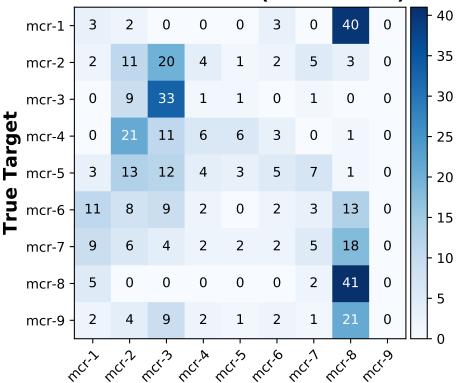Final Fluorescence Intensity Confusion Matrix (Acc: 24.59%)