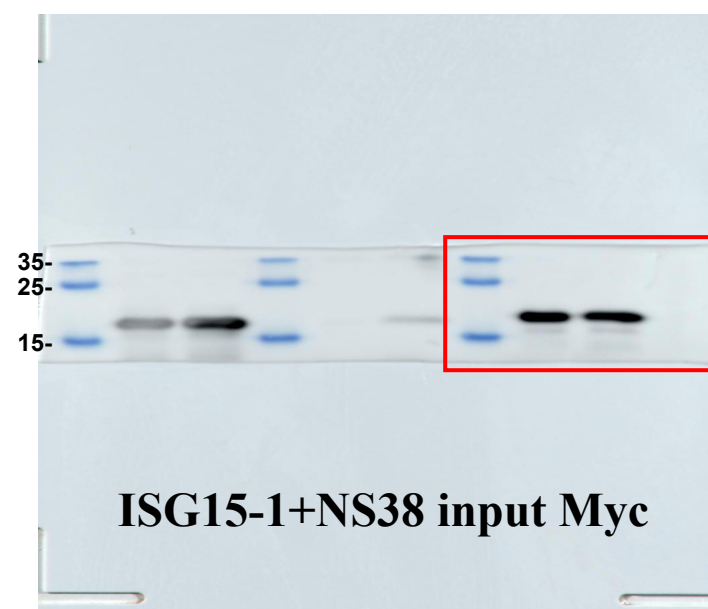


Fig.6 B

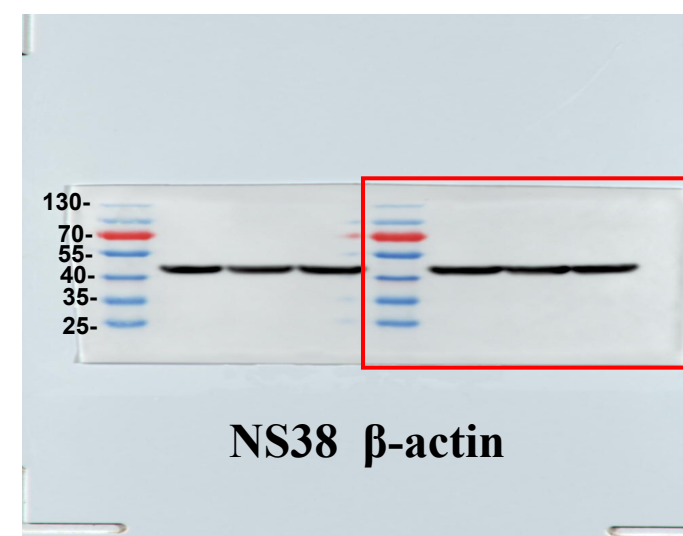
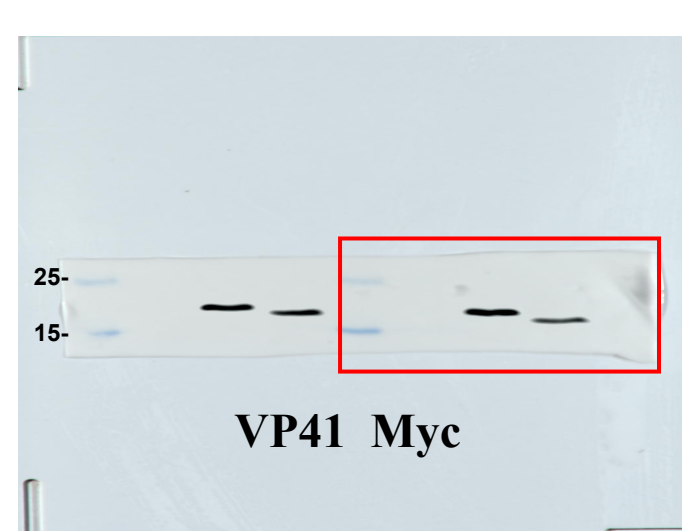
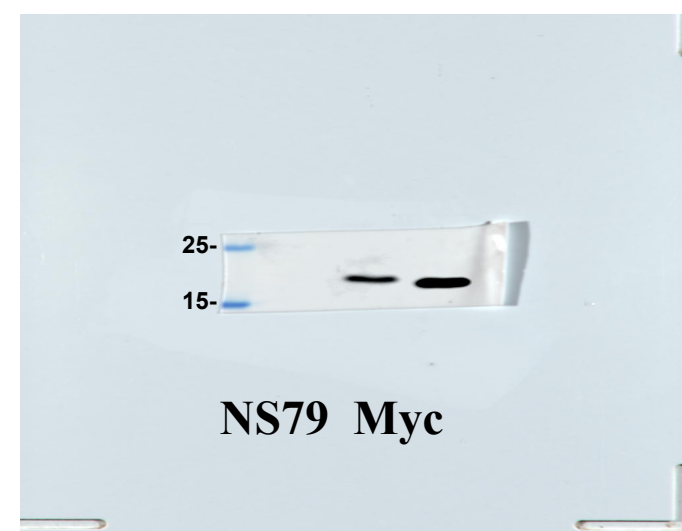
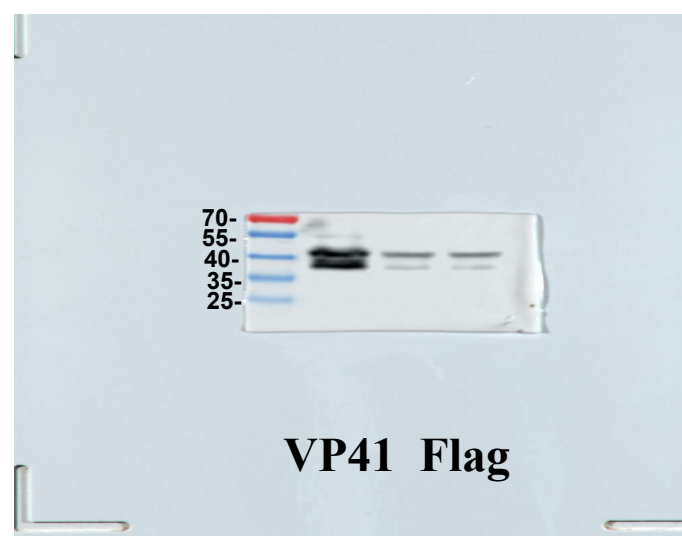
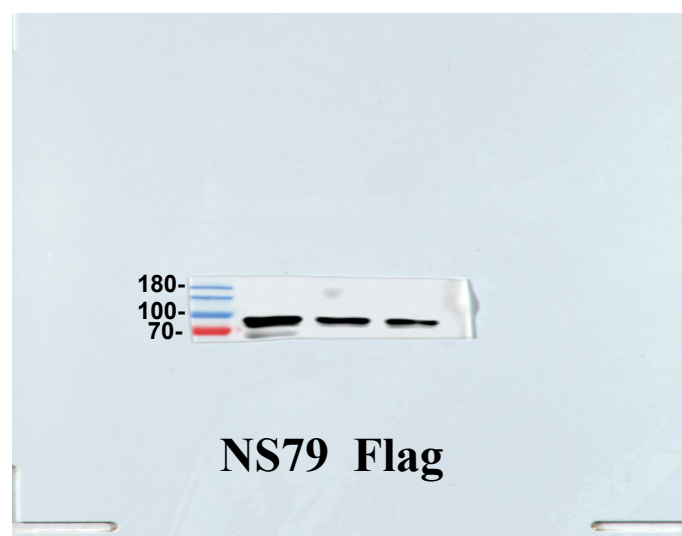


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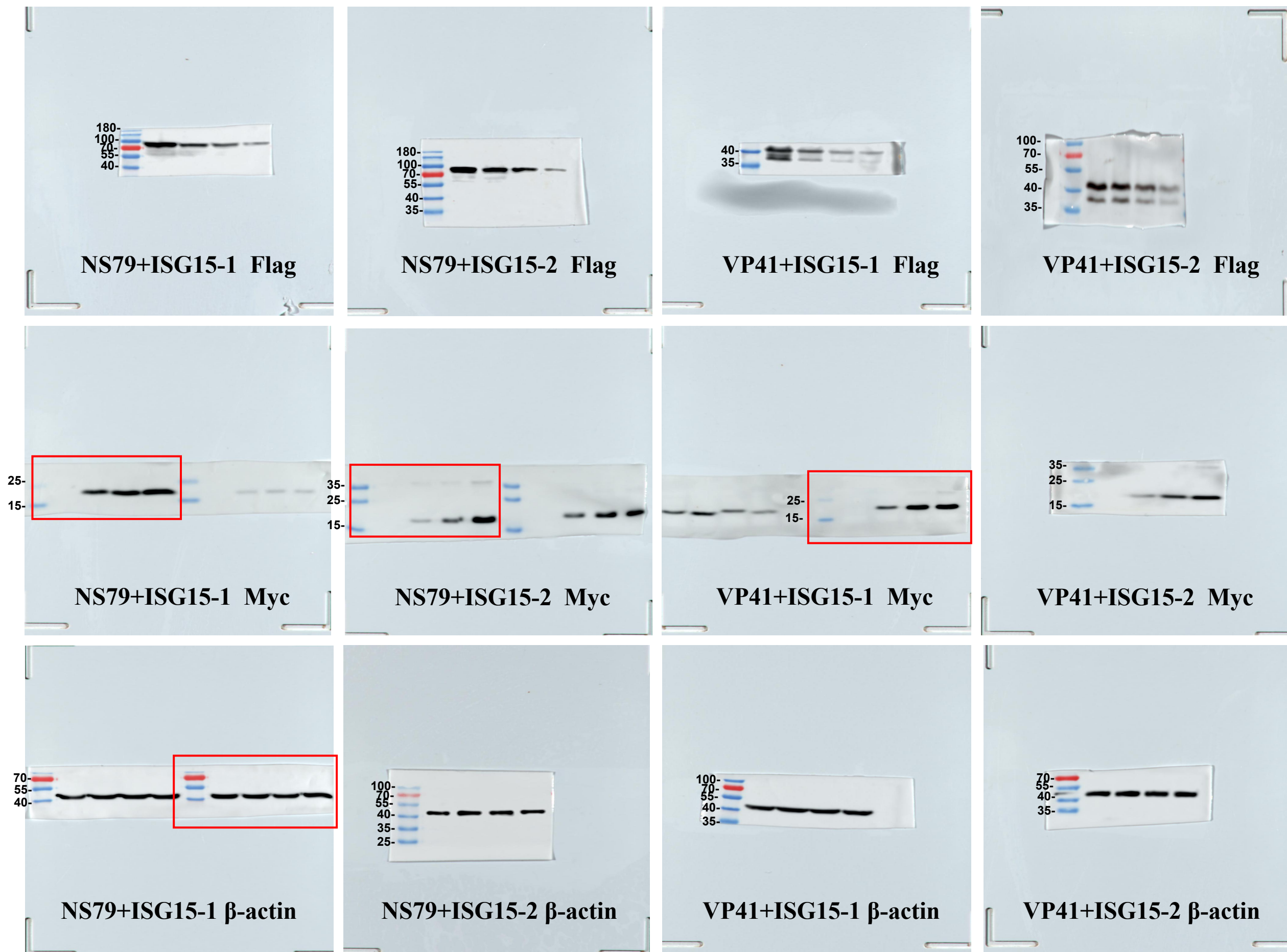


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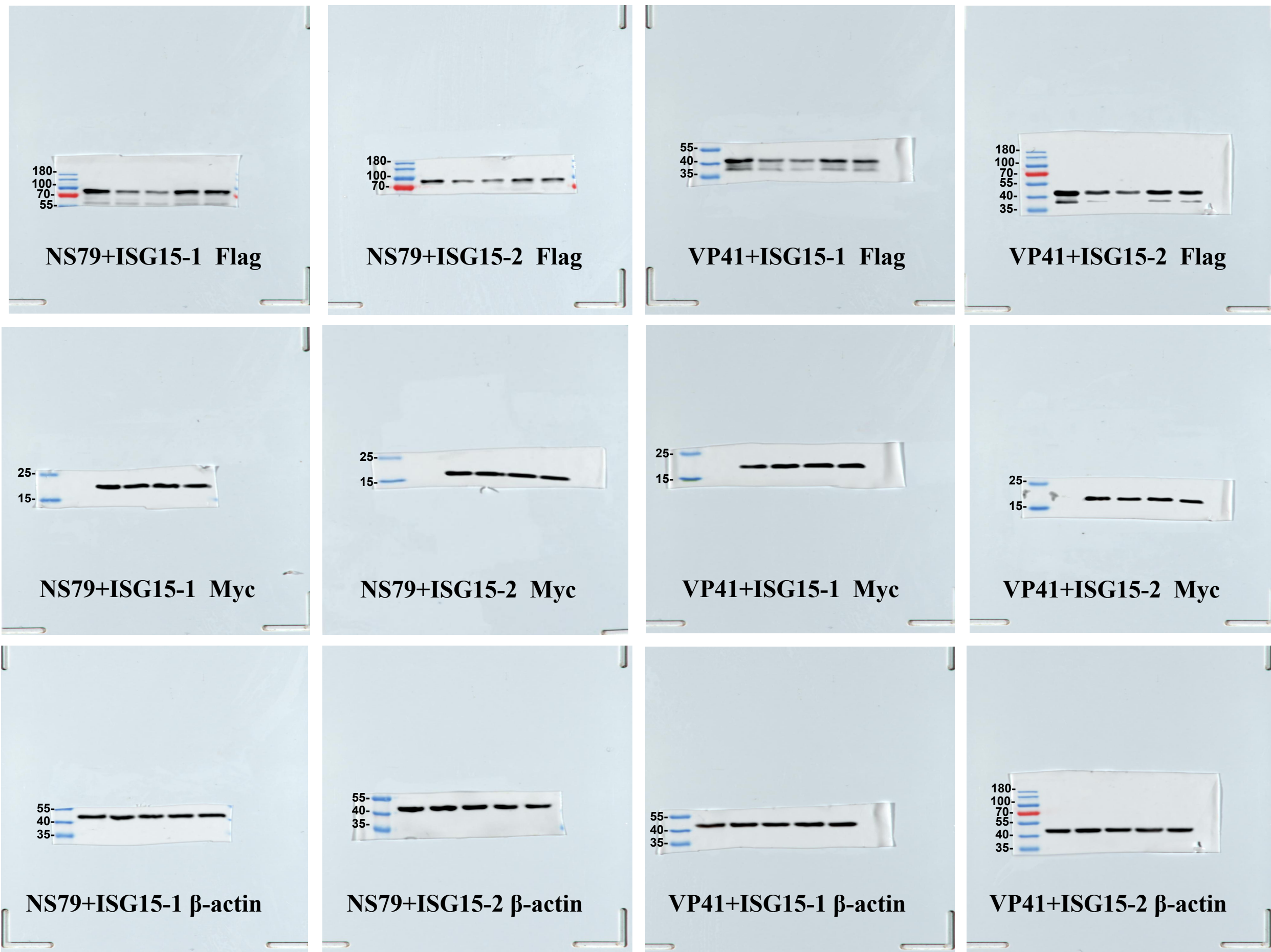


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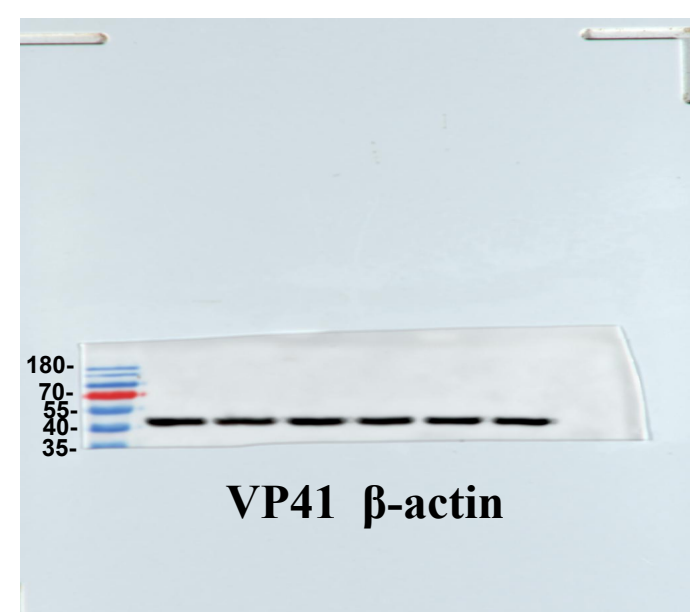
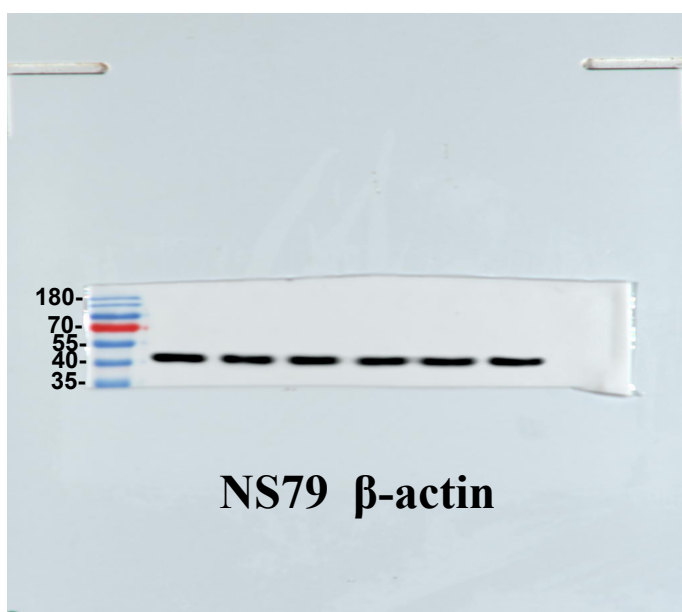
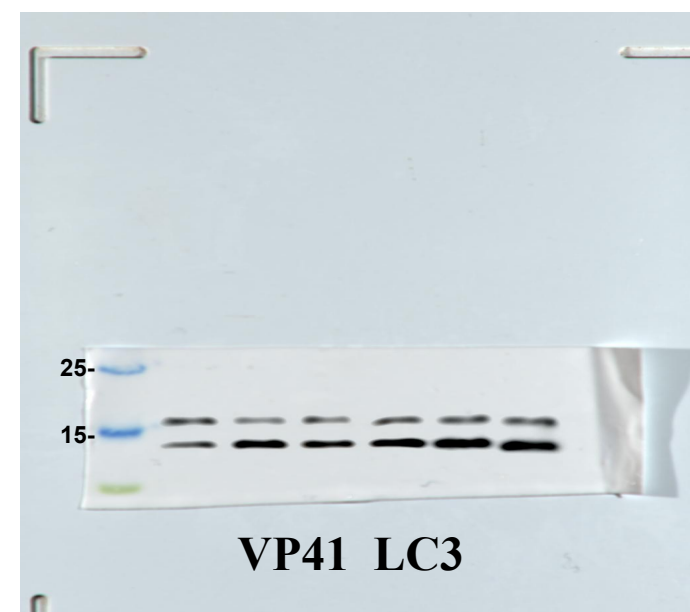
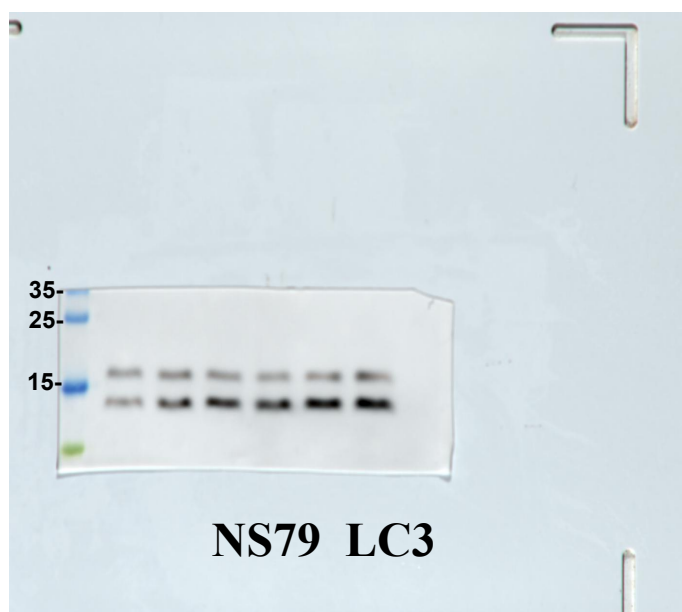
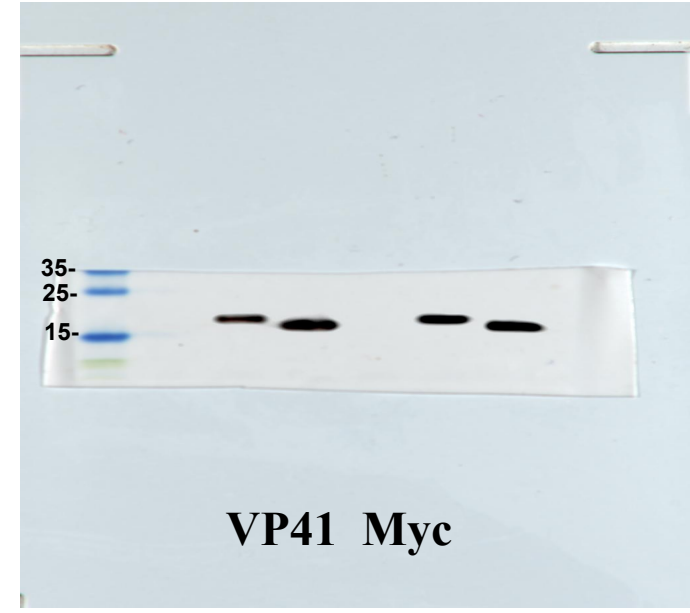
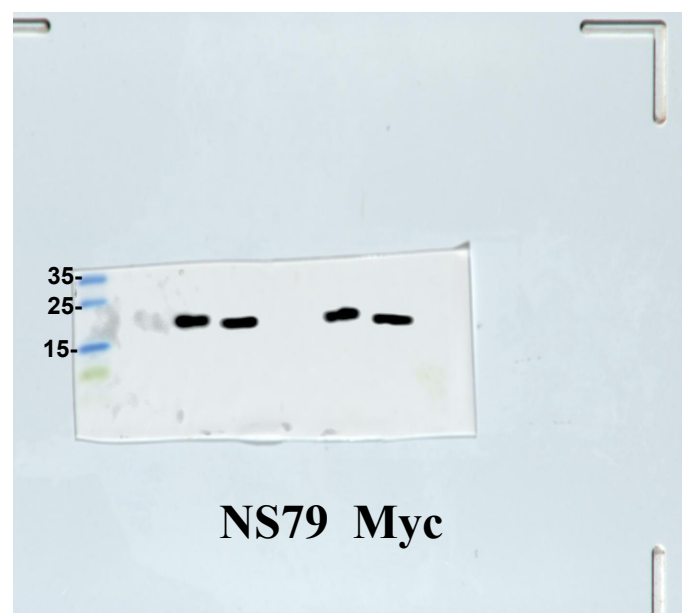
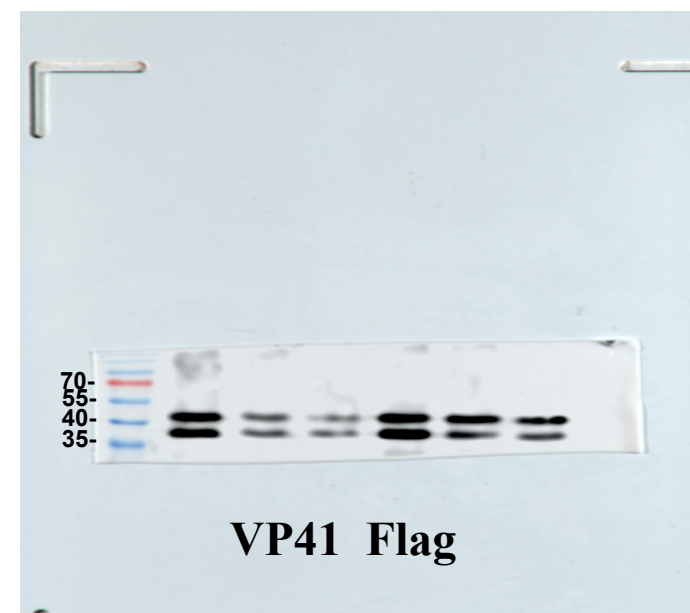
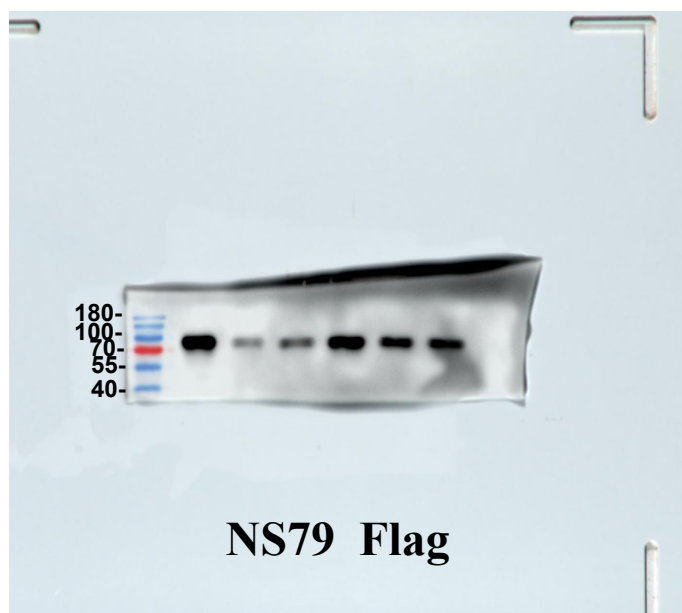


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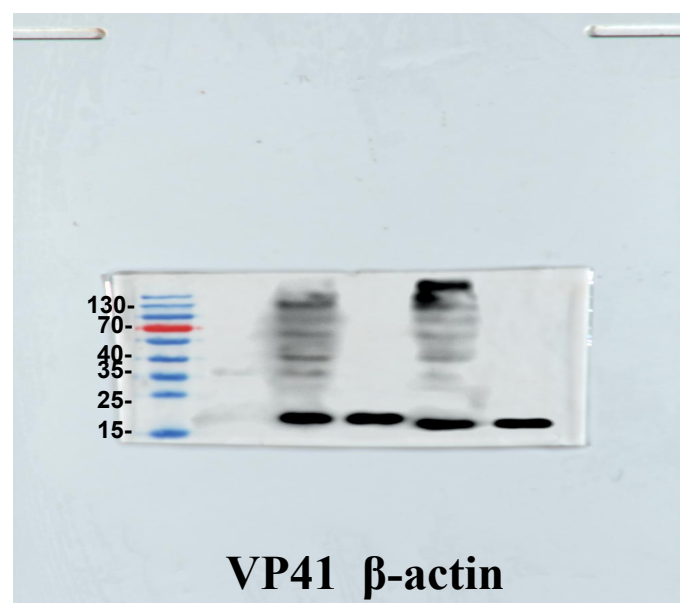
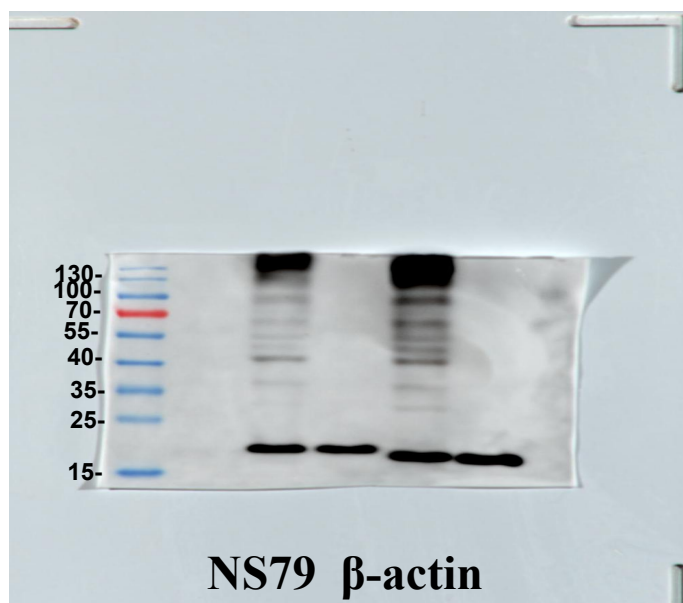
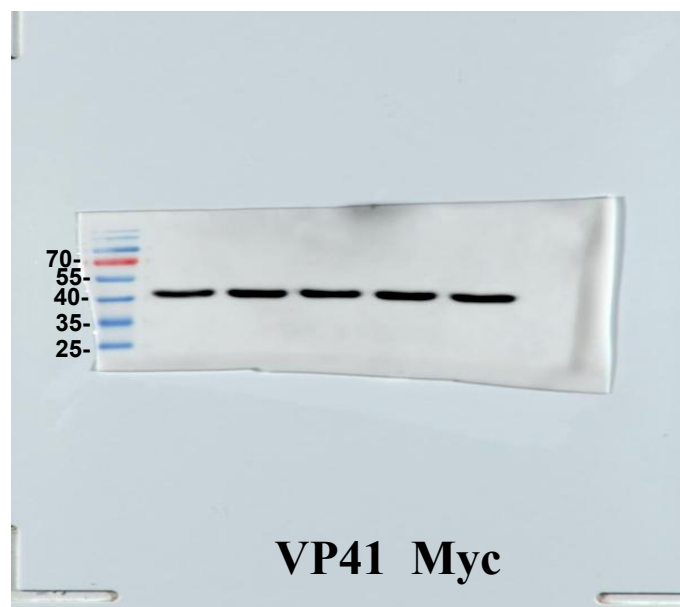
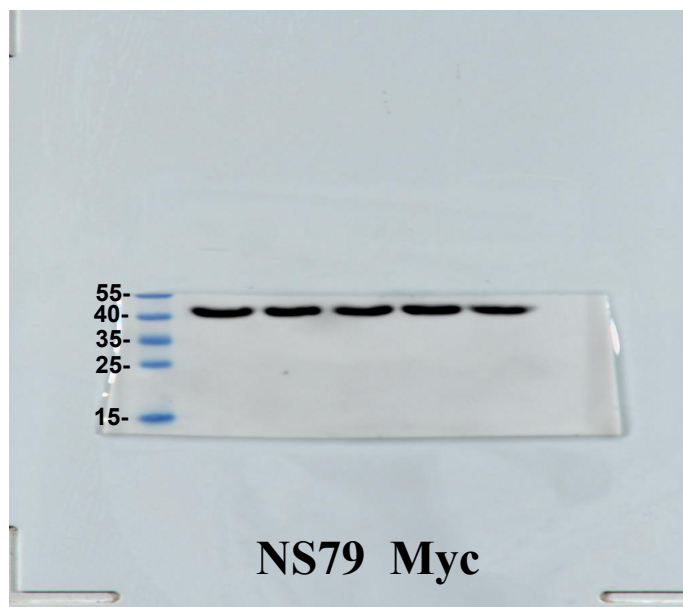
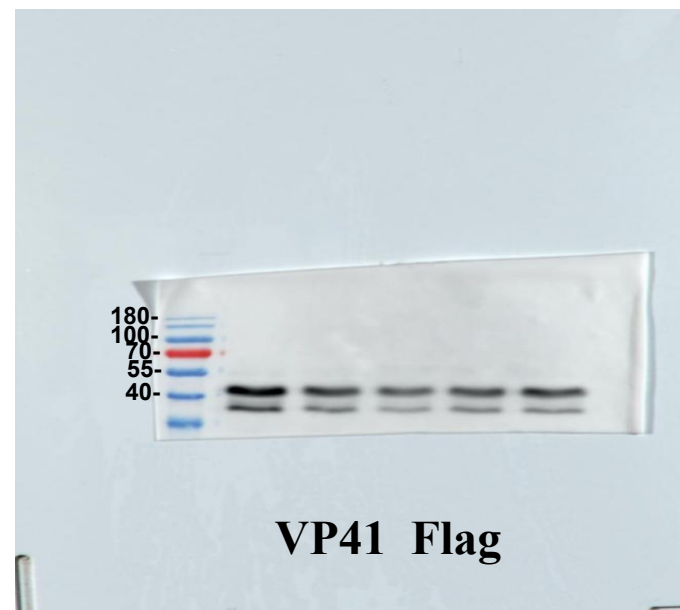
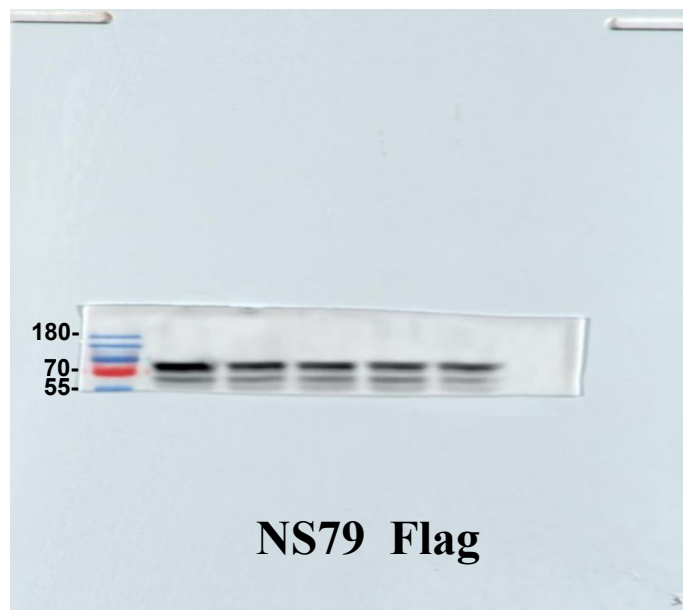


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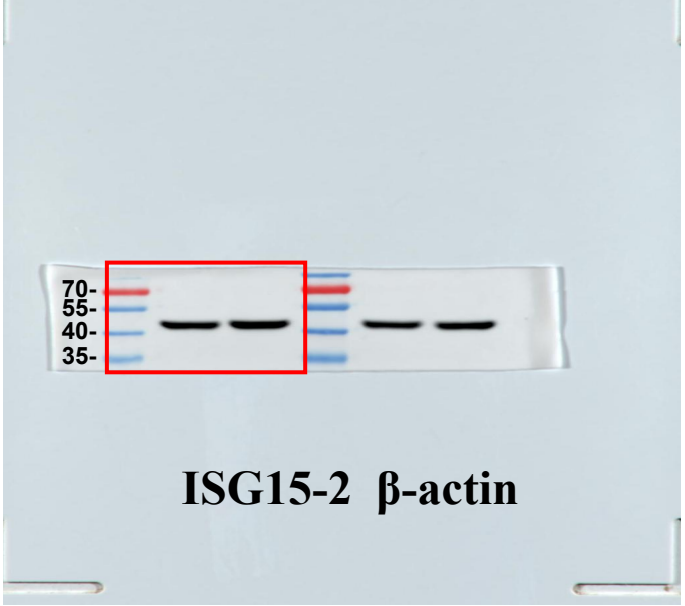
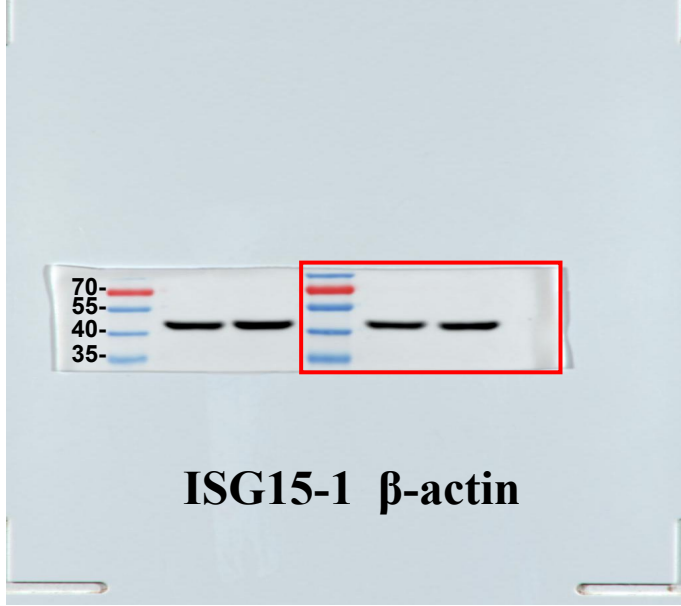
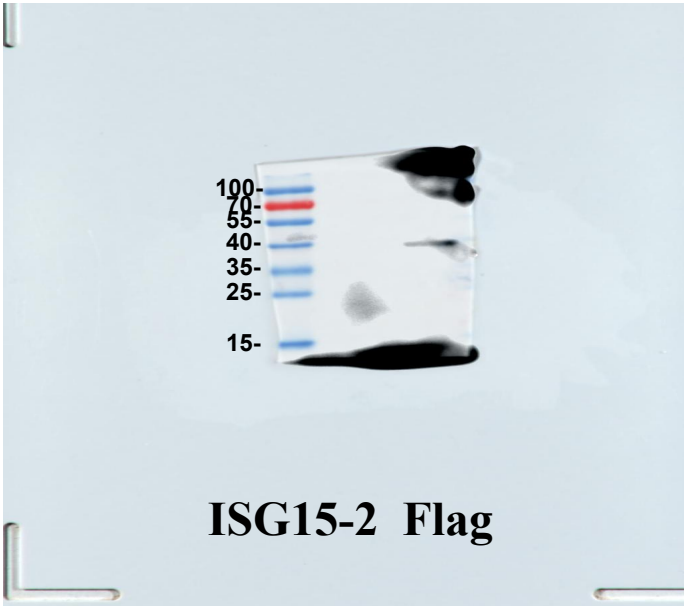
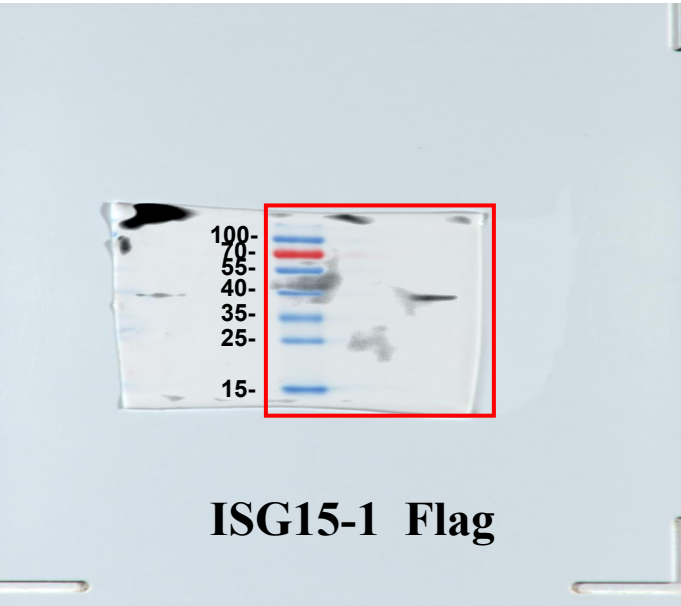


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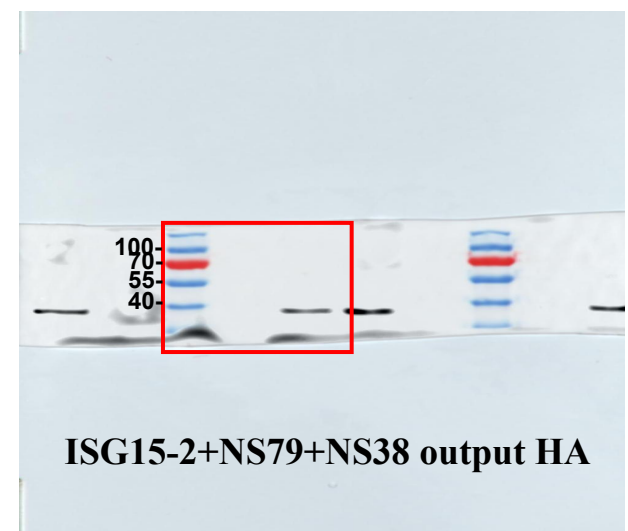
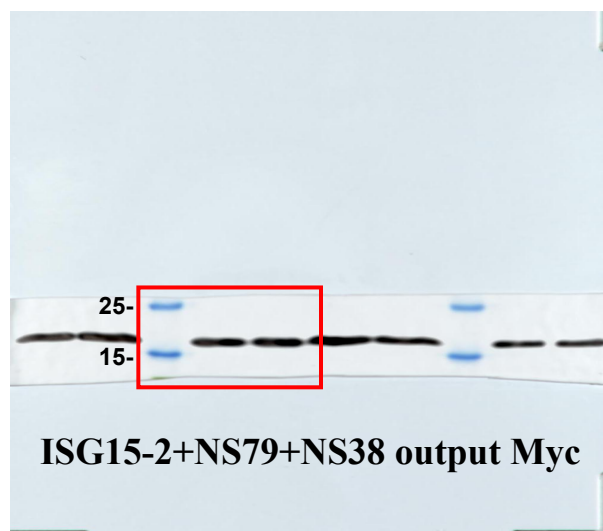
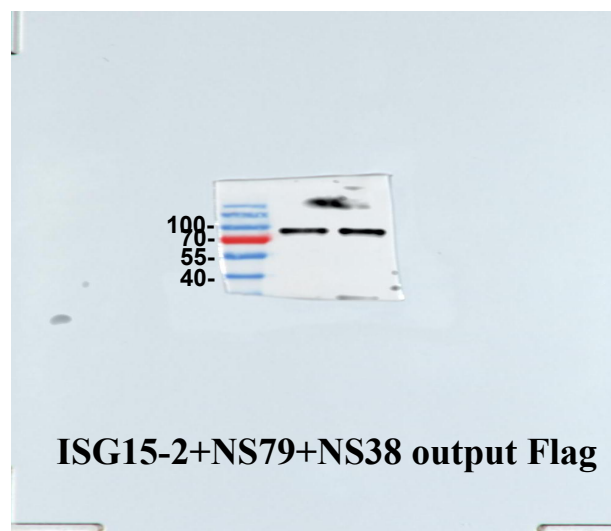
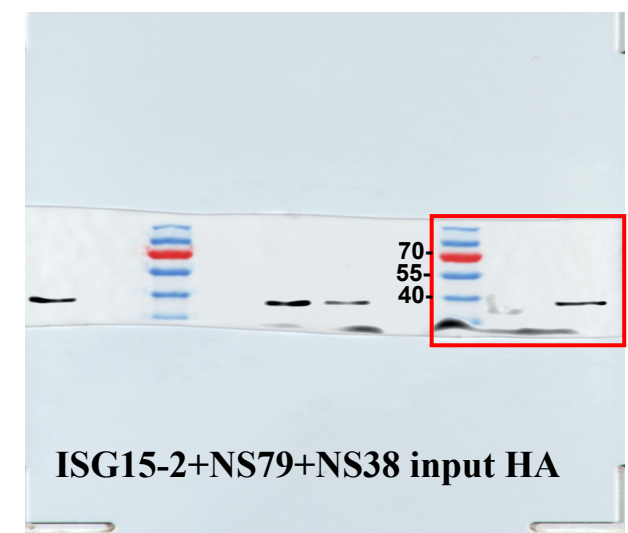
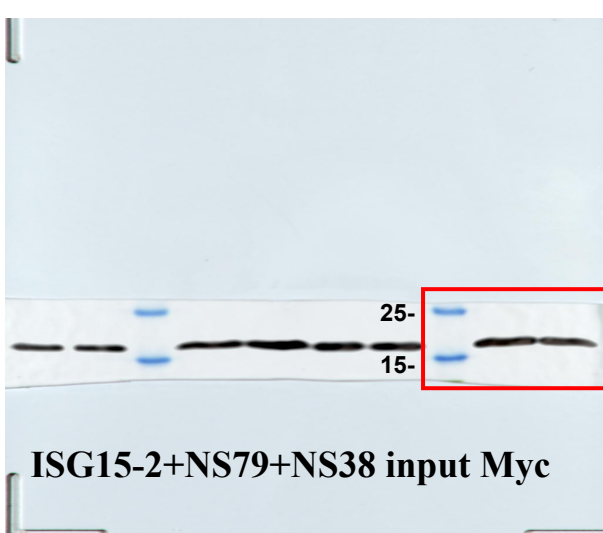
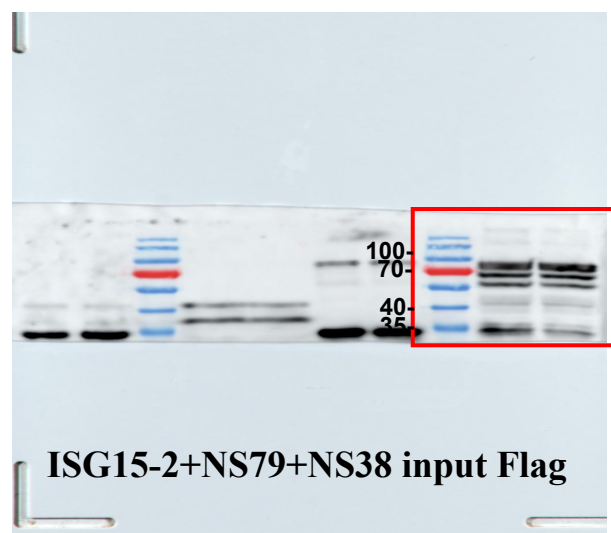
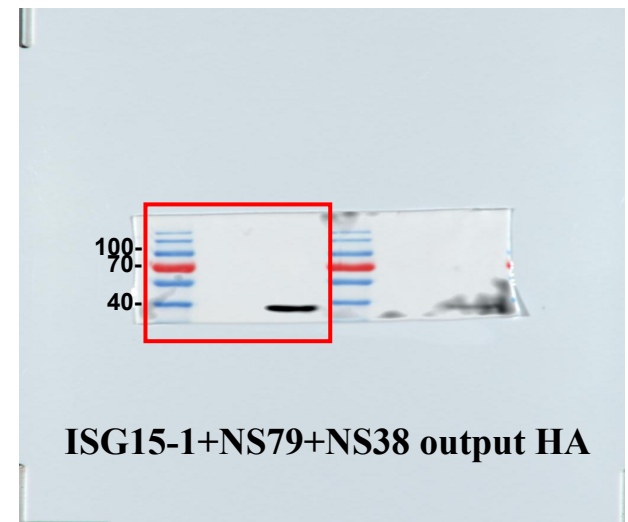
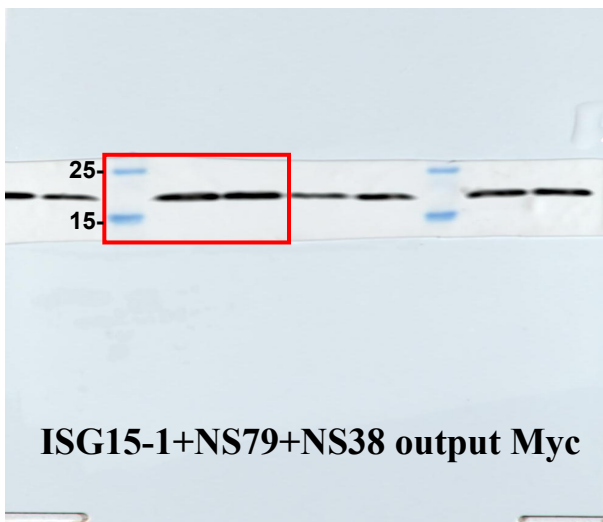
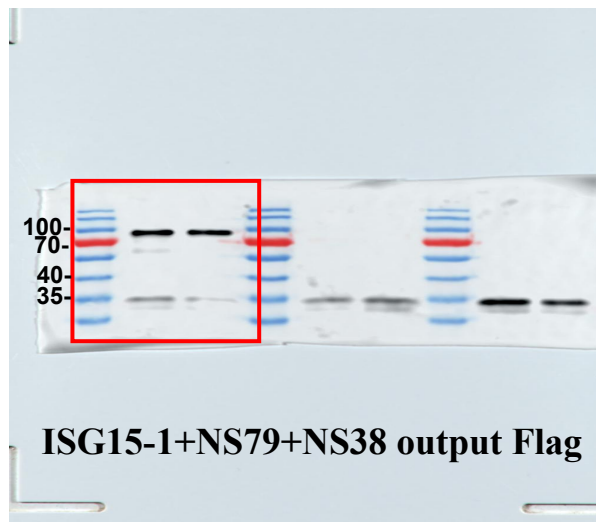
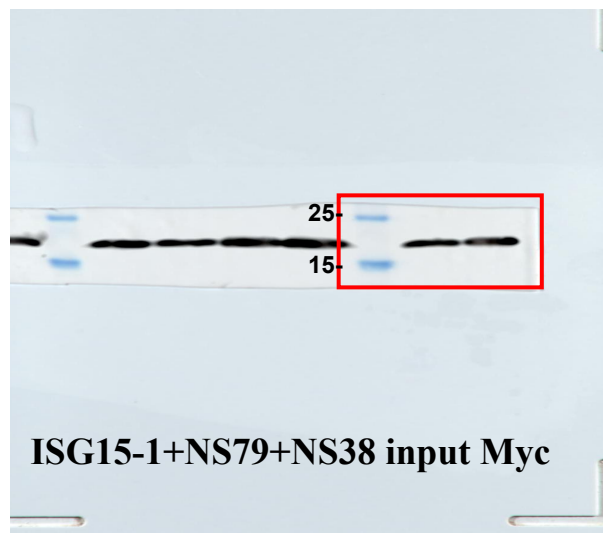
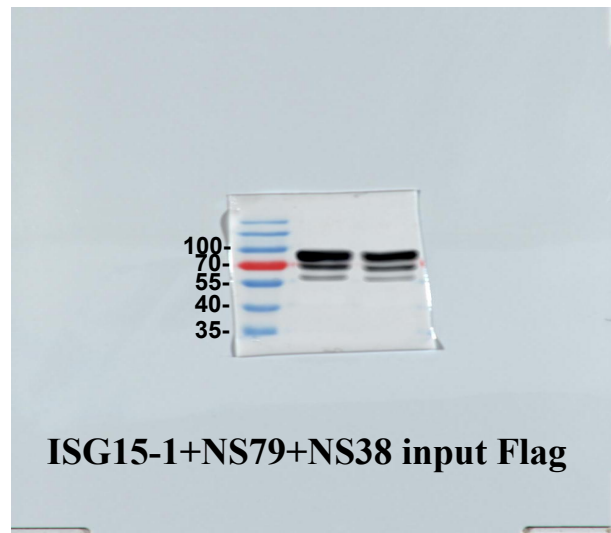


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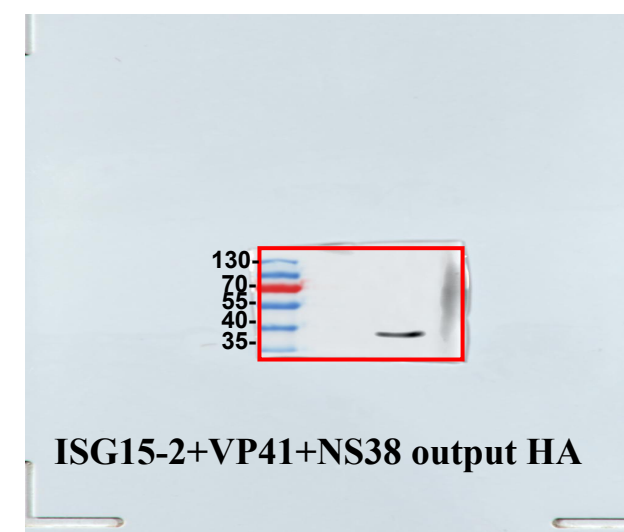
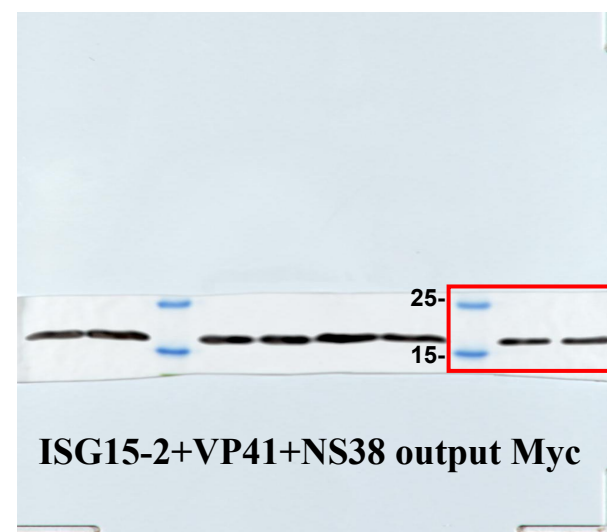
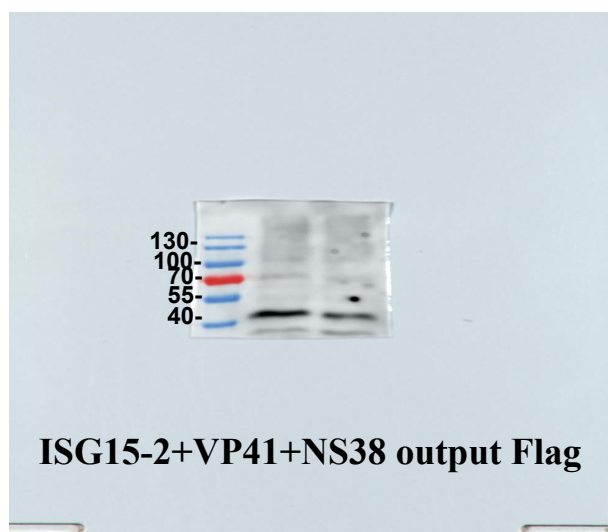
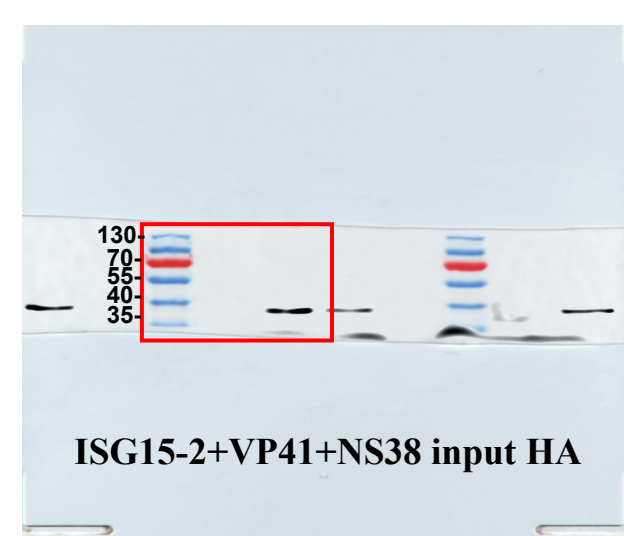
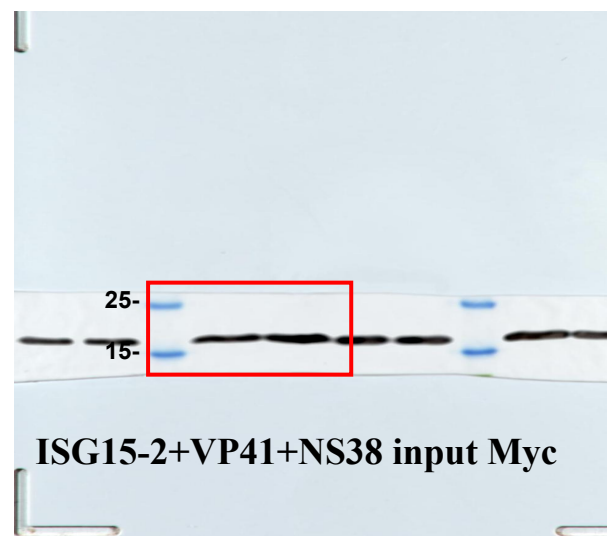
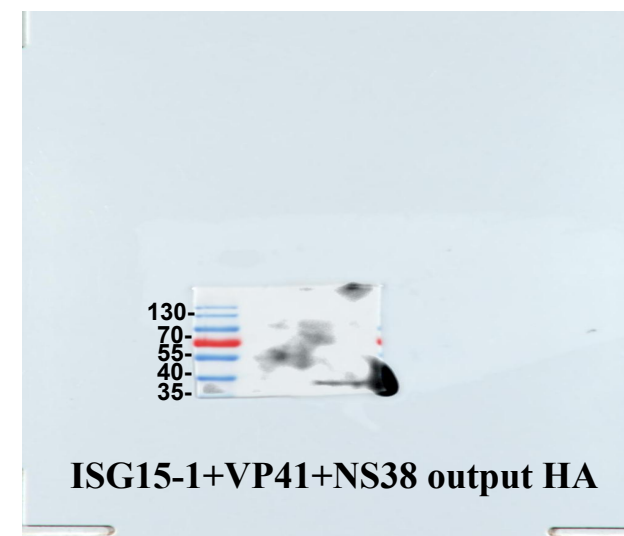
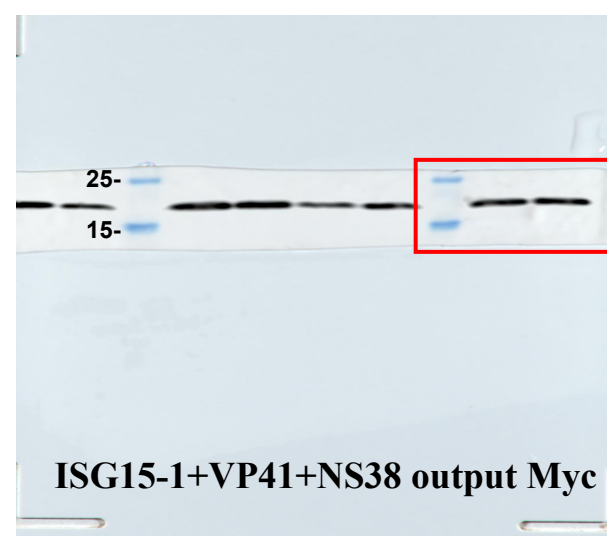
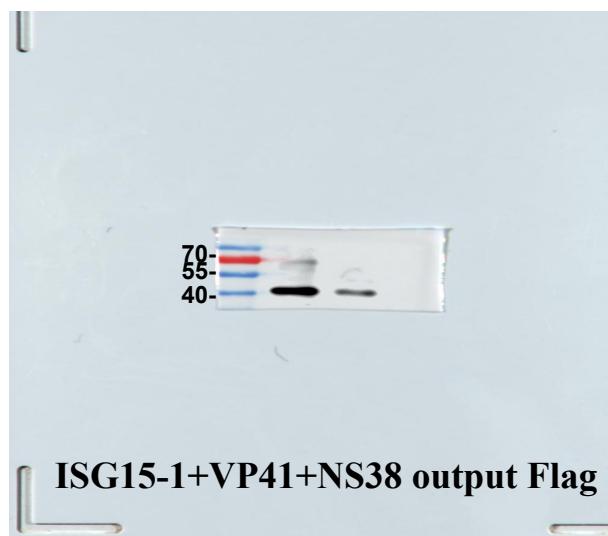
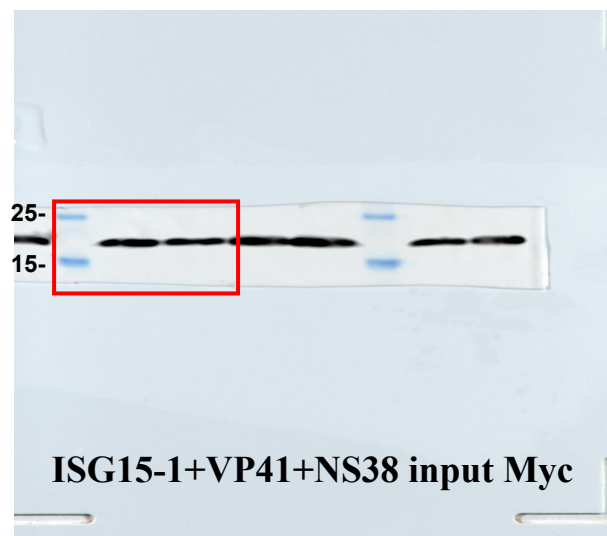
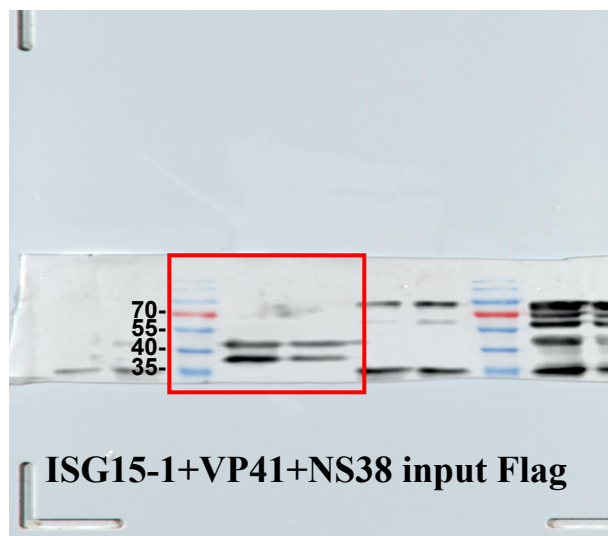


Fig.7 E

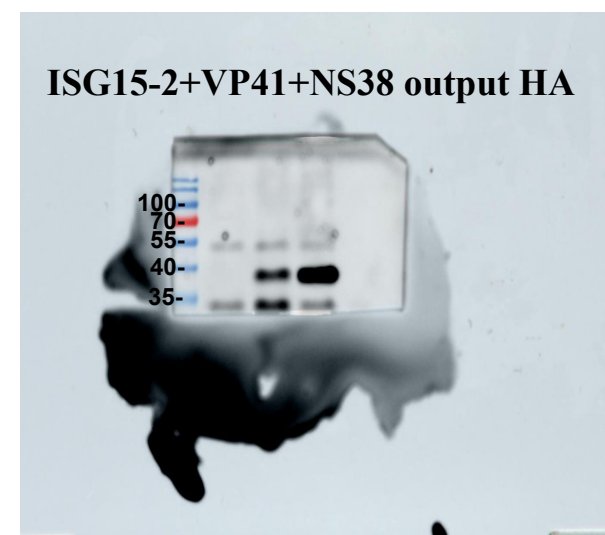
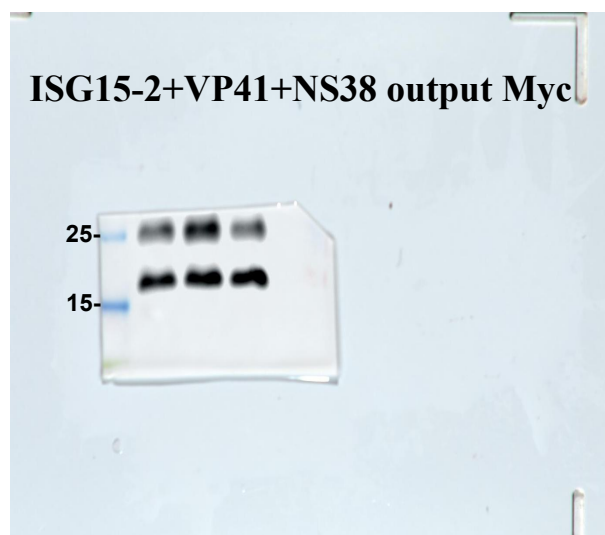
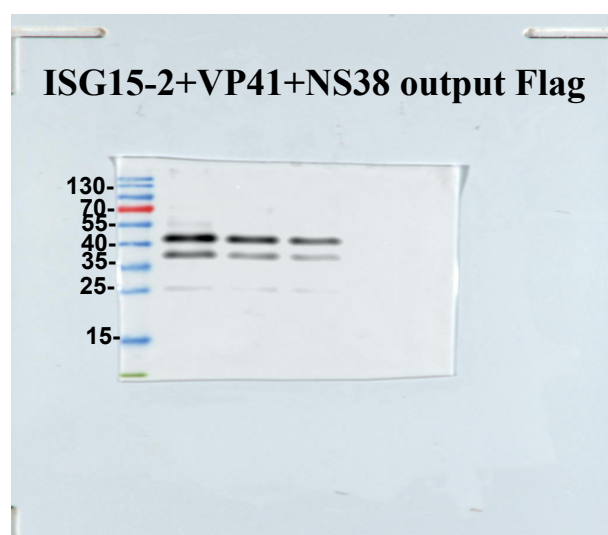
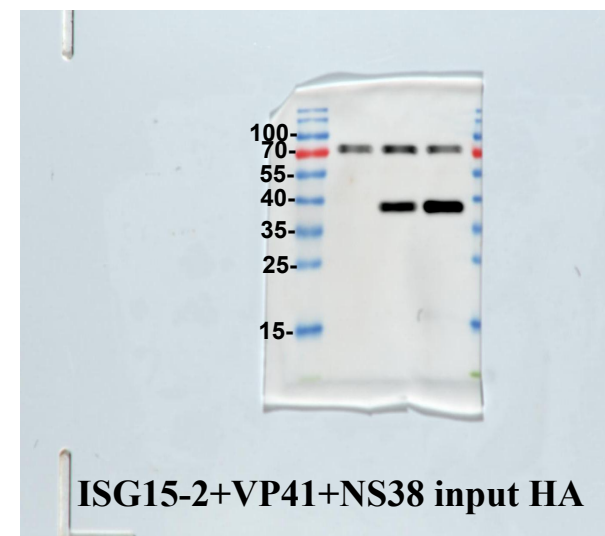
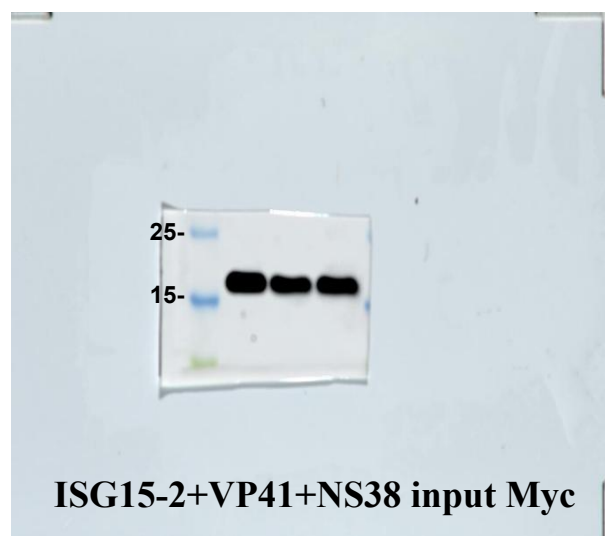
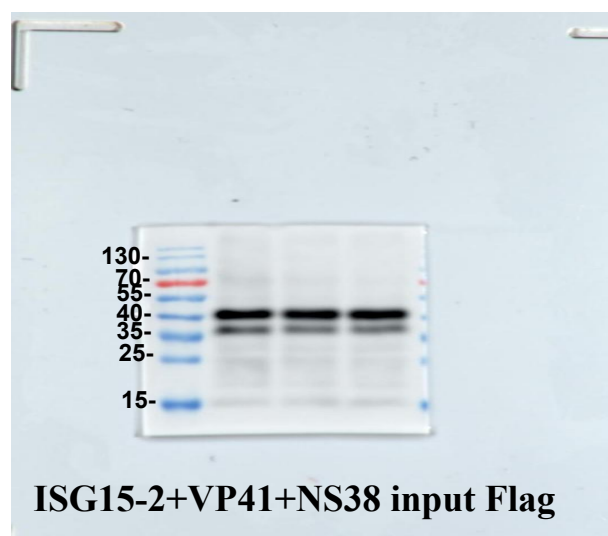
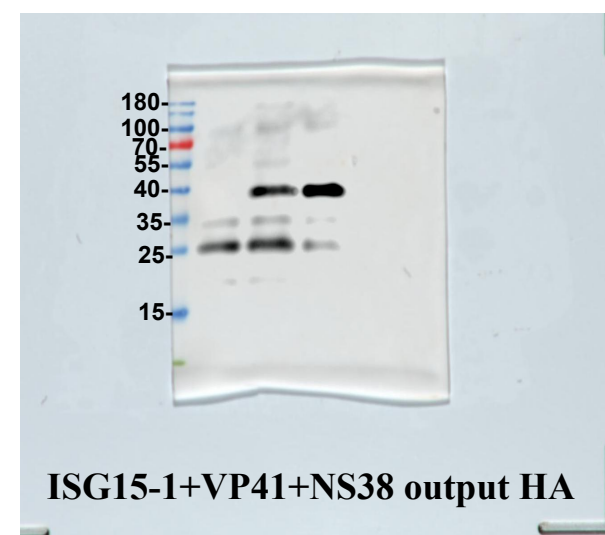
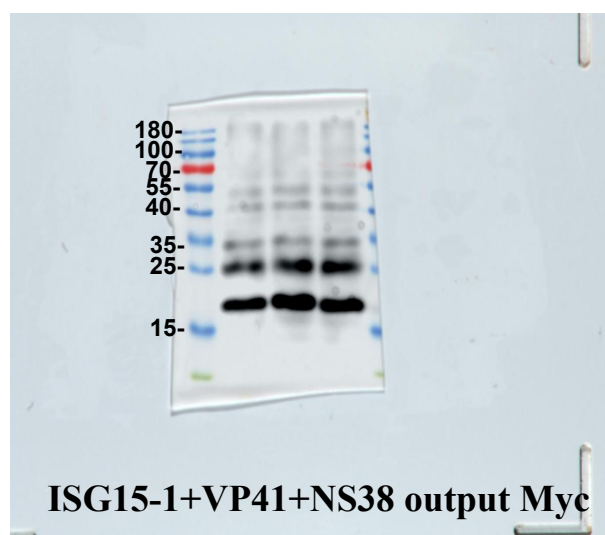
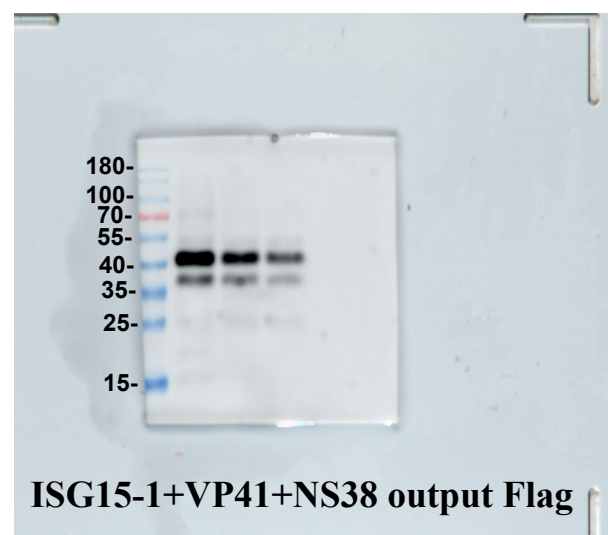
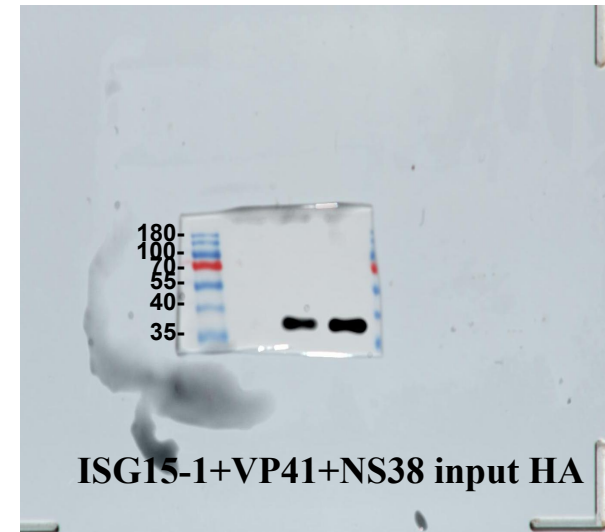
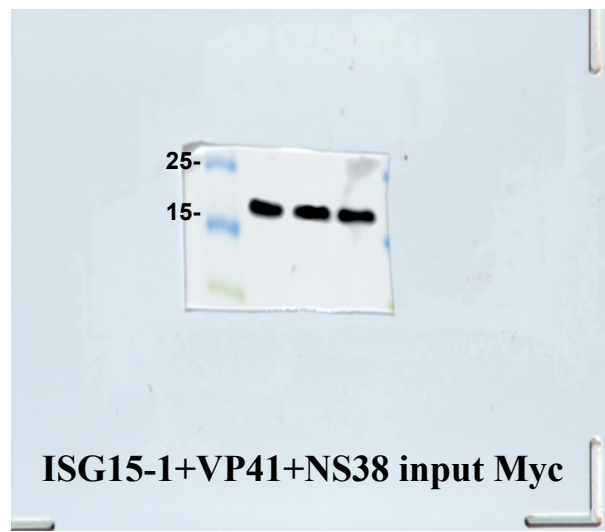
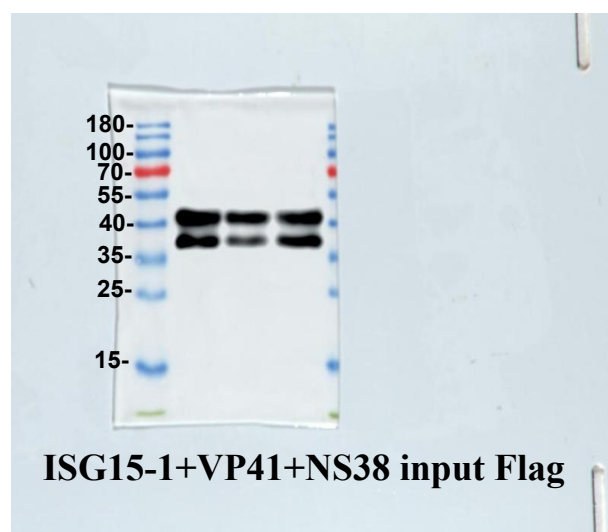


Fig.7 F

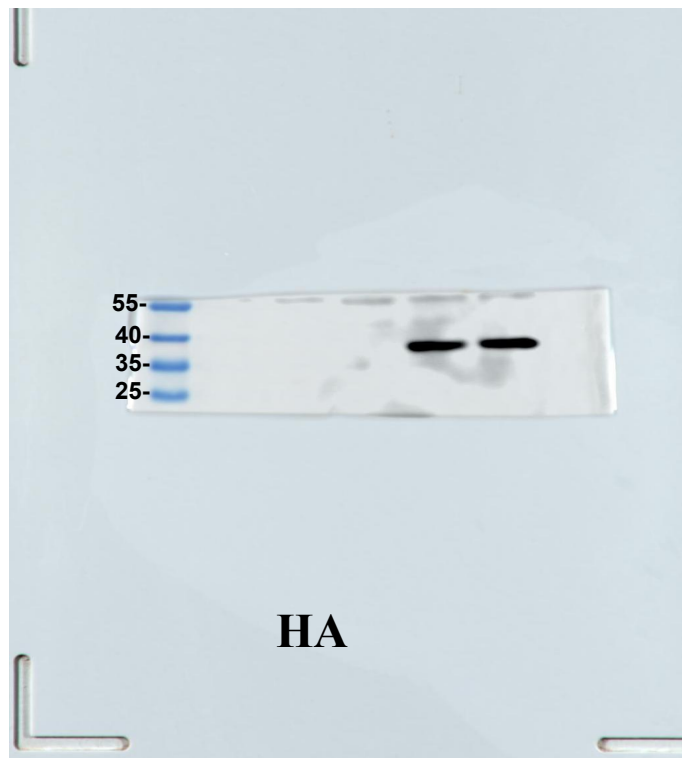
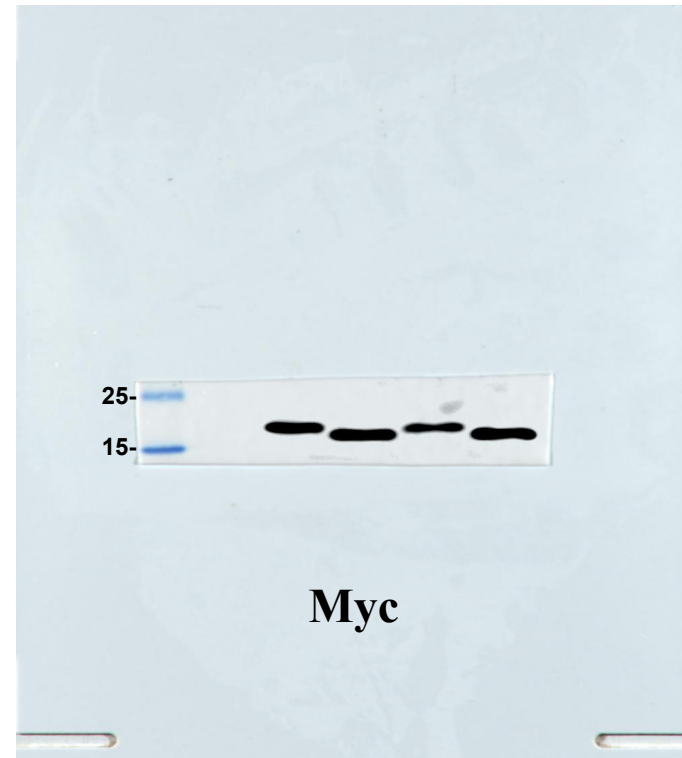


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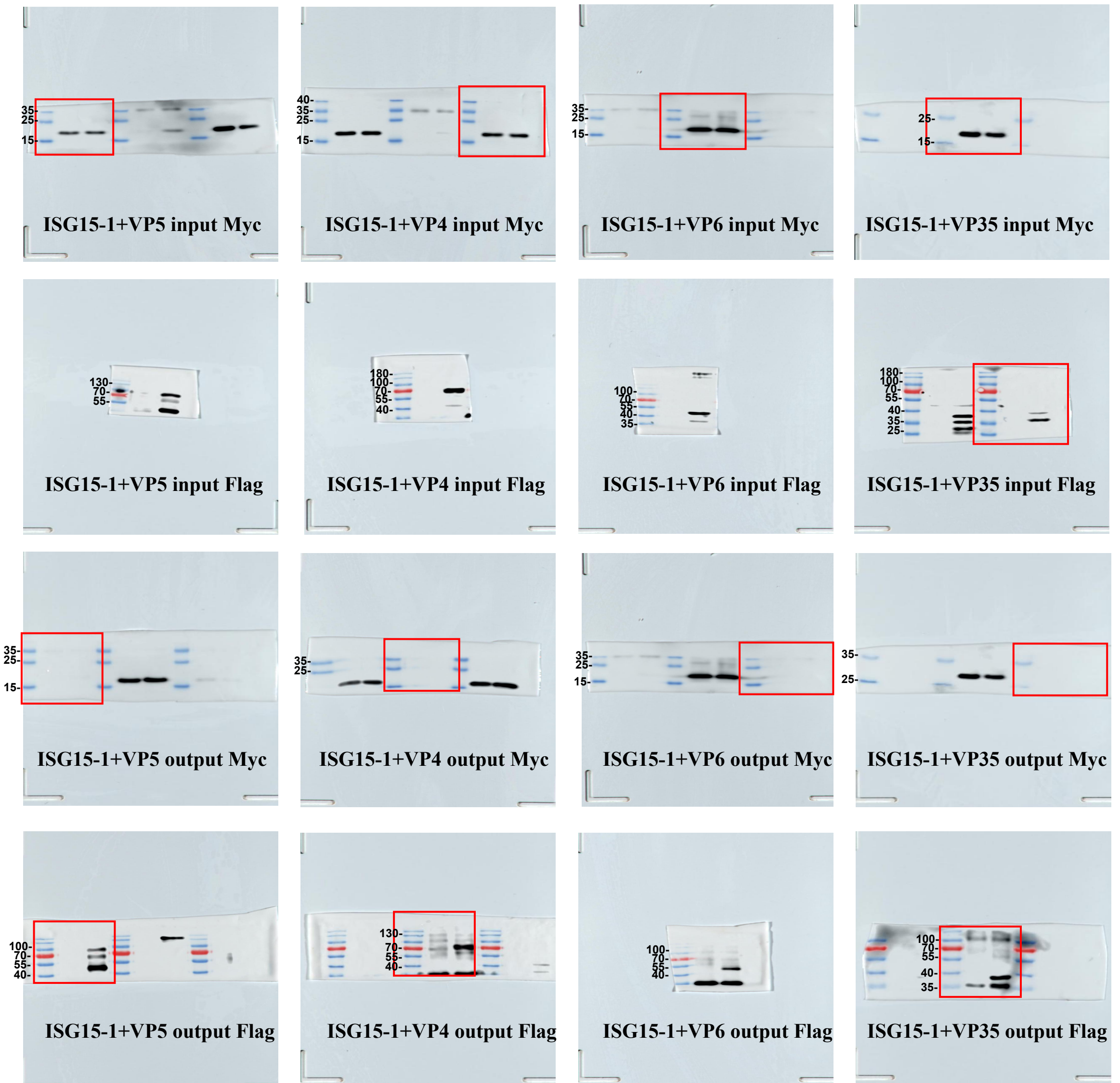


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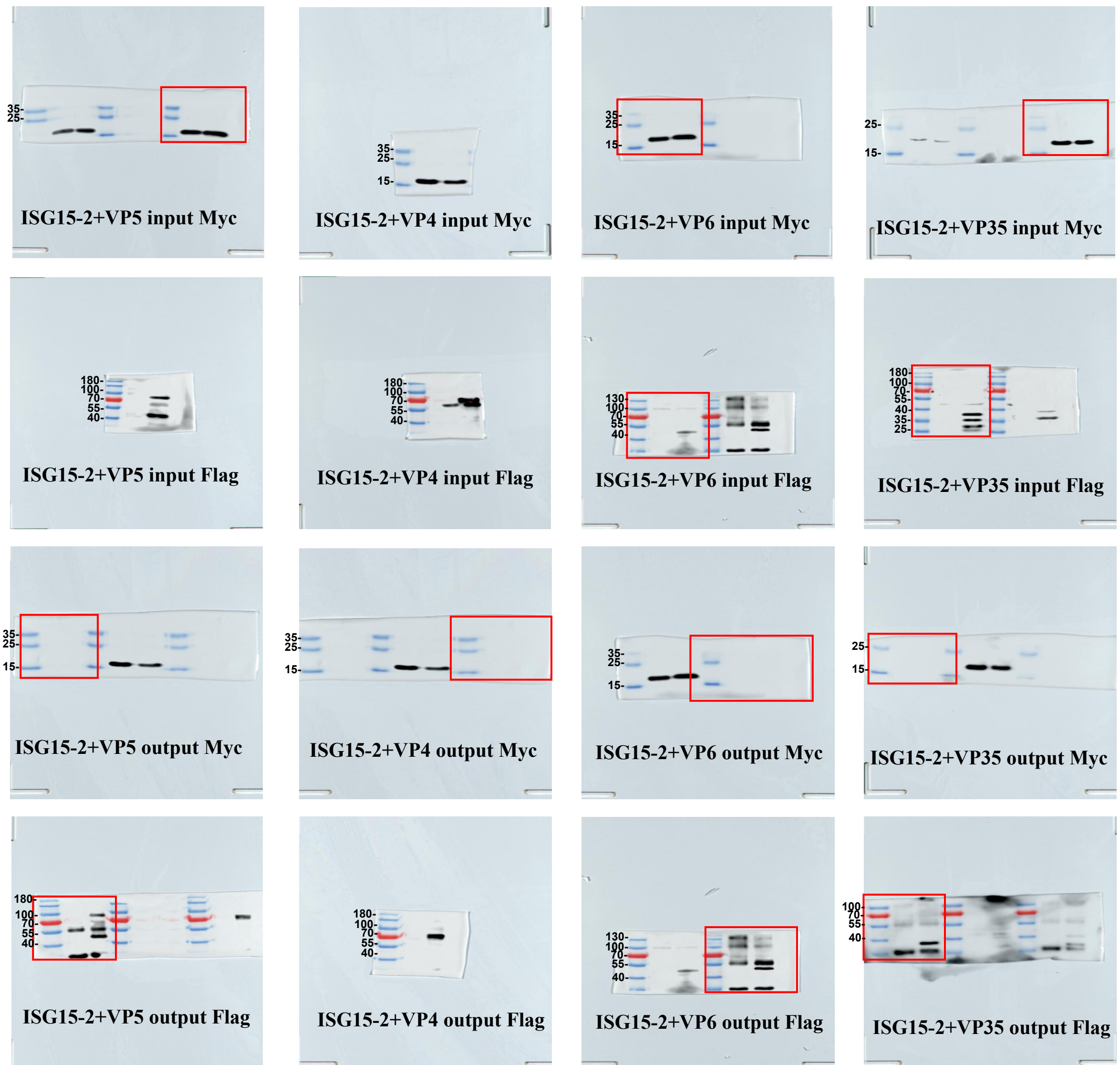


Fig.S1 C



Fig.S1 D

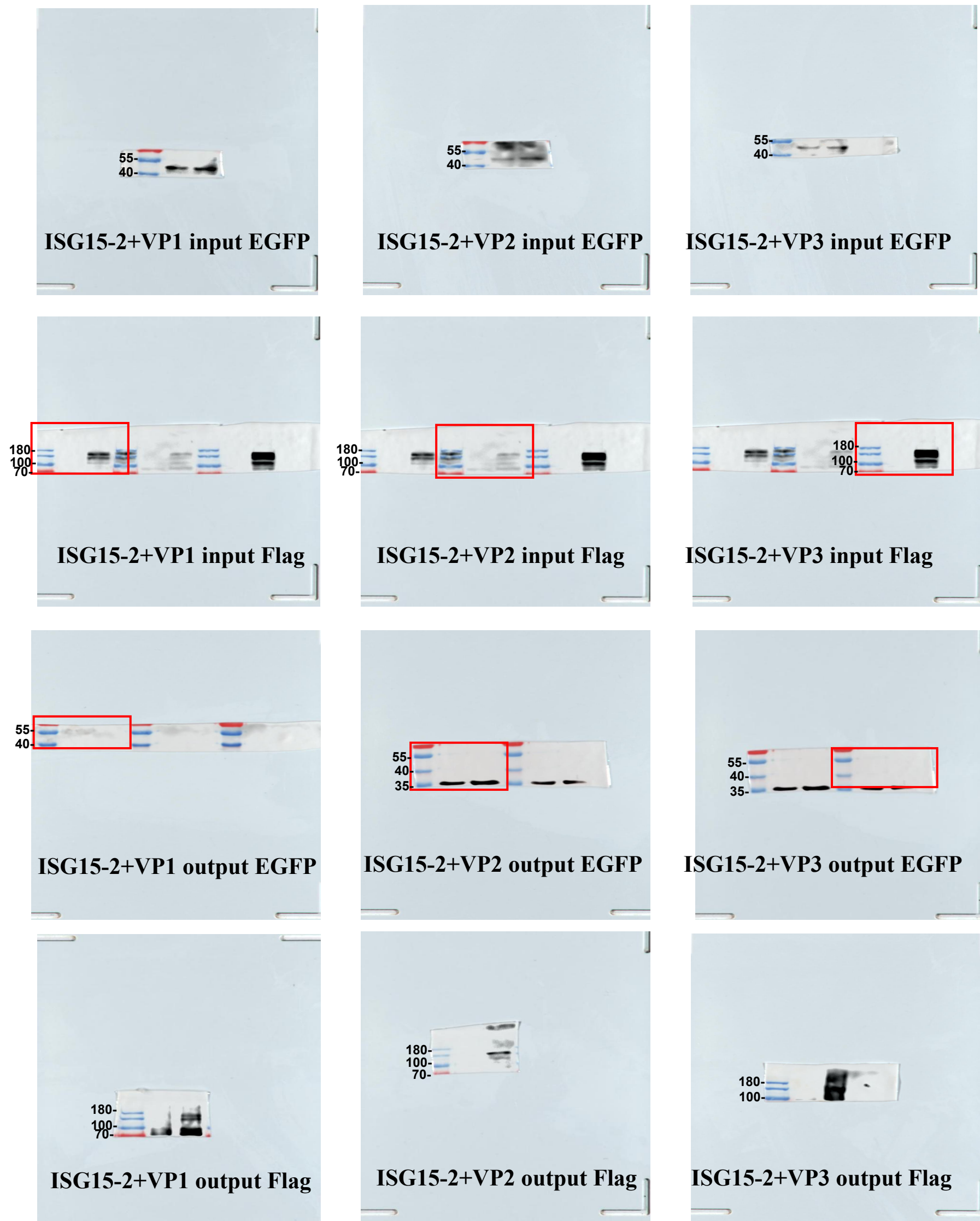


Fig.S1 E and F

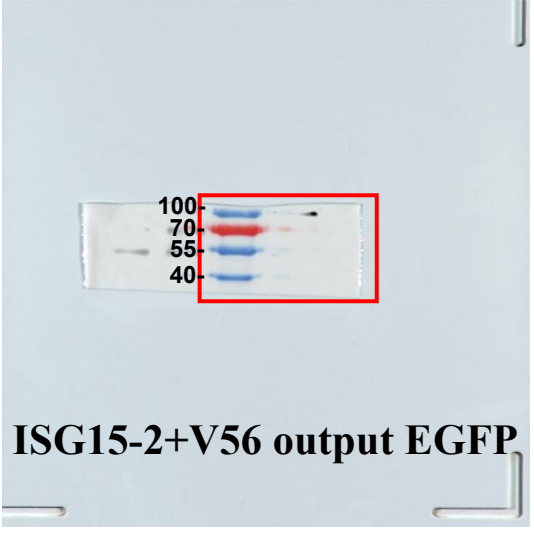


Fig.S2

