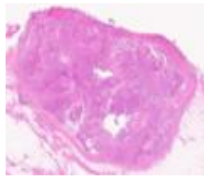
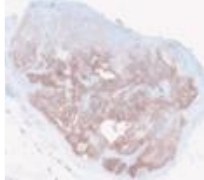

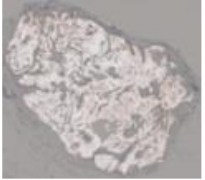

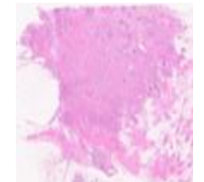





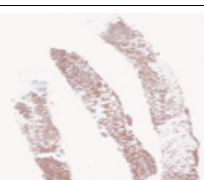


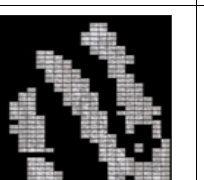

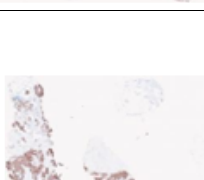


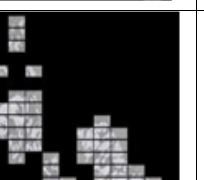




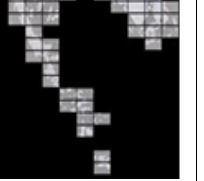



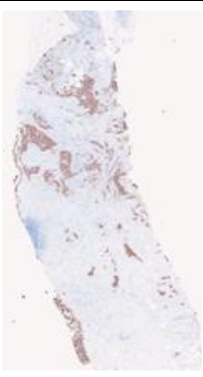








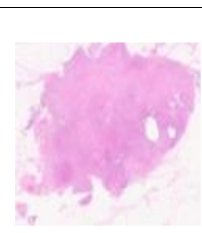
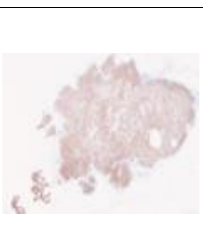


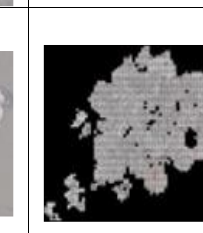




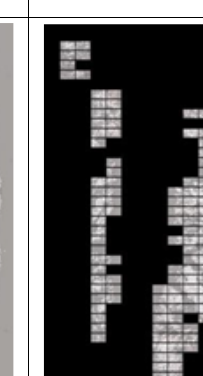

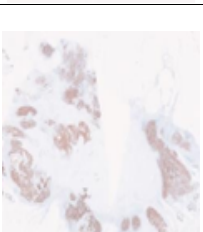

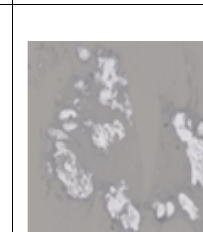

# Consecutive Cytokeratin Immunochemistry-Supervised Algorithm for Predicting Tumor Areas in Ki67 Breast Cancer Images




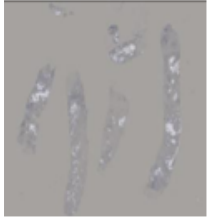









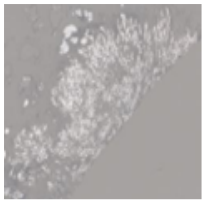
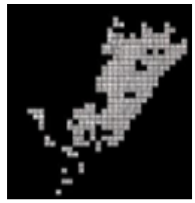
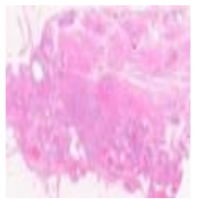
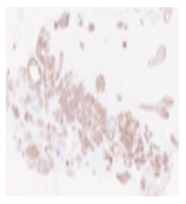

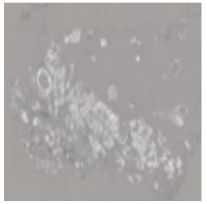







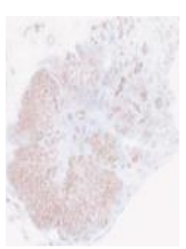
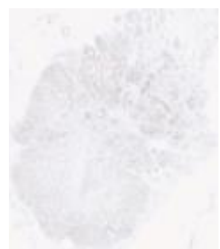
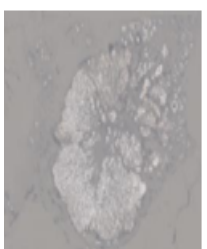


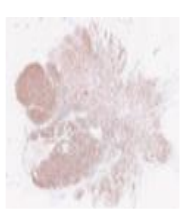

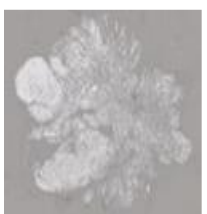
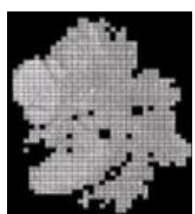
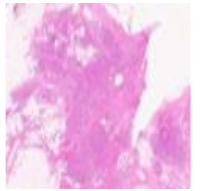

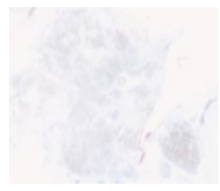
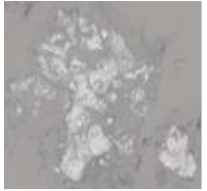

*Chien-Hui Wu<sup>1</sup>, Min-Hsiang Chang<sup>1\*</sup>, Hsin-Hsiu Tsa<sup>2</sup>, Mei-Lin Yang<sup>2</sup>, and Yi-Ting Peng<sup>2</sup>*

## Supplementary Description

**Table S1:** Testing set images and intersection of union.

Case (set B testing)	H&E	CK	Ki67	Predicted mask (B)	Predicted mask (B1)	IoU (B/B1)
Case 1						0.5059/ 0.6067
Case 2						0.5952/ 0.6170
Case 3						0.6900/ 0.7053
Case 4						0.6025/ 0.6507
Case 5						0.6808/ 0.7282

Case 6						0.5665/ 0.6517
Case 7						0.5534/ 0.5982
Case 8						0.6101/ 0.6232
Case 9						0.5124/ 0.5514
Case10						0.5670/ 0.5941

Case 11						0.3618/ 0.4392
Case 12						0.4633/ 0.5099
Case 13						0.4164/ 0.6217
Case 14						0.6116/ 0.7078
Case 15						0.6524/ 0.6553
Case 16						0.6817/ 0.7121
Case 17						0.6589/ 0.6681
Case 18						0.5282/ 0.5574