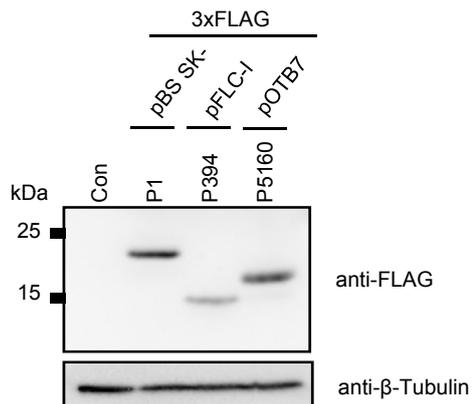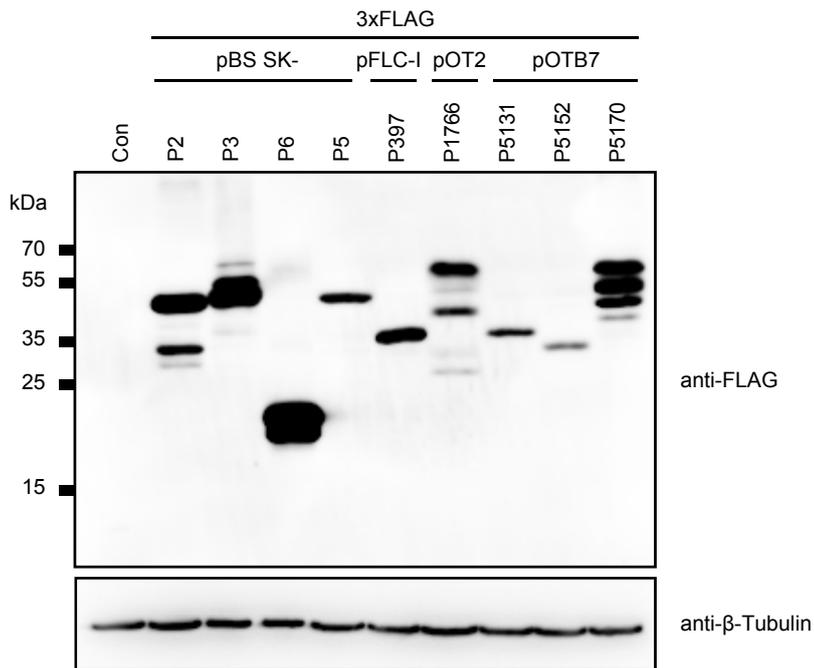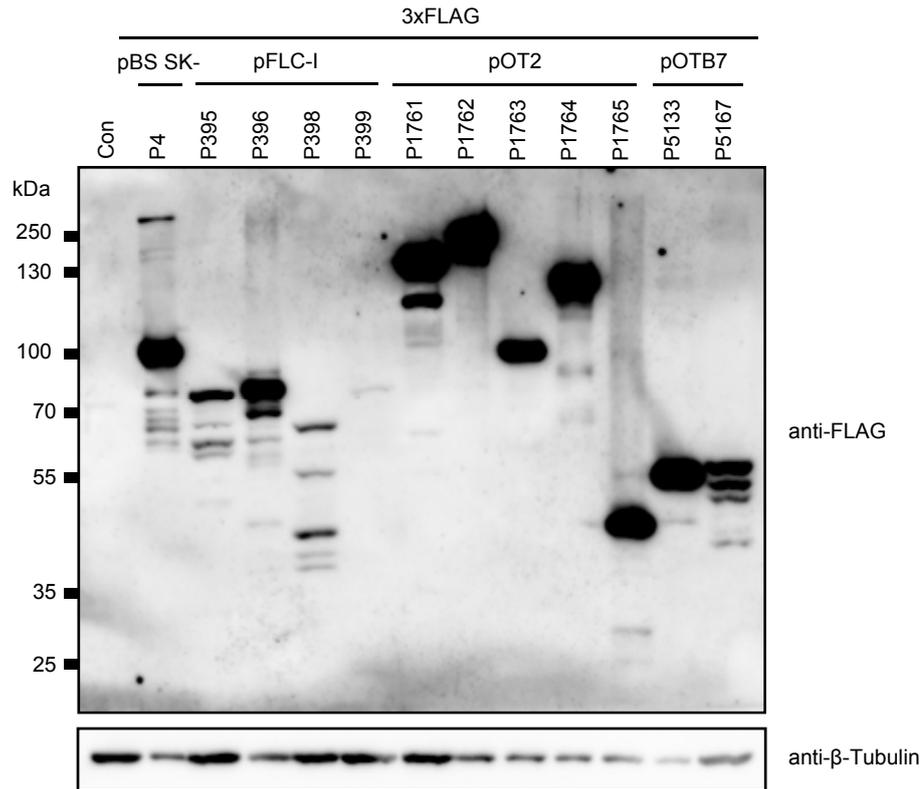**Supplemental Figure S5**

Supplemental Figure S5. The 24 3xFLAG-tagged UAS-cDNA constructs generated by CRISPRmass were expressed in HEK293T cells in the presence of GAL4. Each of the 24 3xFLAG-tagged UAS-cDNA constructs generated by CRISPRmass in pBS SK-, pFLC-I, pOT2, or pOTB7_DraIII vector was used to transfect HEK293T cells together with a GAL4-expressing plasmid, pCMV-GAL4. Western blotting experiments detected specific signals of proteins encoded by the 24 3xFLAG-tagged cDNAs. The expected molecular weights of these proteins are listed in Supplemental Table S5.