

Western blotting source data

We provided images before and after film cutting to prove that the target bands and the internal reference were indeed from a single membrane. (The sample volume was 25 μ g of protein per lane, n = 3).

Fig. 2. Decursin induces cell cycle arrest in FLT3-ITD-positive AML cells
(CDK4; Cyclin D1; Cyclin E1; P21)

Fig. 2D

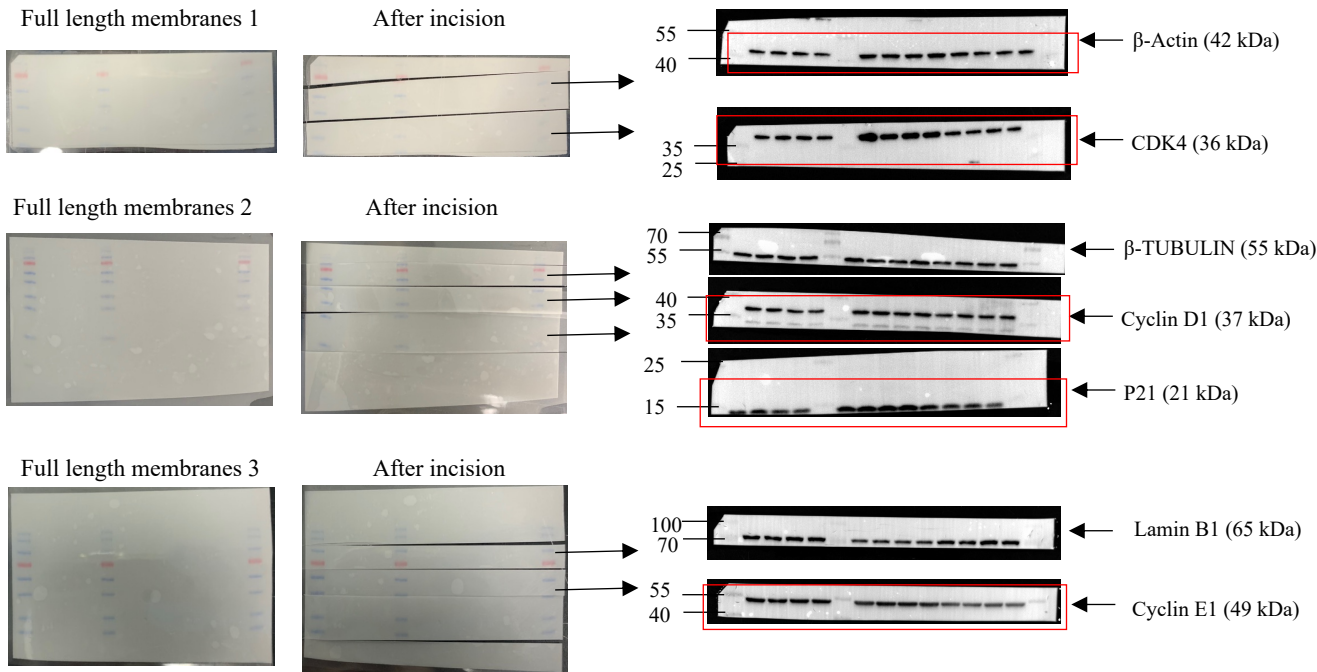


Fig. 3. Decursin promotes apoptosis in FLT3-ITD-positive AML cells.
(PARP1; Cleaved-PARP1; Caspase 3; Cleaved-Caspase3)

Fig. 3D

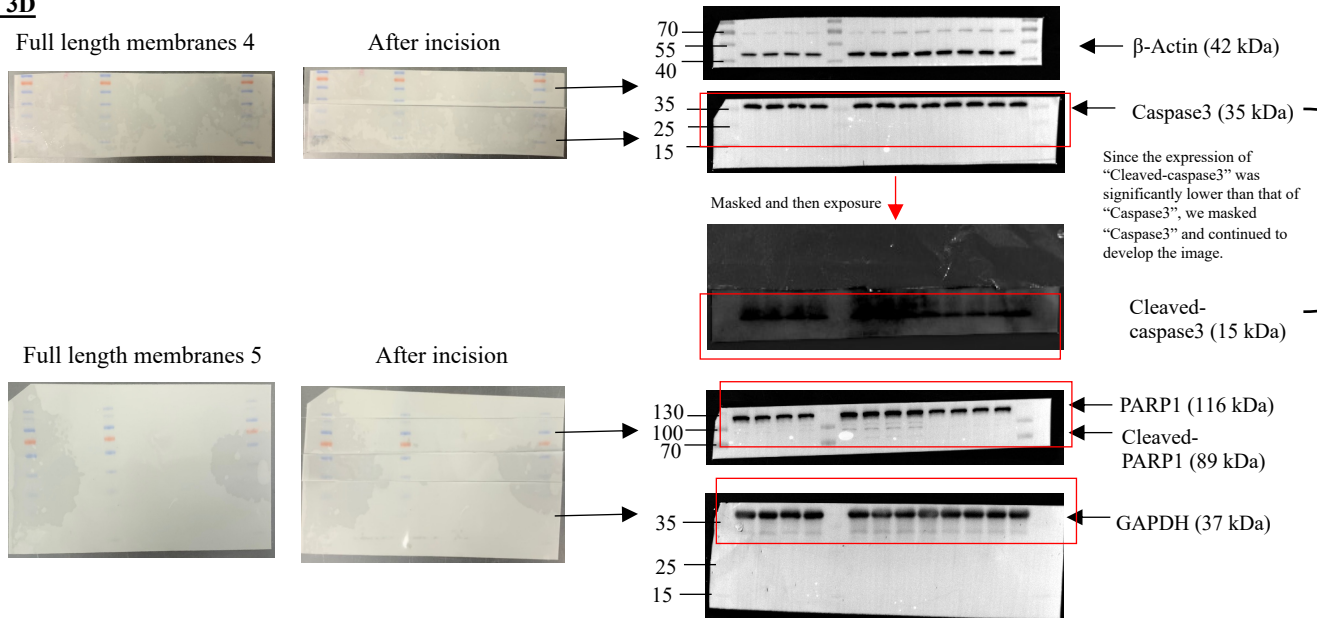


Fig. 4. Decursin decreases the FLT3-ITD protein level (FLT3; AKT; ERK)

Fig. 4G

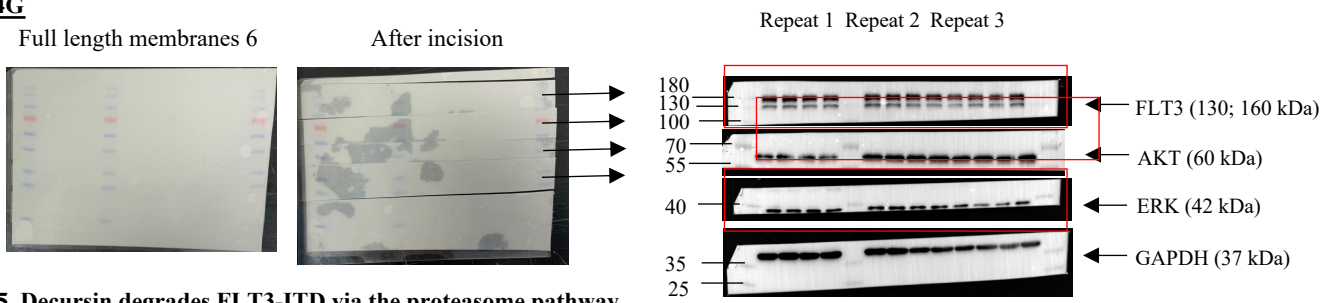


Fig. 5. Decursin degrades FLT3-ITD via the proteasome pathway (FLT3)

Fig. 5D

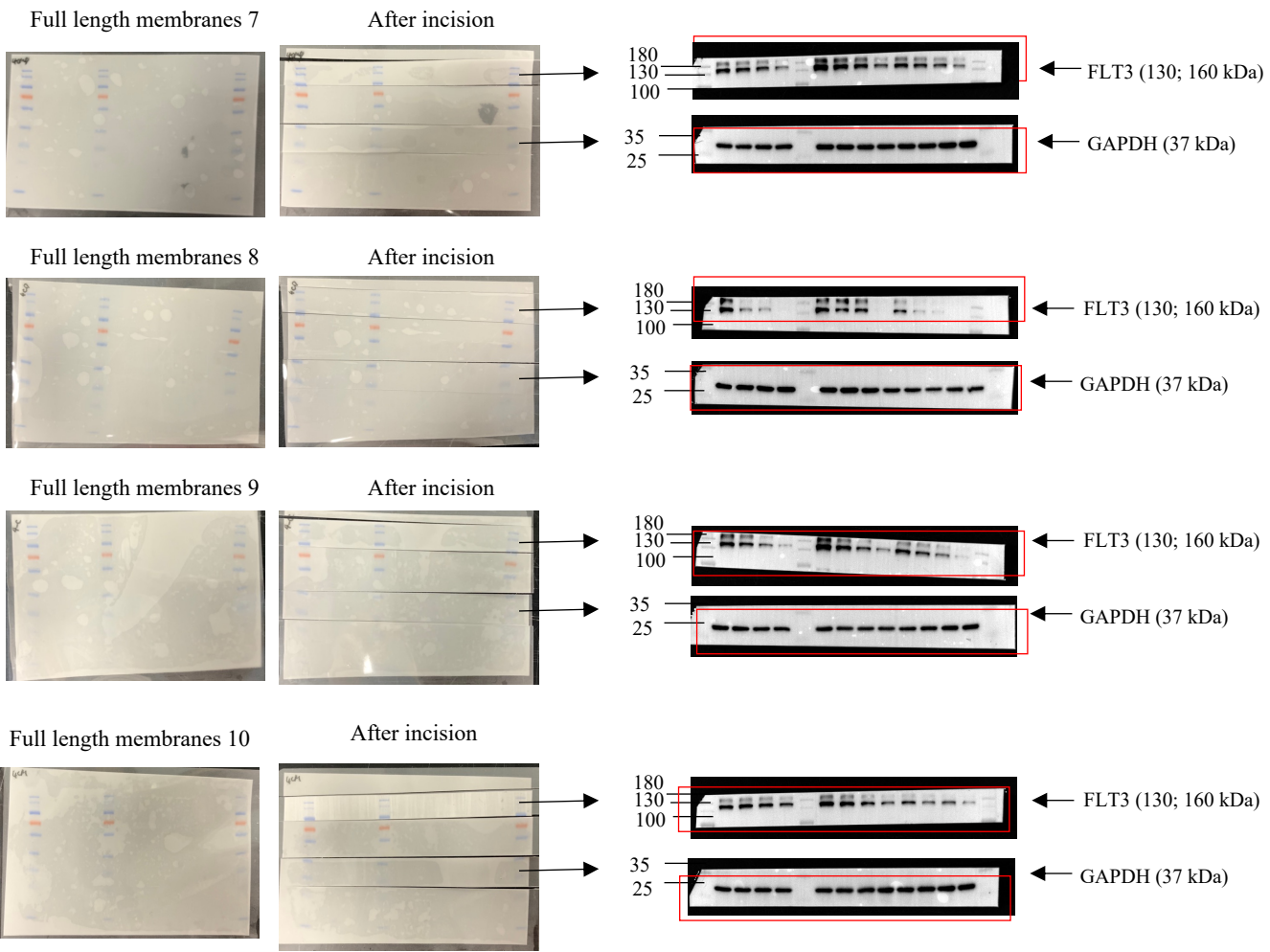
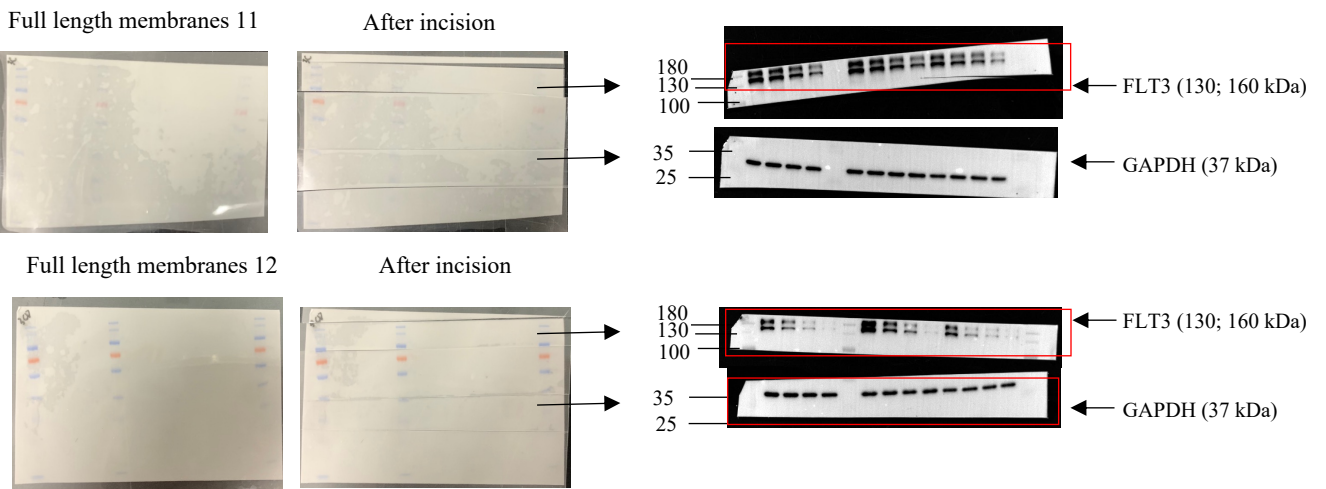


Fig. 5E



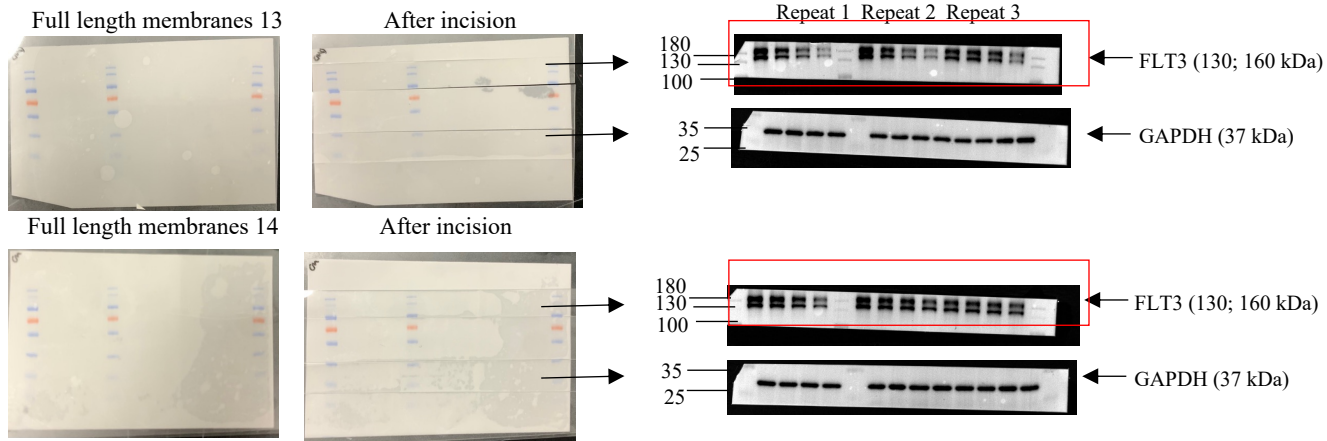


Fig. 6. Decursin-induced apoptosis occurs due to an increase in UBE2L6

(UBE2L6; FLT3; P-FLT3; STAT5; P-STAT5; C-MYC)

Fig. 6K

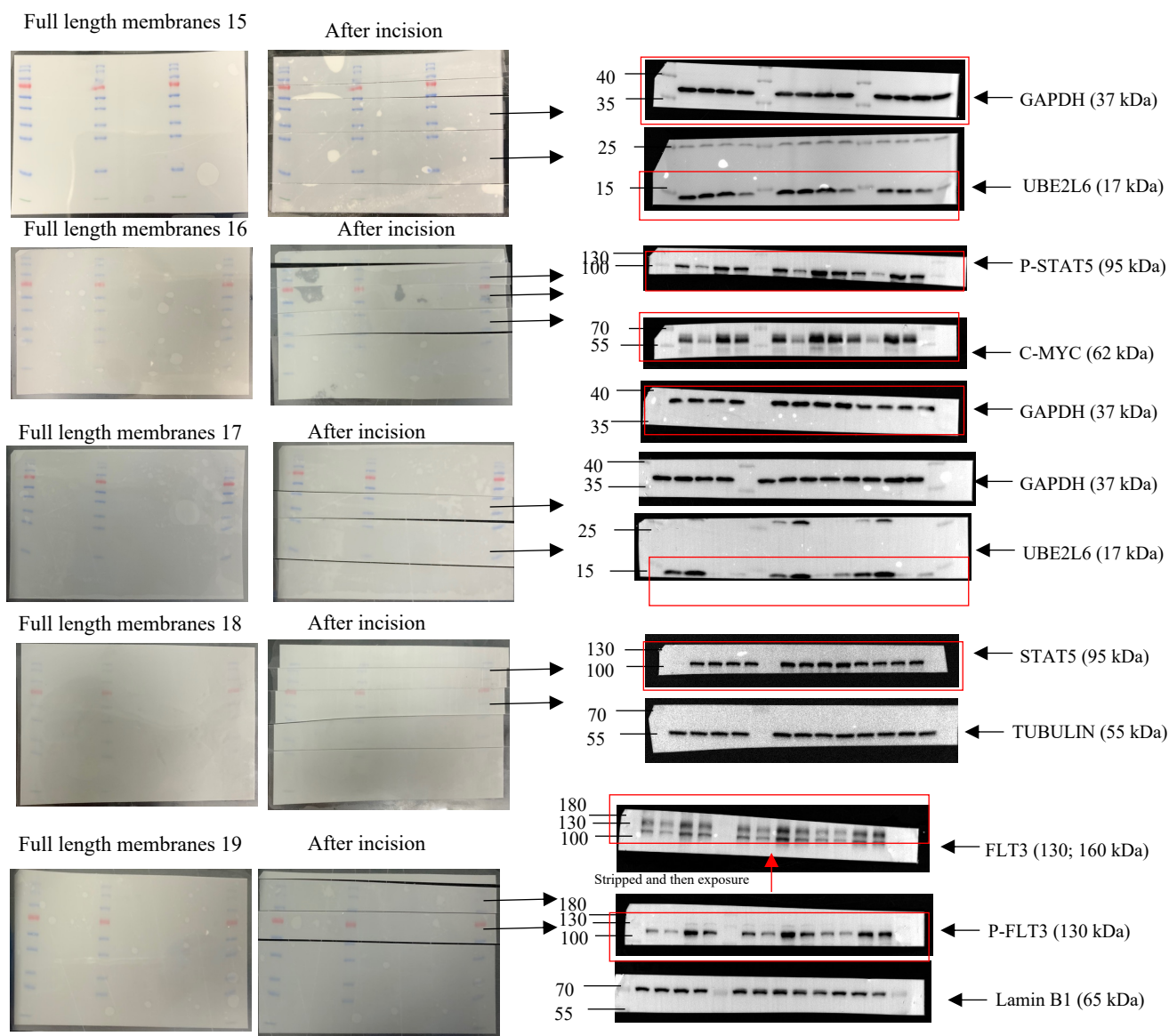


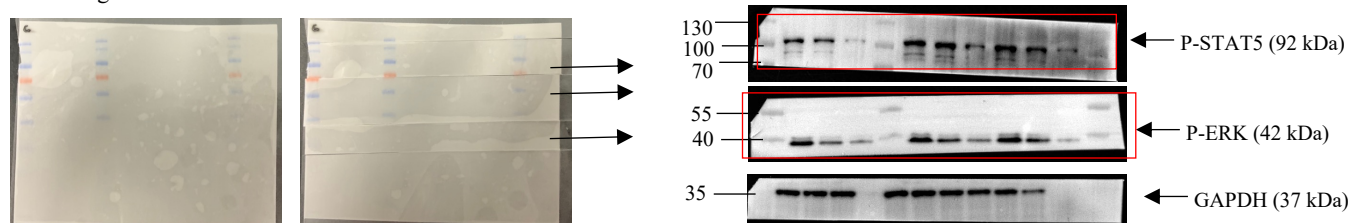
Fig. 8. Effects of decursin in primary AML cells

(UBE2L6; FLT3, P-FLT3, STAT5, P-STAT5, AKT, P-AKT, ERK, and P-ERK)

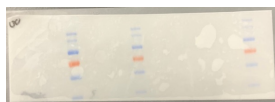
Fig. 8

Full length membranes 20

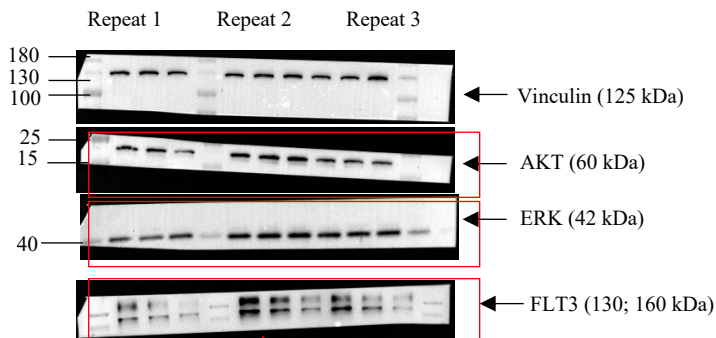
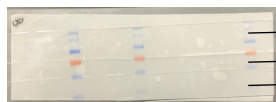
After incision



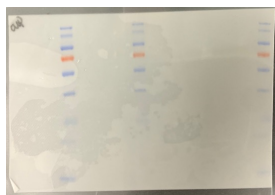
Full length membranes 21



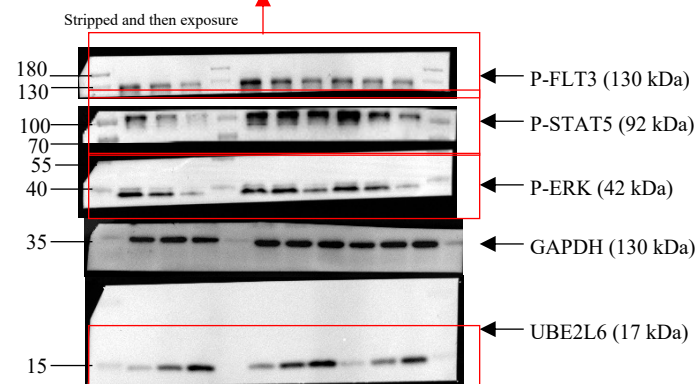
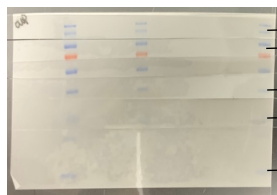
After incision



Full length membranes 22



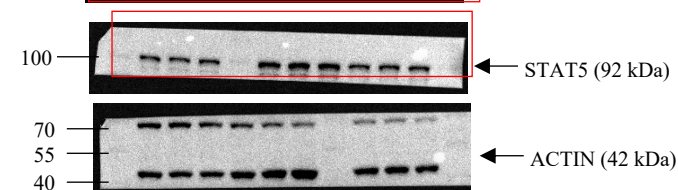
After incision



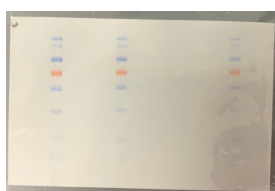
Full length membranes 23



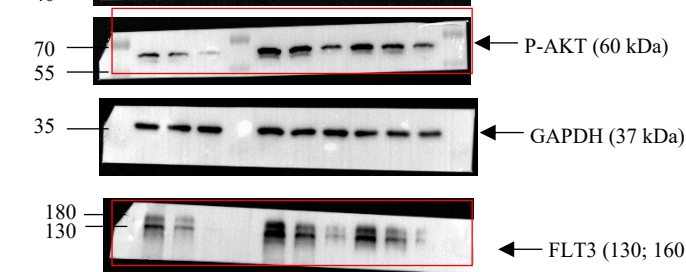
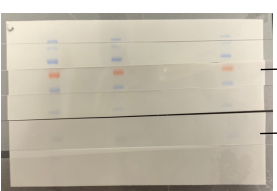
After incision



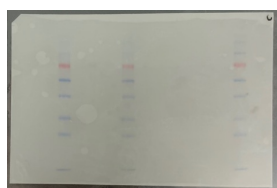
Full length membranes 24



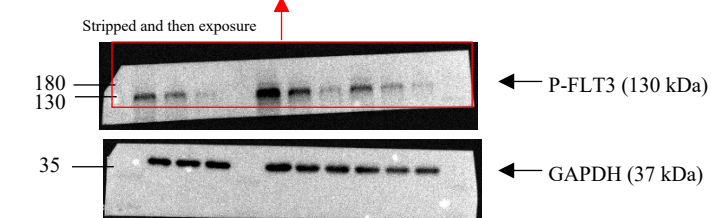
After incision



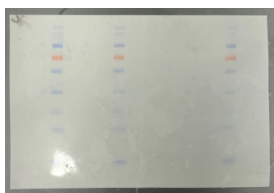
Full length membranes 25



After incision



Full length membranes 26



After incision

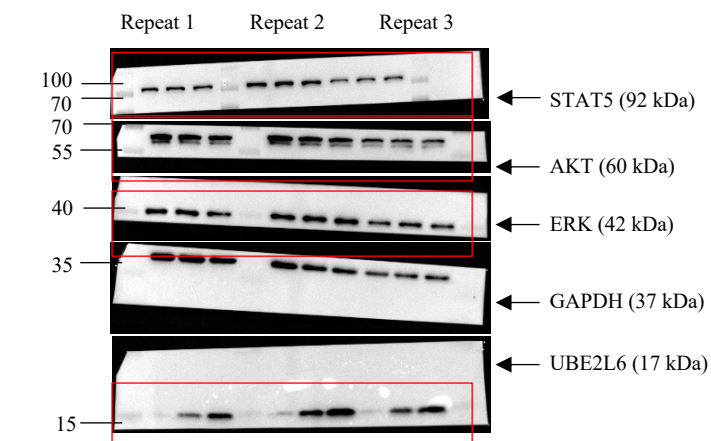
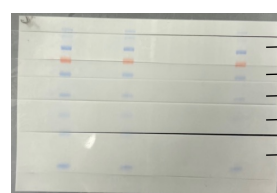
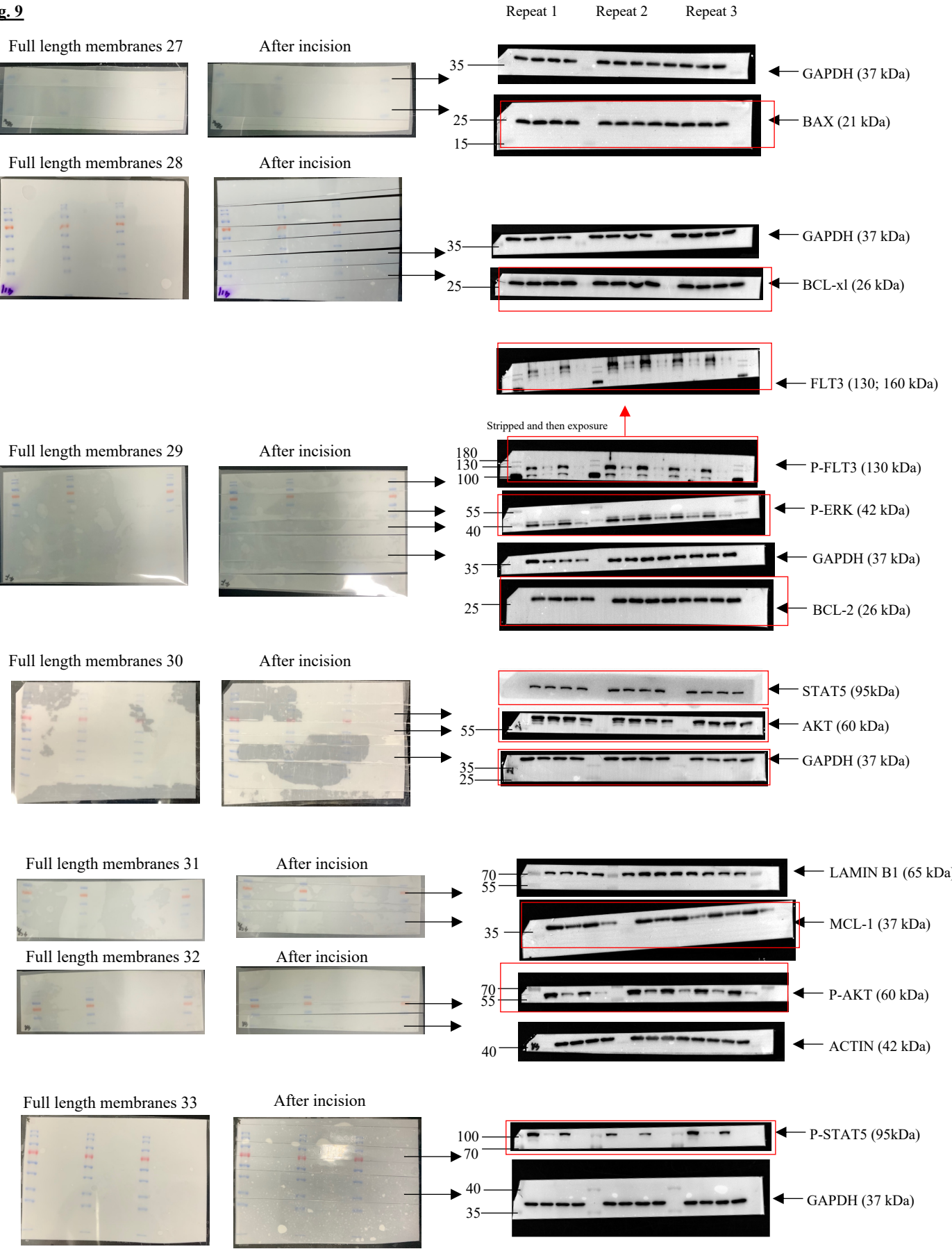


Fig. 9. Decursin synergistically enhances venetoclax-induced apoptosis
(FLT3, P-FLT3, STAT5, P-STAT5, AKT, P-AKT, ERK, P-ERK, MCL-1, BCL-2, BAX, and BCL-xl)

Fig. 9



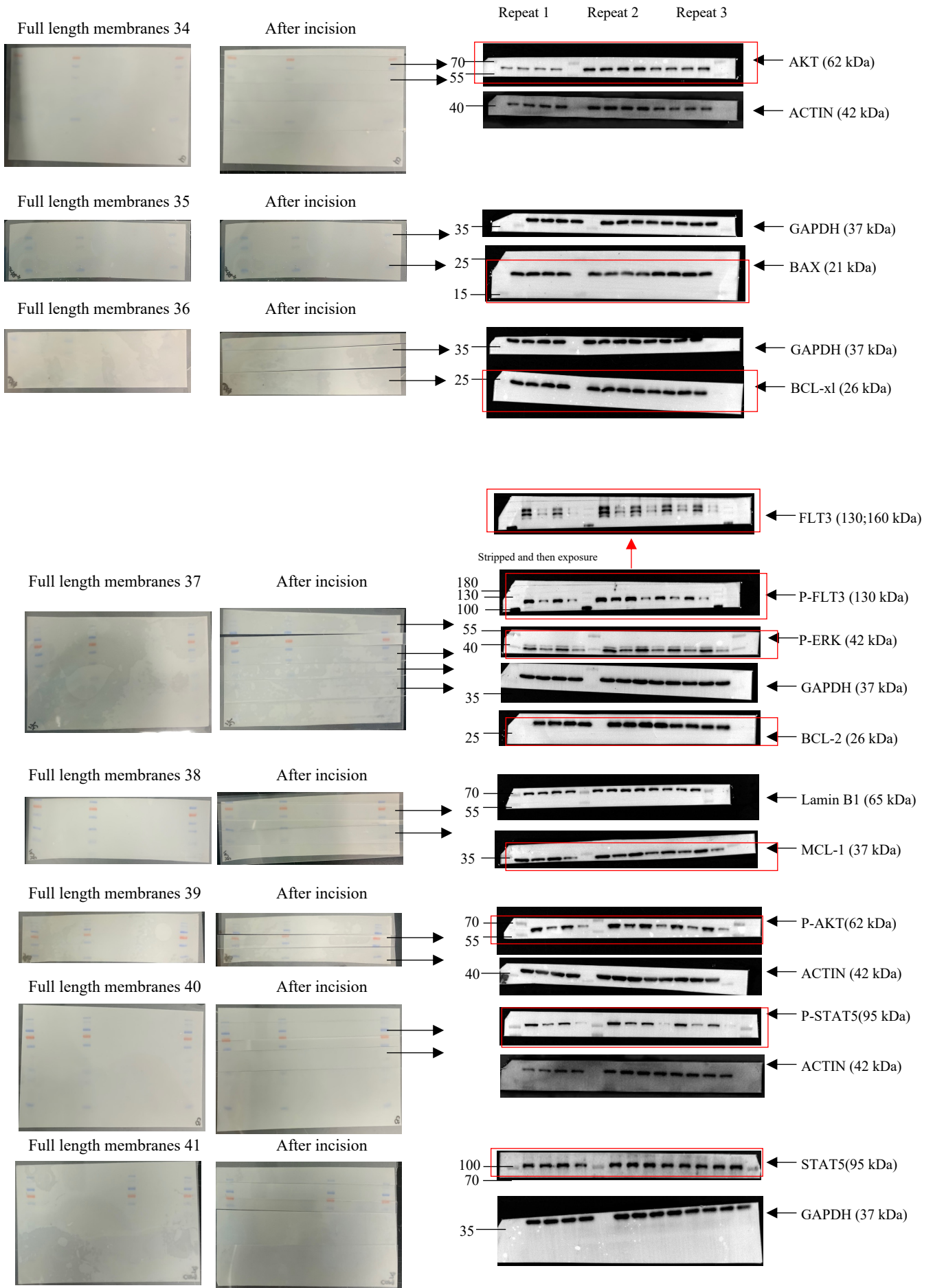


Fig. S1. Stronger toxic effects of decursin on Ba/F3 FLT3-ITD cells than on Ba/F3 D835Y cells. (FLT3)

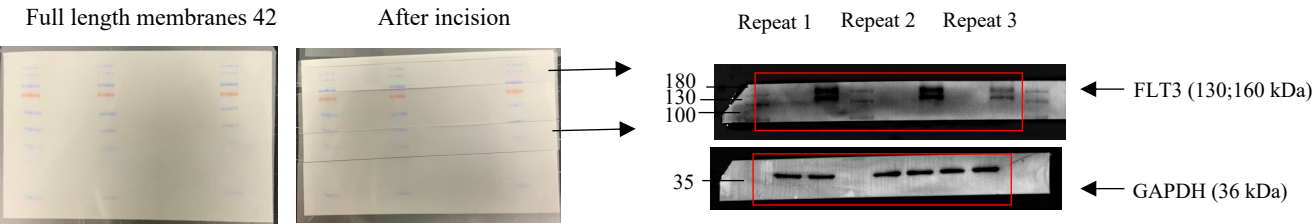


Fig. S2. Decursin decreased the levels of C-MYC (S62). (P-C-MYC(S62); P-C-MYC (T58))

