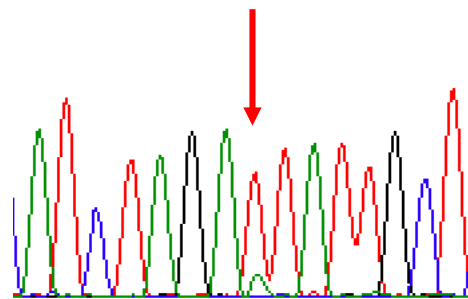
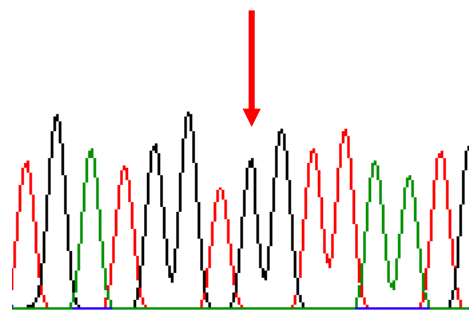


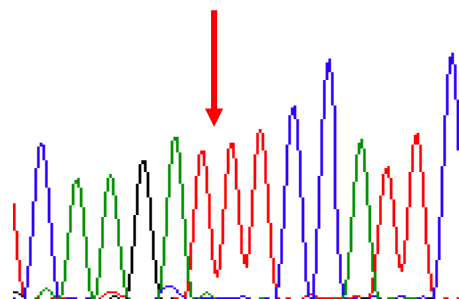
L7
c.231A>T, p.R77S



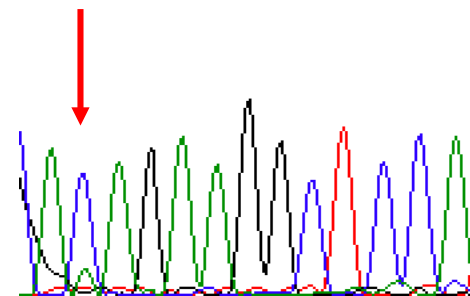
ML162
c.1952T>A, p. 651 I>N



L90
c.1081T>C, p.Y361H



L107
splicing variants
missing exon 6



L119
c.1298A>C, p.K433T

Figure S1

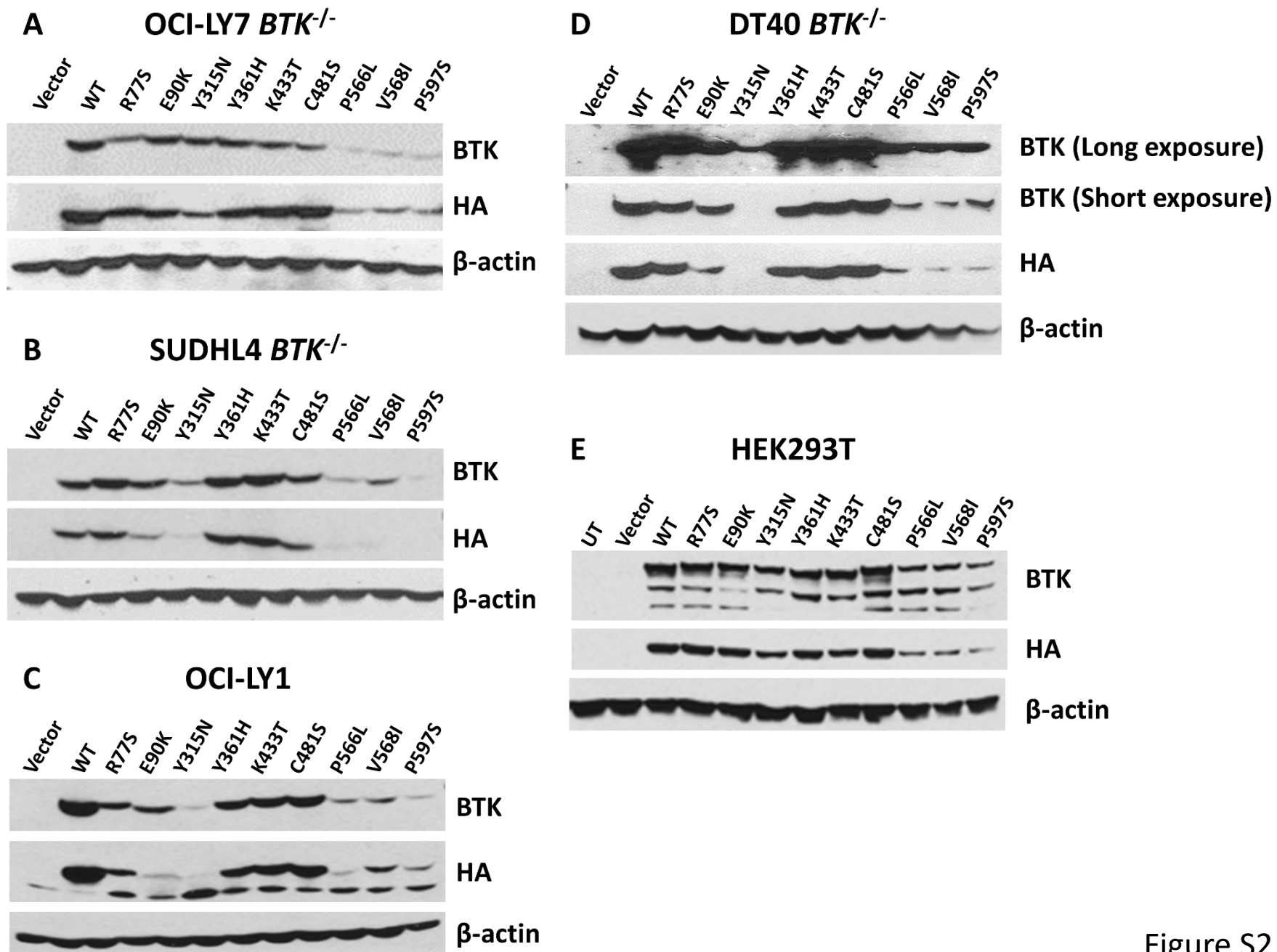


Figure S2

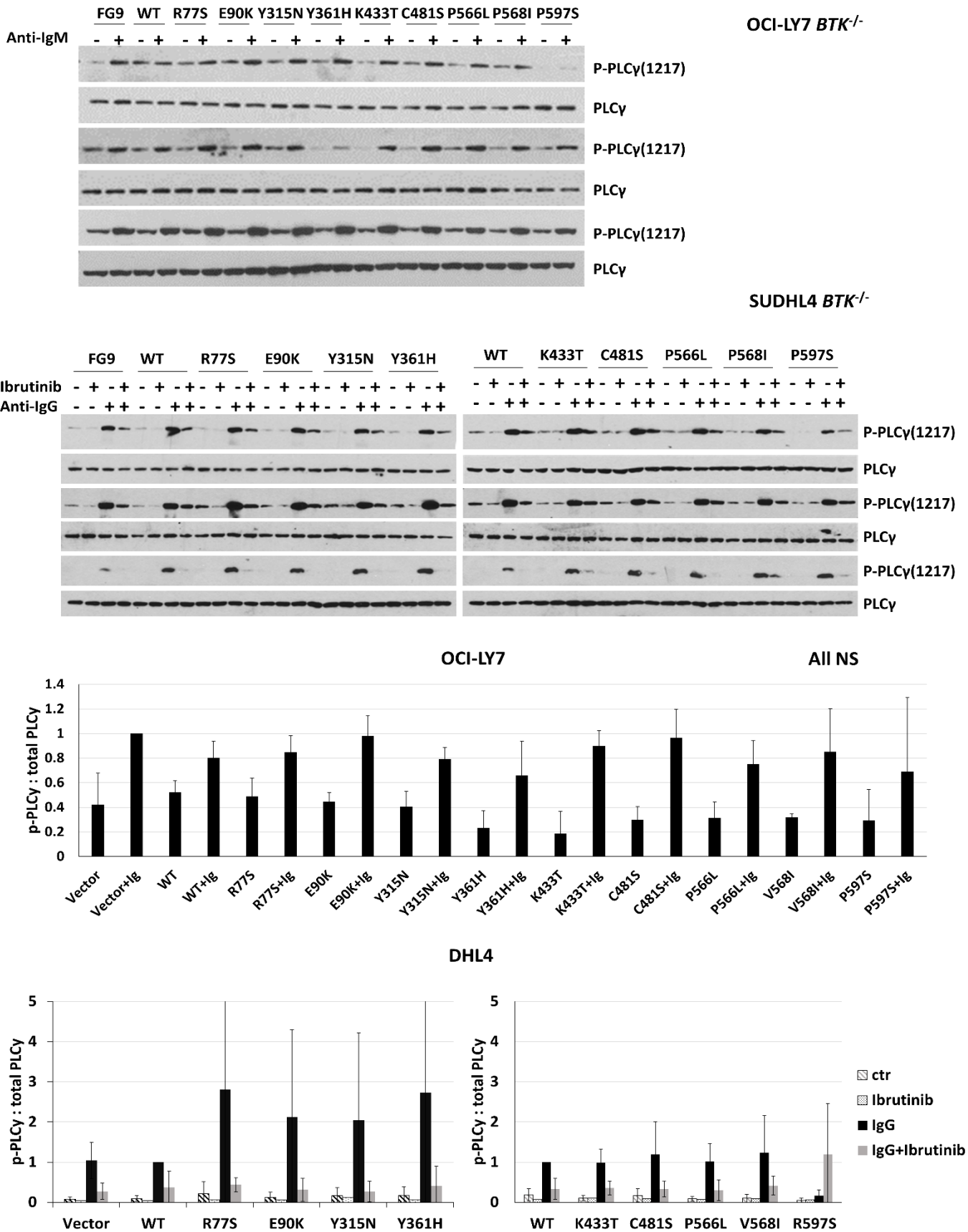


Figure S3

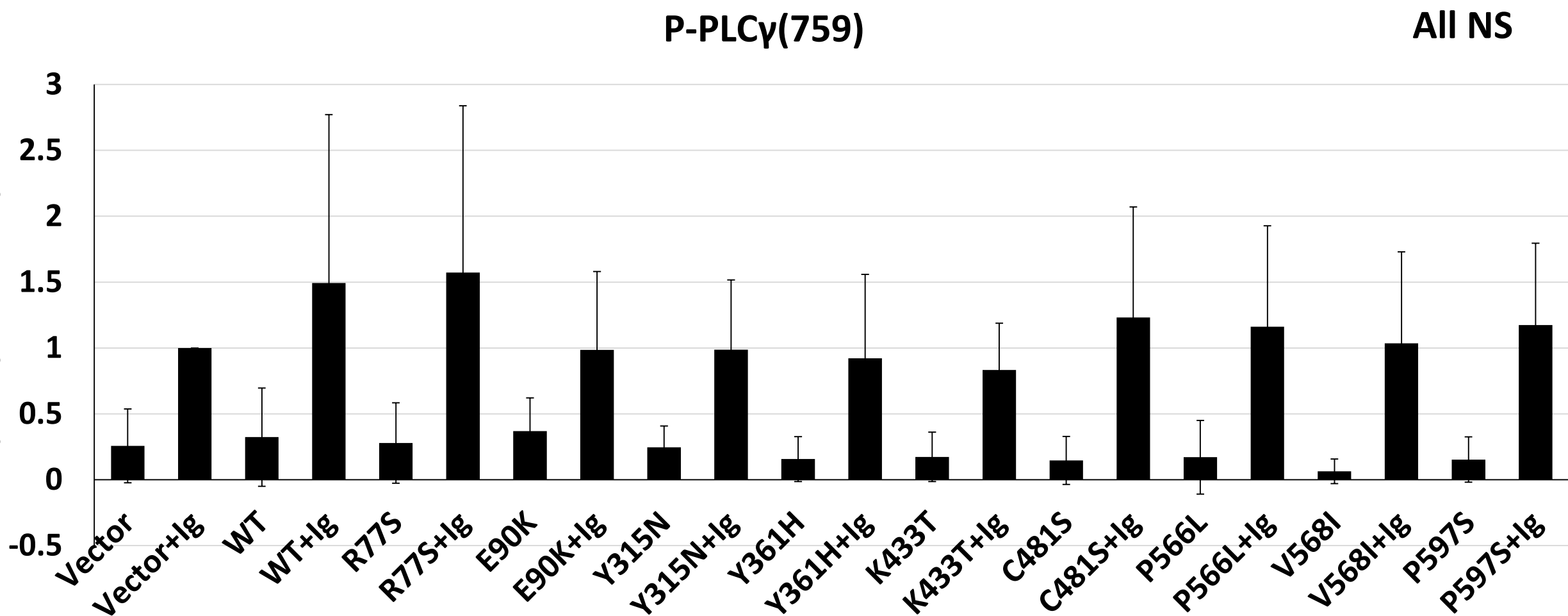
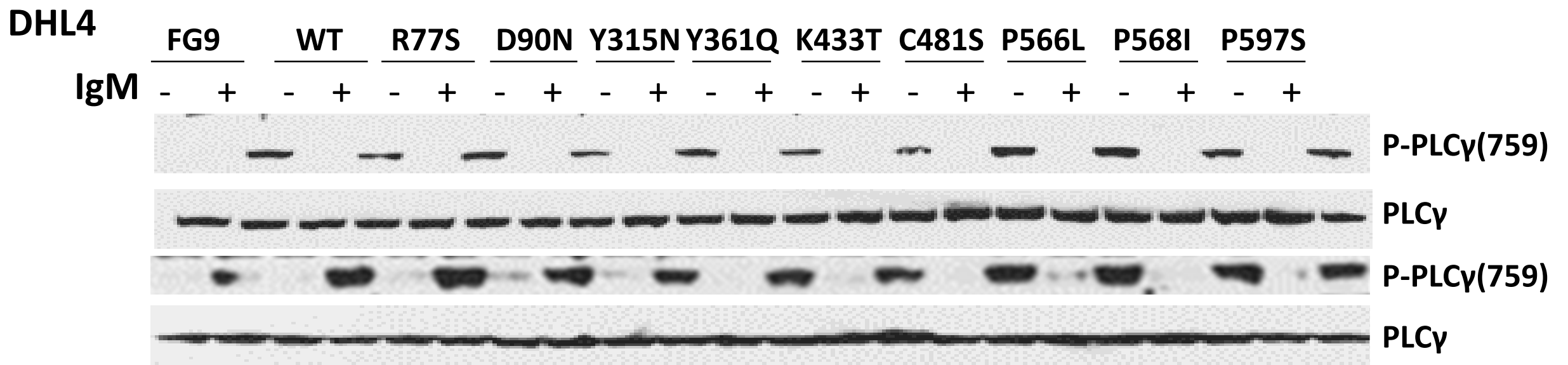
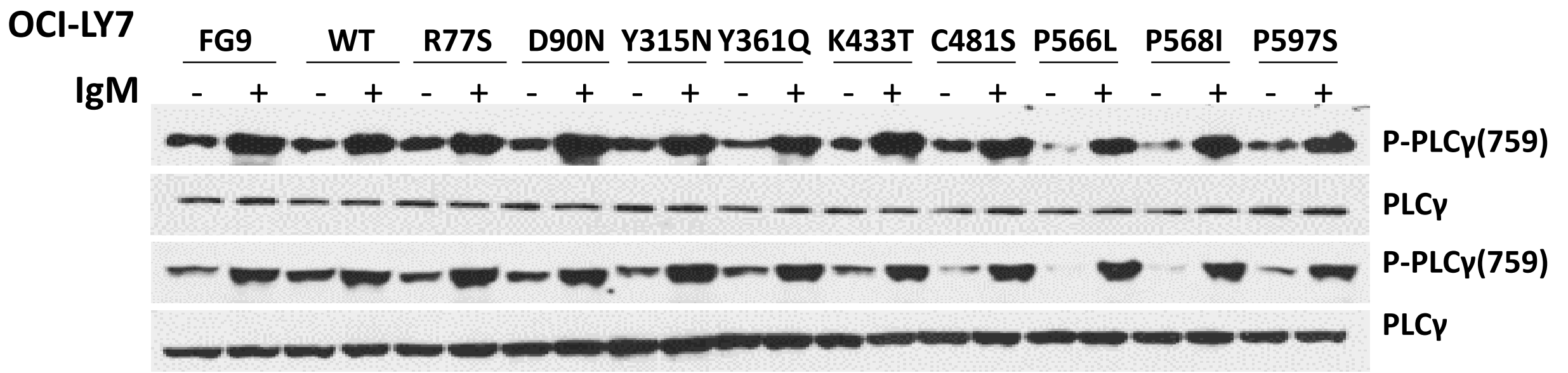


Figure S4

OCI-LY7 *BTK*^{-/-} *BLK*^{-/-}

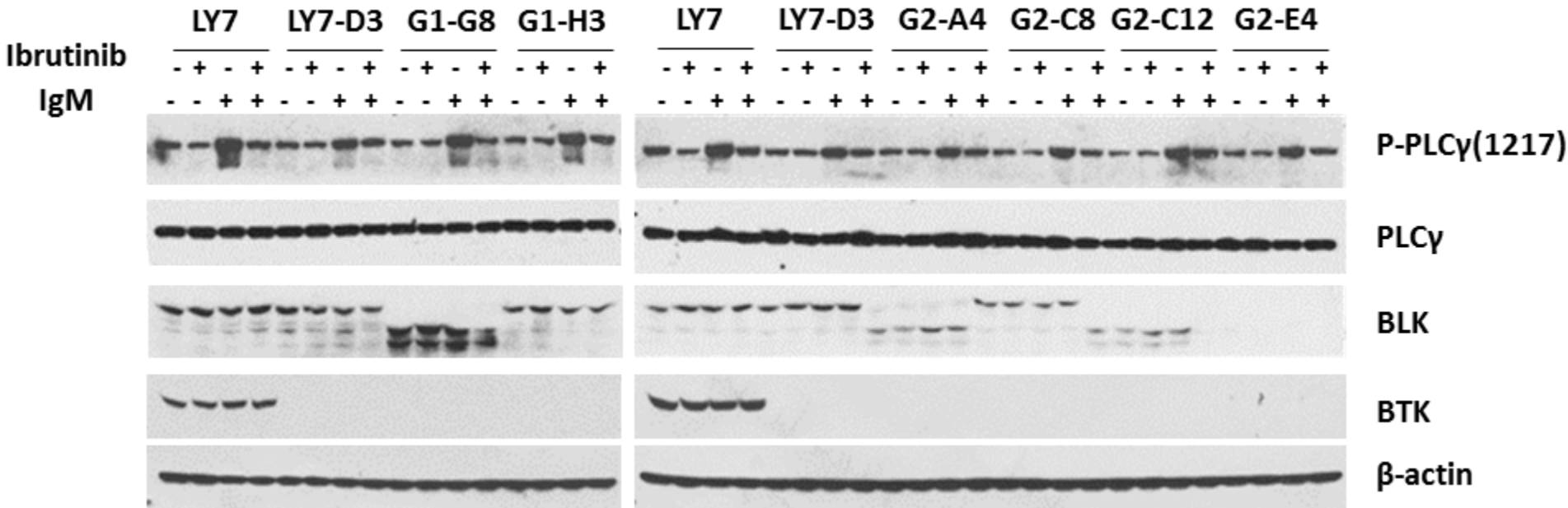


Figure S5

OCI-LY7 BTK^{-/-} BLK^{-/-}

SUDHL4 BTK^{-/-} BLK^{-/-}

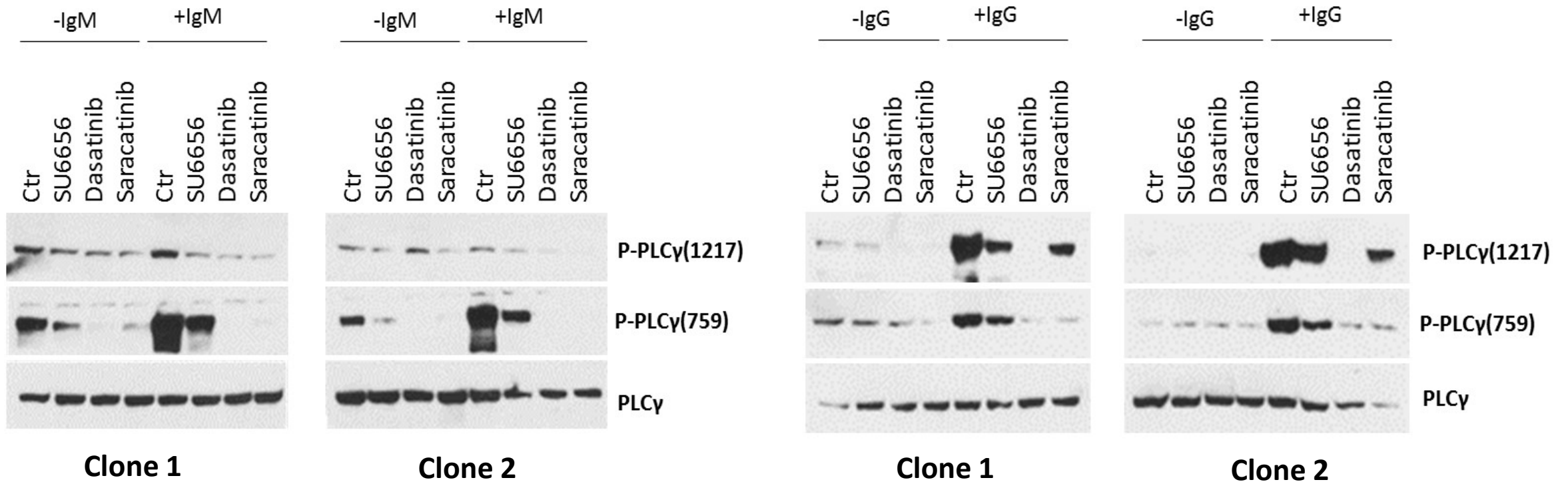
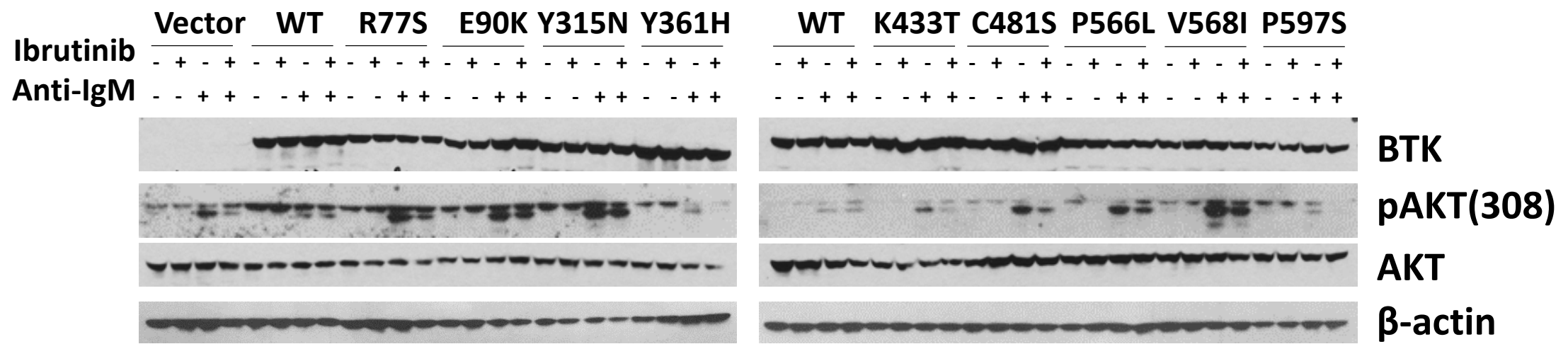


Figure S6

A OCI-LY7 *BTK*^{-/-}



B SUDHL4 *BTK*^{-/-}

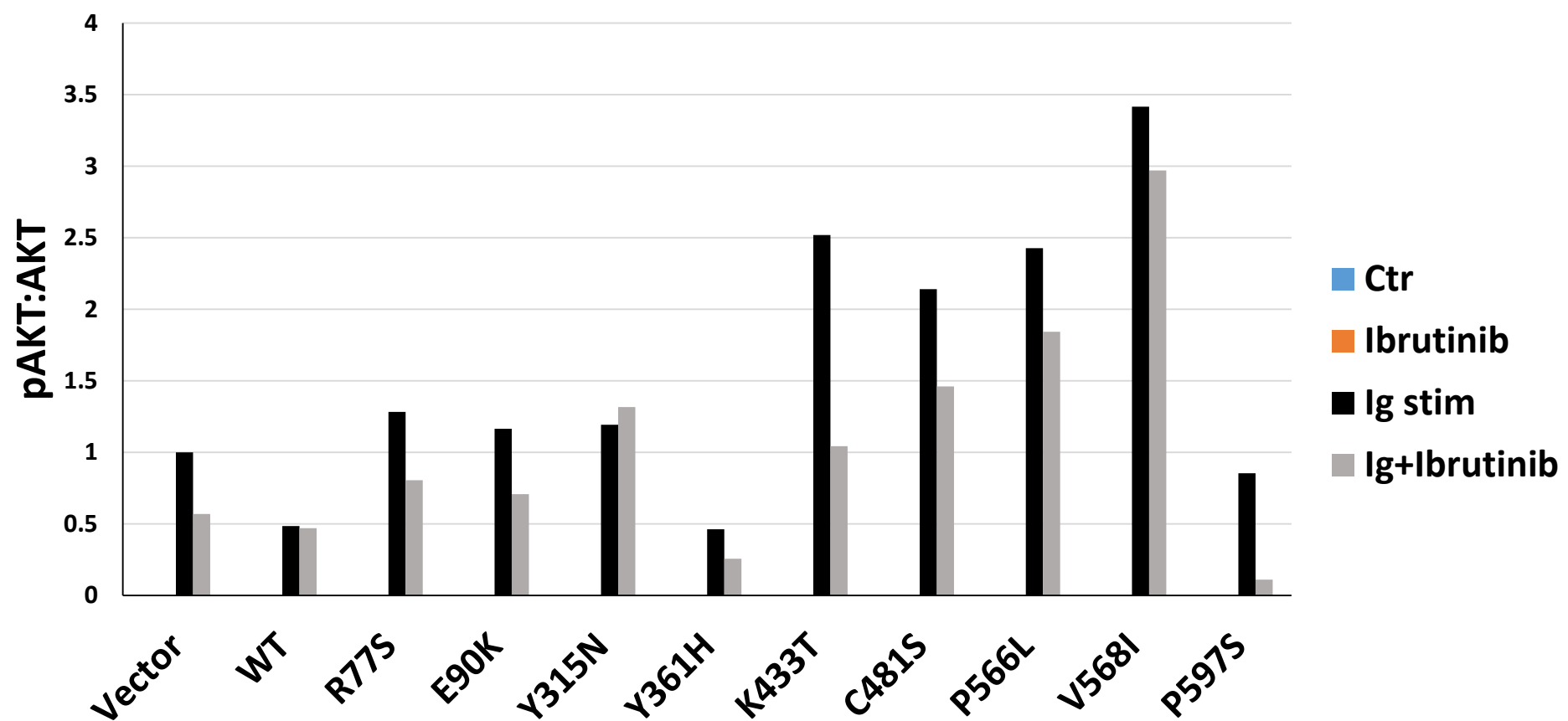
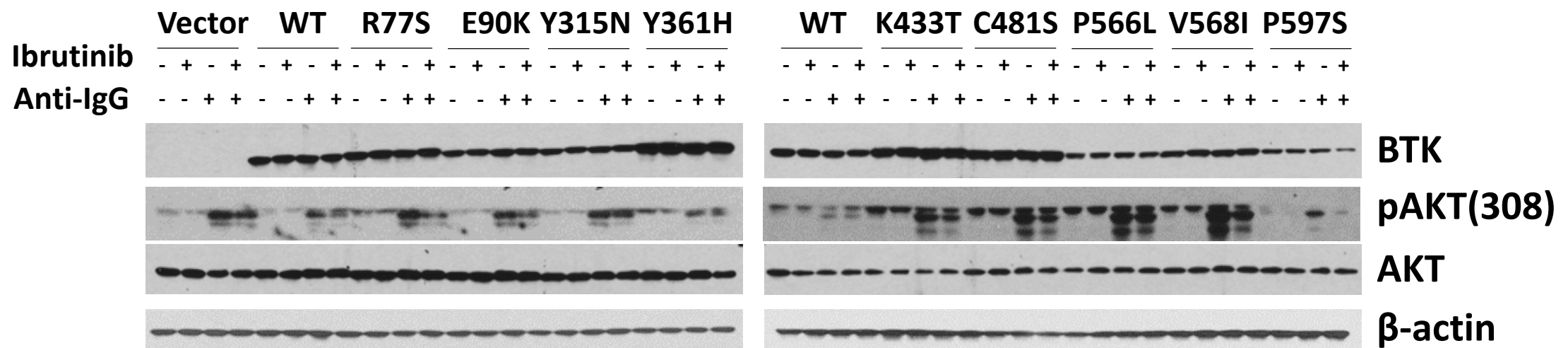
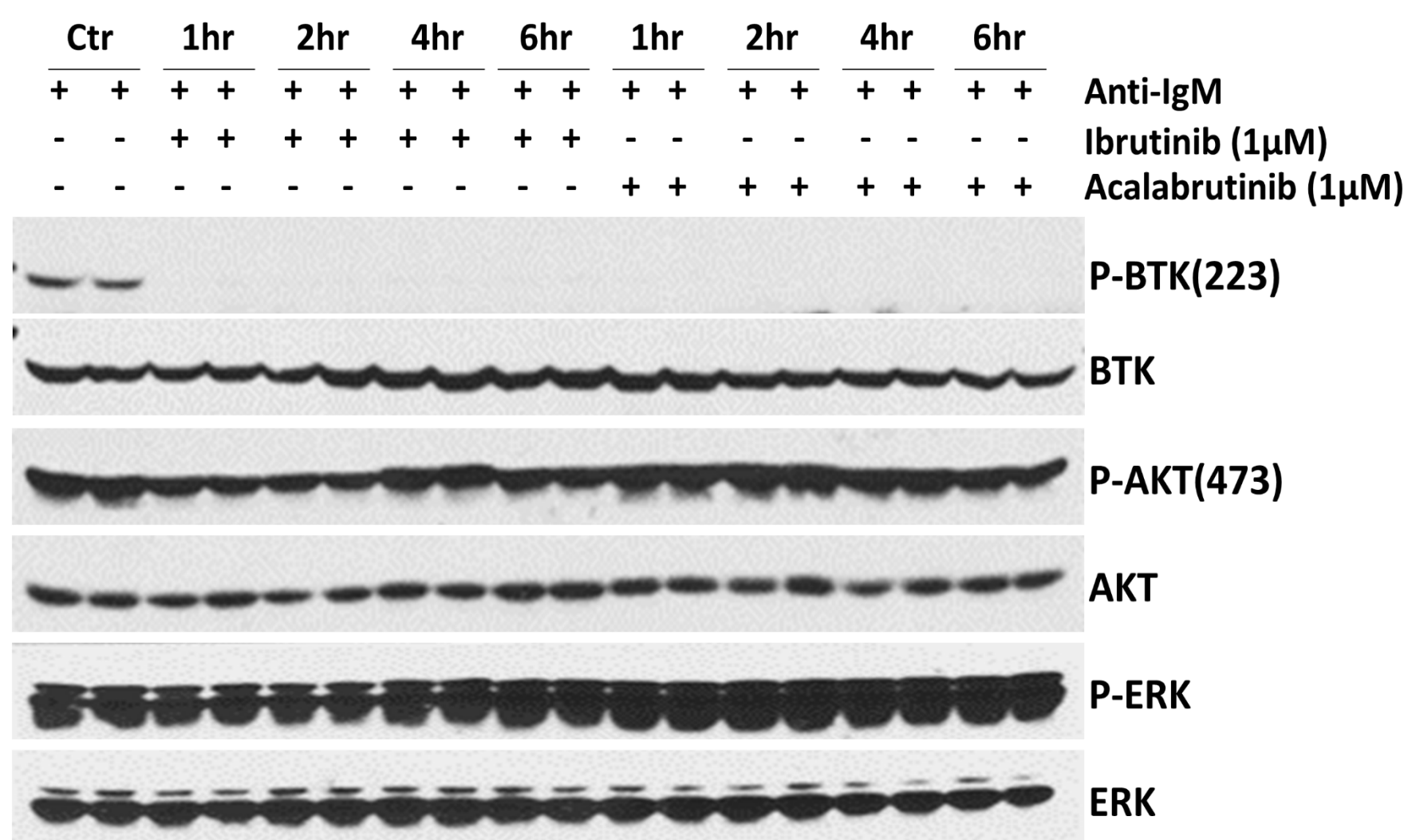
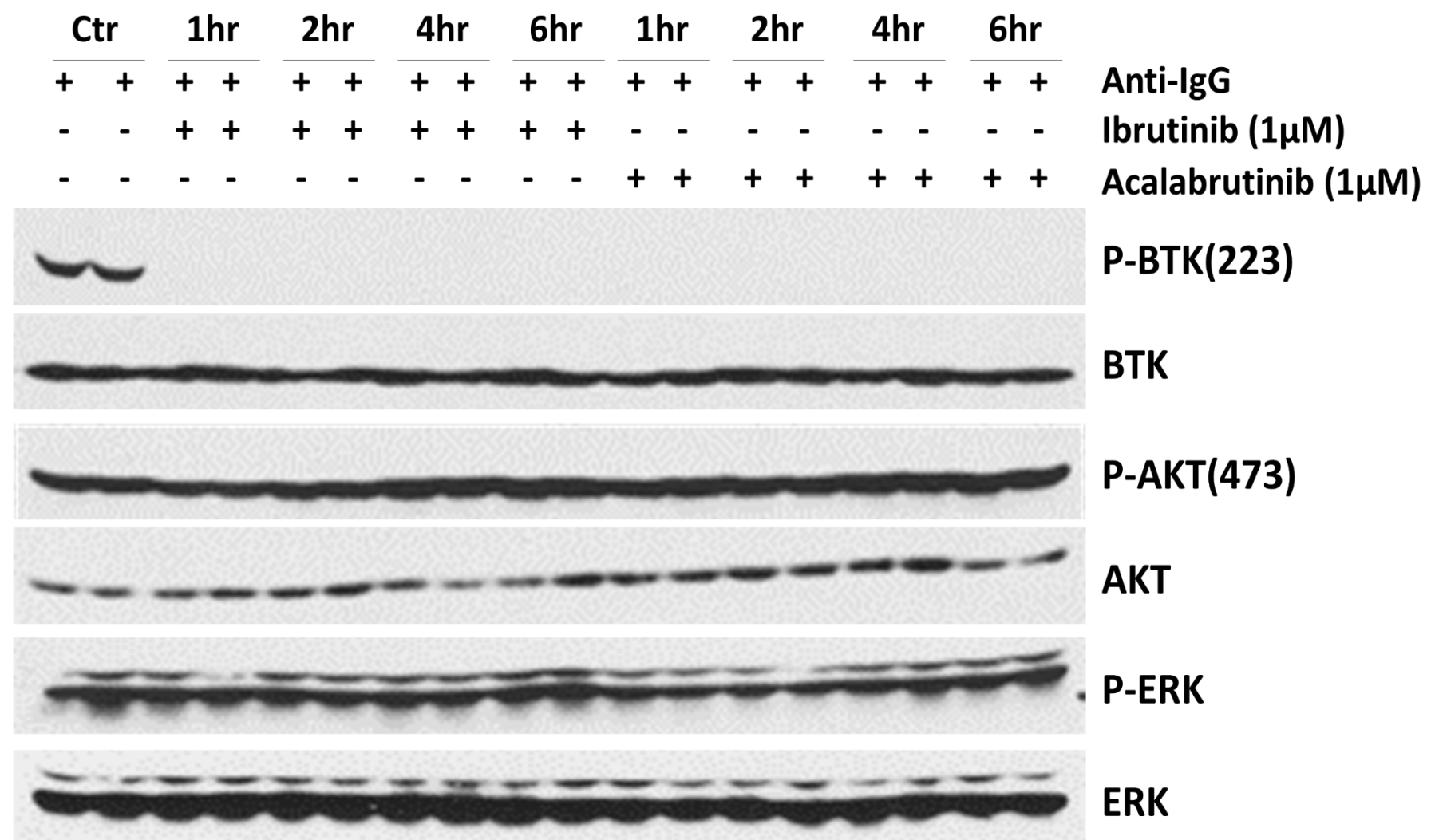


Figure S7

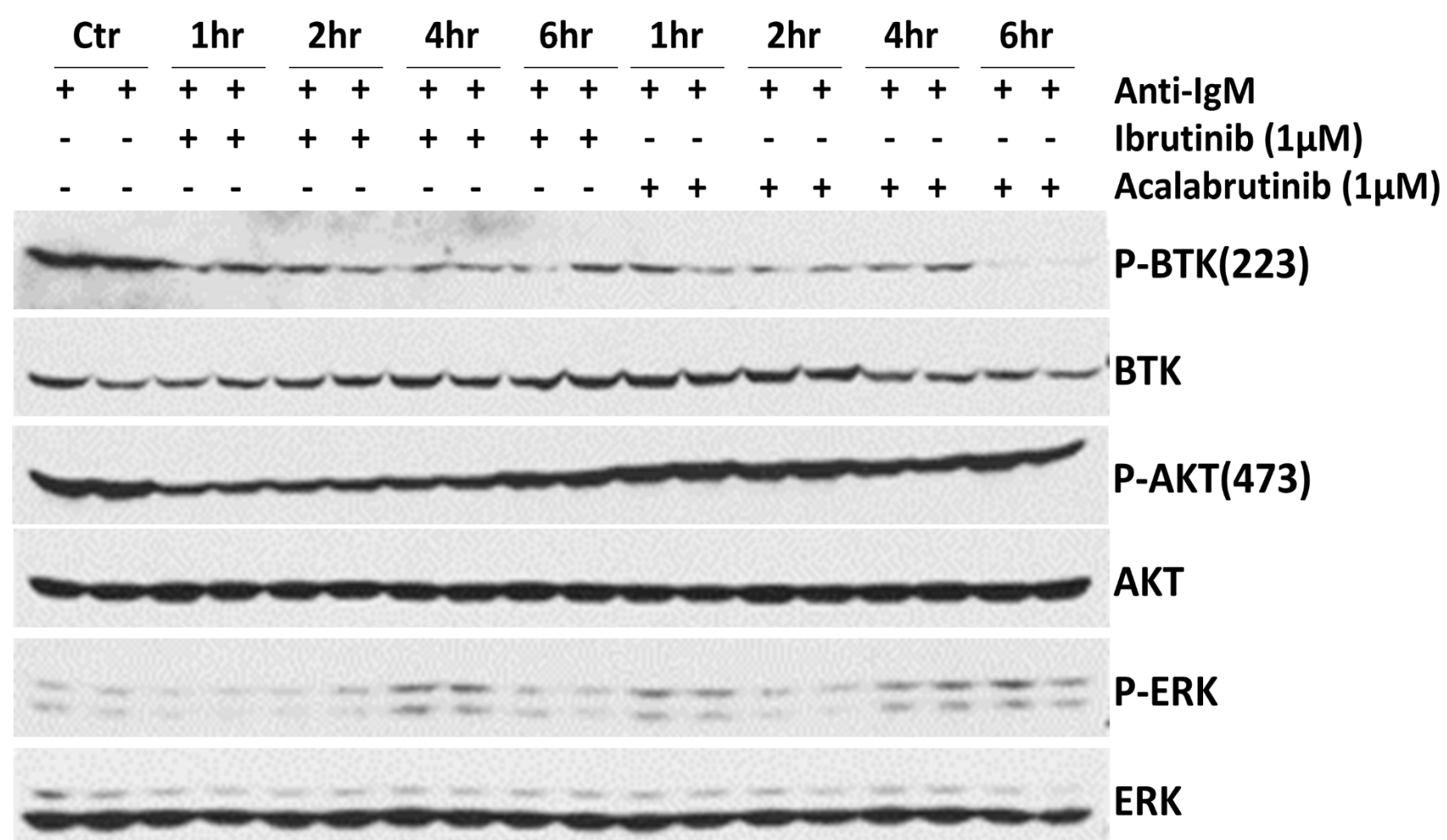
OCI-LY7



SUDHL4



HBL1



TMD8

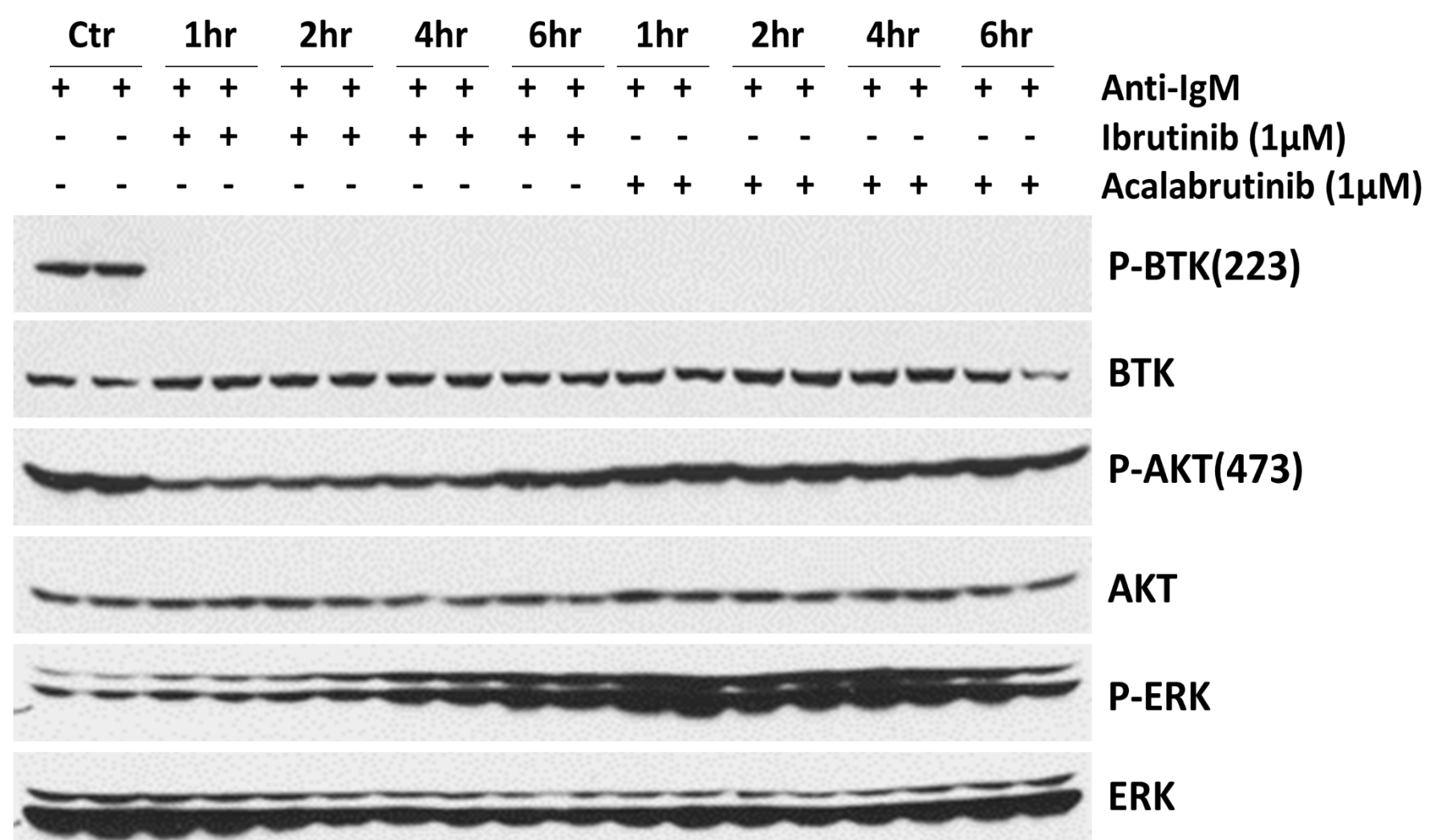


Figure S8

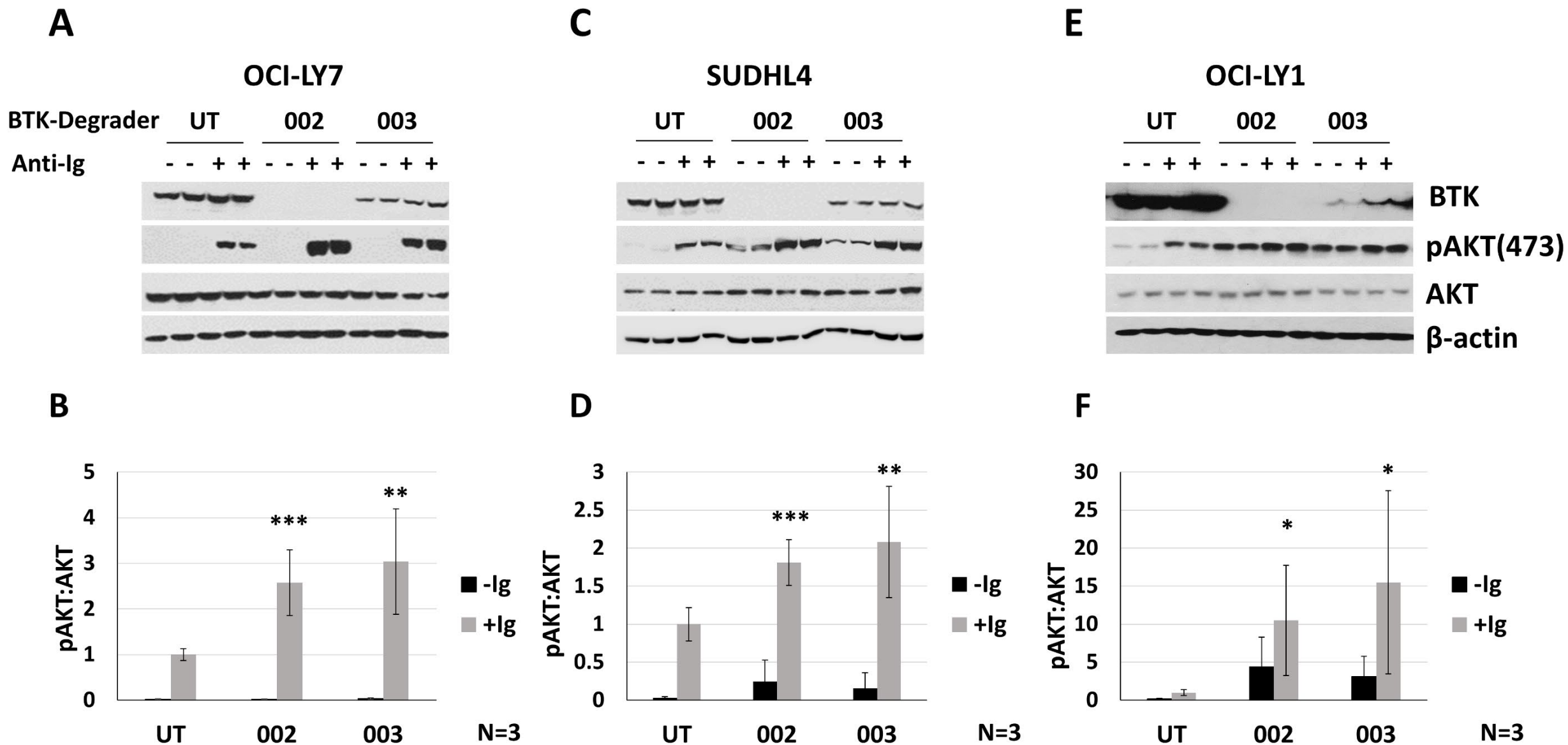
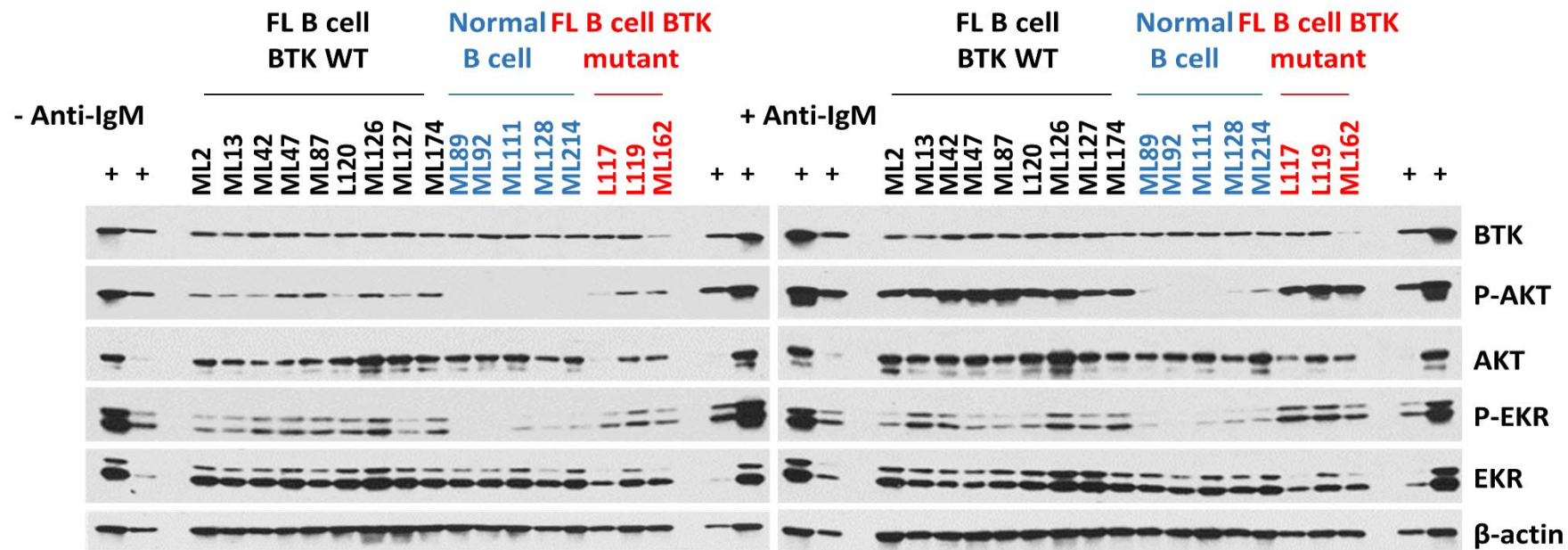
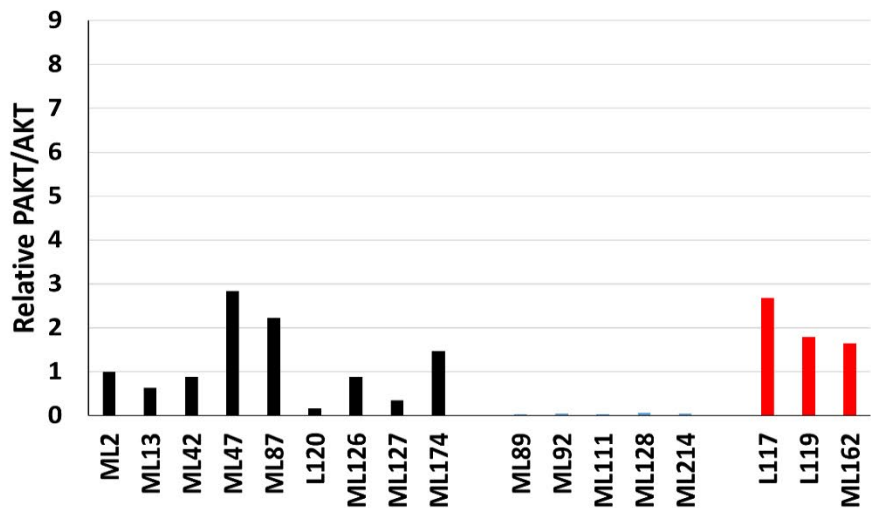


Figure S9



- Anti-IgM



+ Anti-IgM

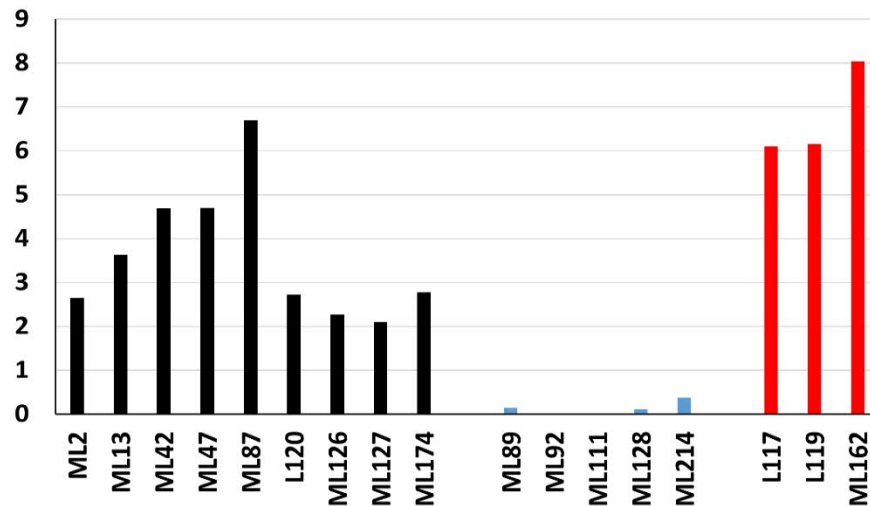


Figure S10

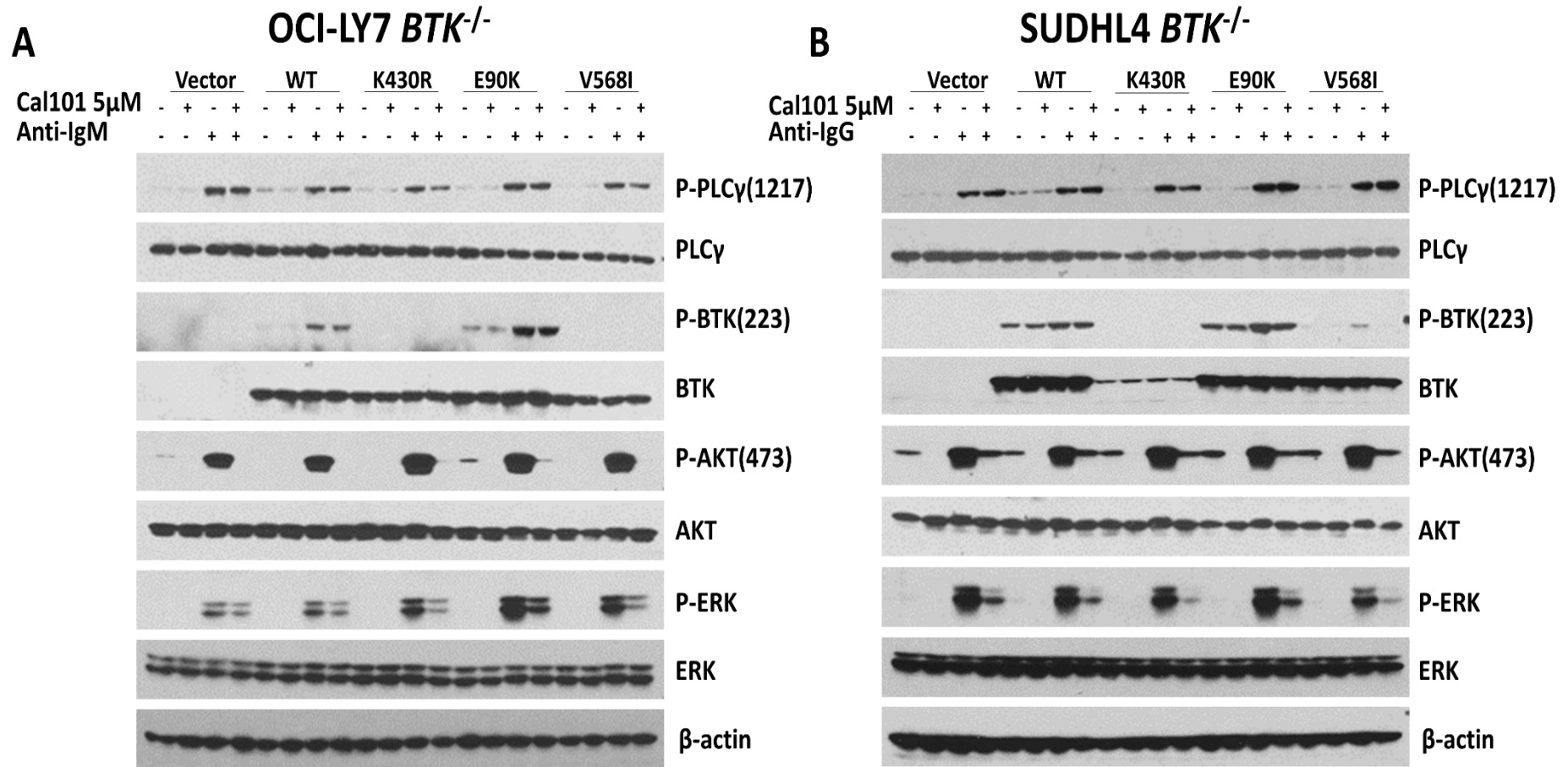


Figure S11

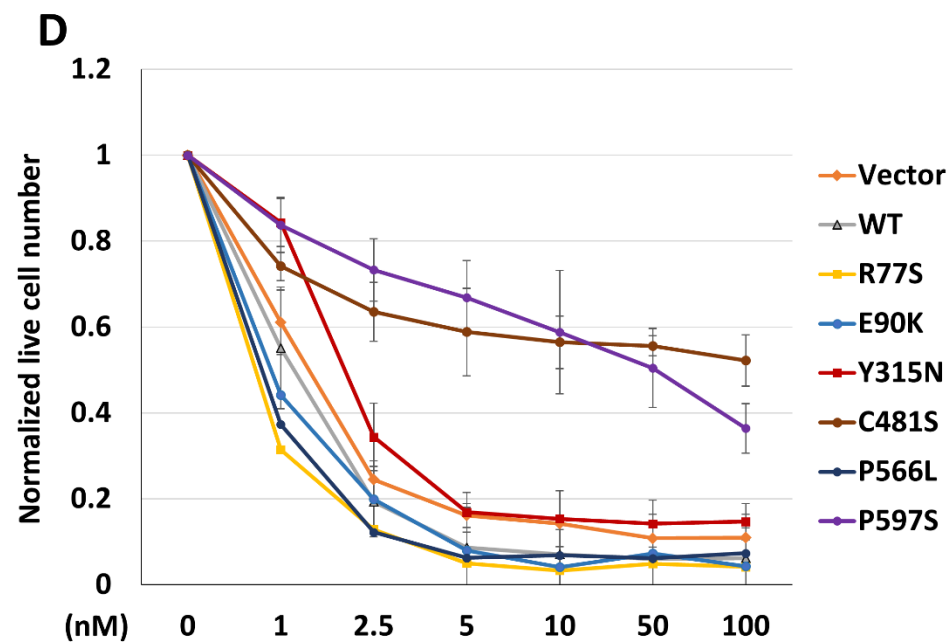
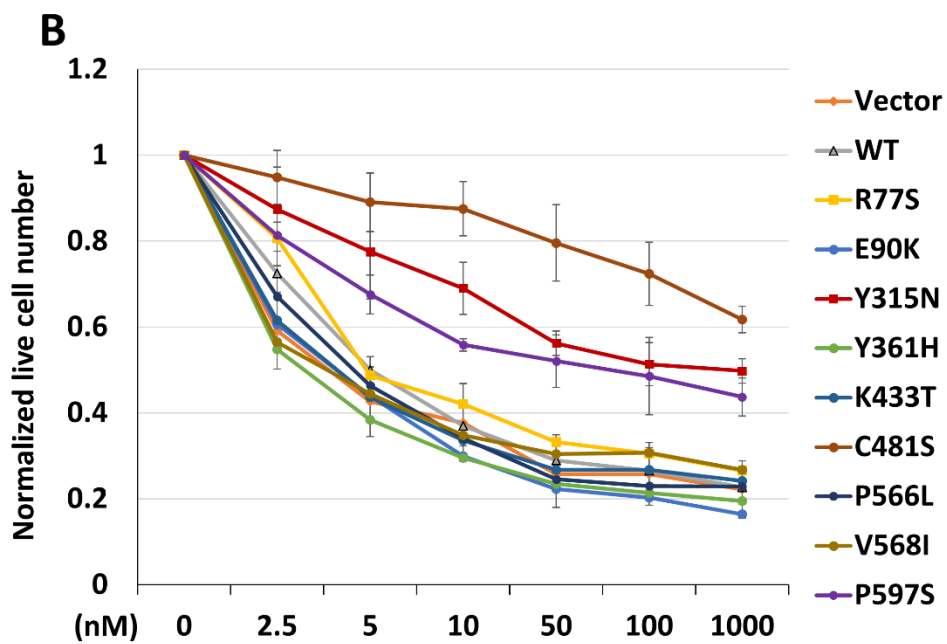
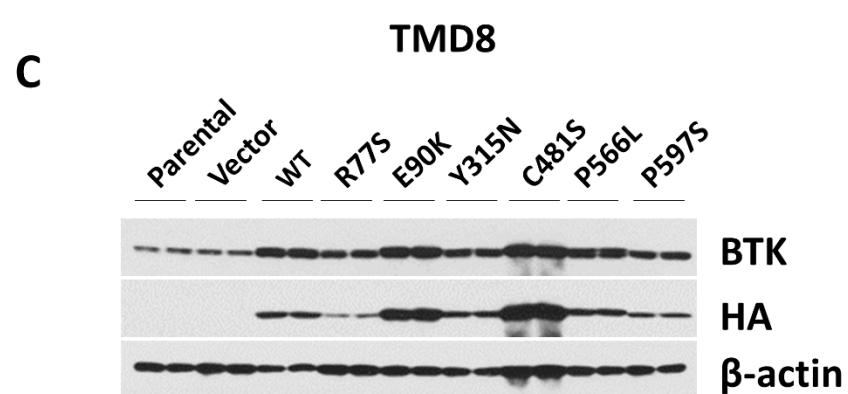
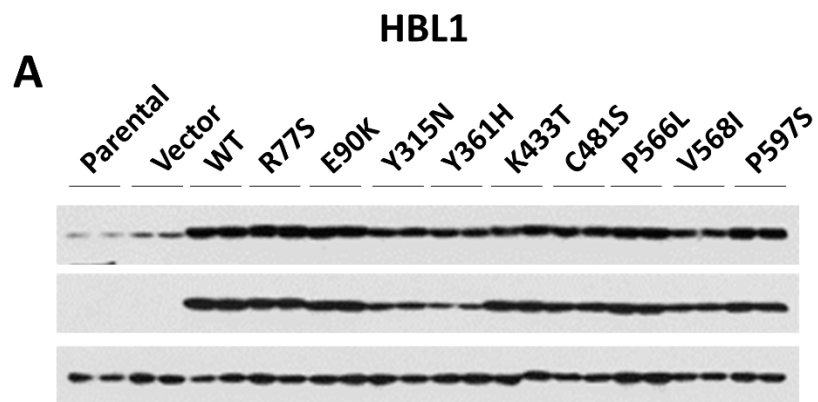


Figure S12