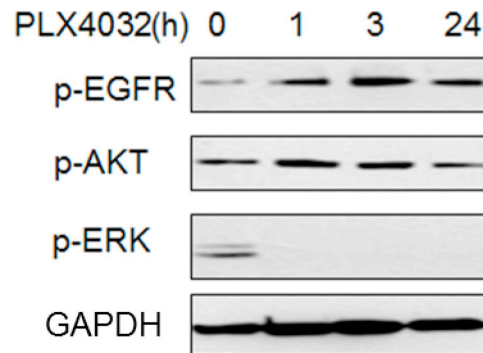
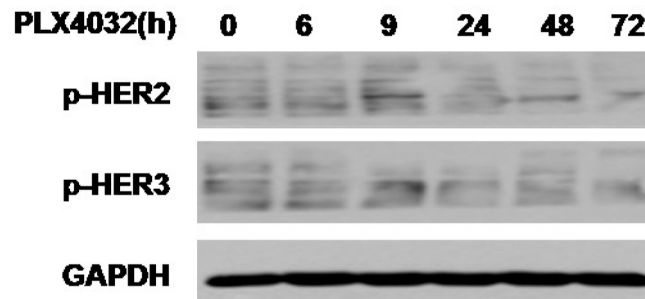


Acquired resistance to BRAF inhibition induces epithelial-to-mesenchymal transition in BRAF (V600E) mutant thyroid cancer by c-Met-mediated AKT activation

Supplementary Materials



Supplementary Figure S1: Western blot analysis after treatment of 1 μ M PLX4032 until 24 hours in 8505C cells. p-EGFR expression was increased following BRAF inhibition.

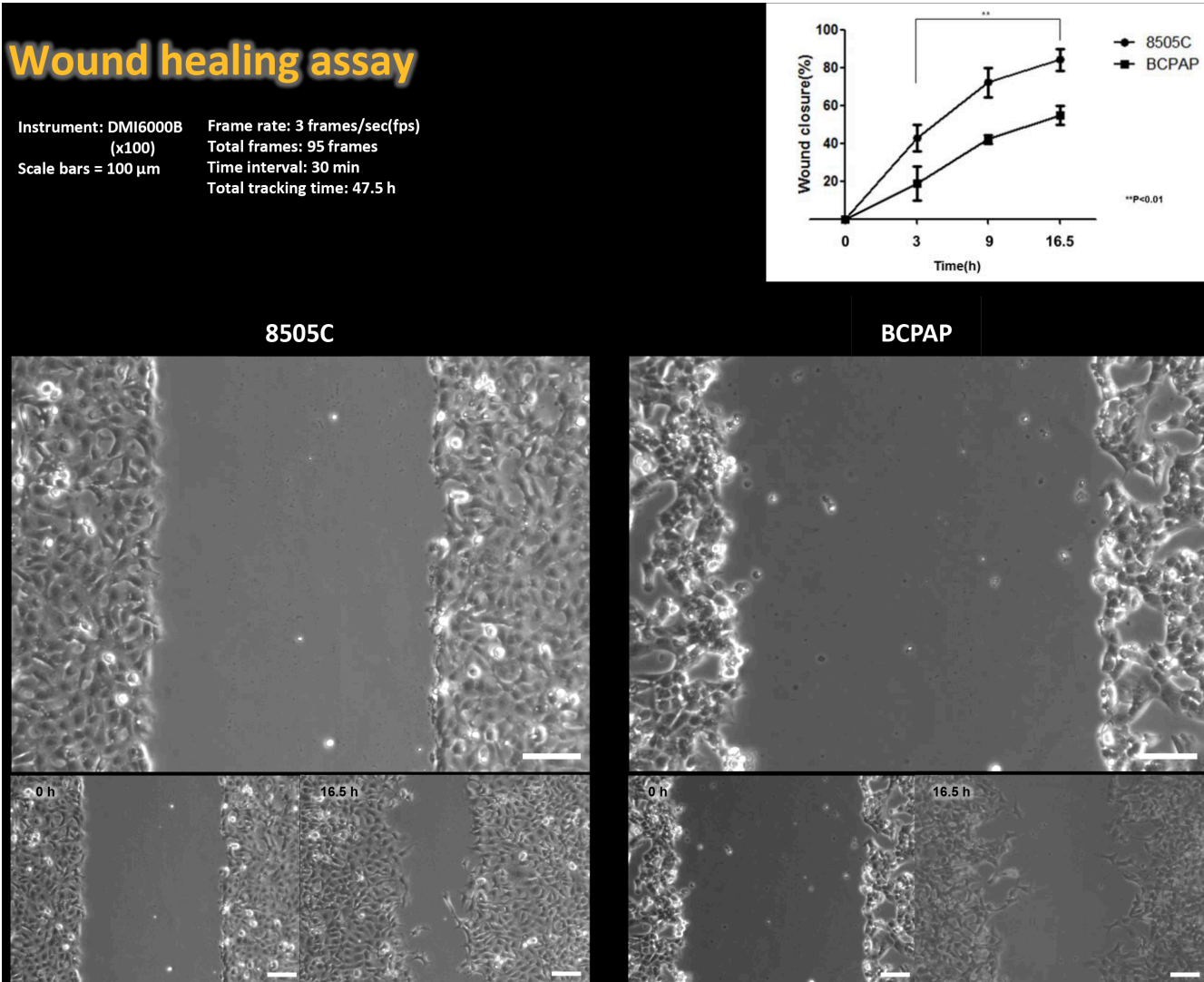


Supplementary Figure S2: Western blot analysis after treatment of 1 μ M PLX4032 until 72 hours in 8505C cells. There were no significant changes in p-HER2 or p-HER3 following BRAF inhibition.

Supplementary Table S1: Microarray data set of 8505C and BCPAP cells

Gene	Fold change
MET	1.6
PIK3CA	-1.2
BRAF	-1.1
CRAF	1.1
ERK	-1.3

The expression of each gene is expressed in fold change values of 8505C with reference to BCPAP.



Supplementary Video S1: Live wound healing assay of 8505C and BCPAP after treatment with 1 μM PLX4032 for 9 h. **p < 0.01.