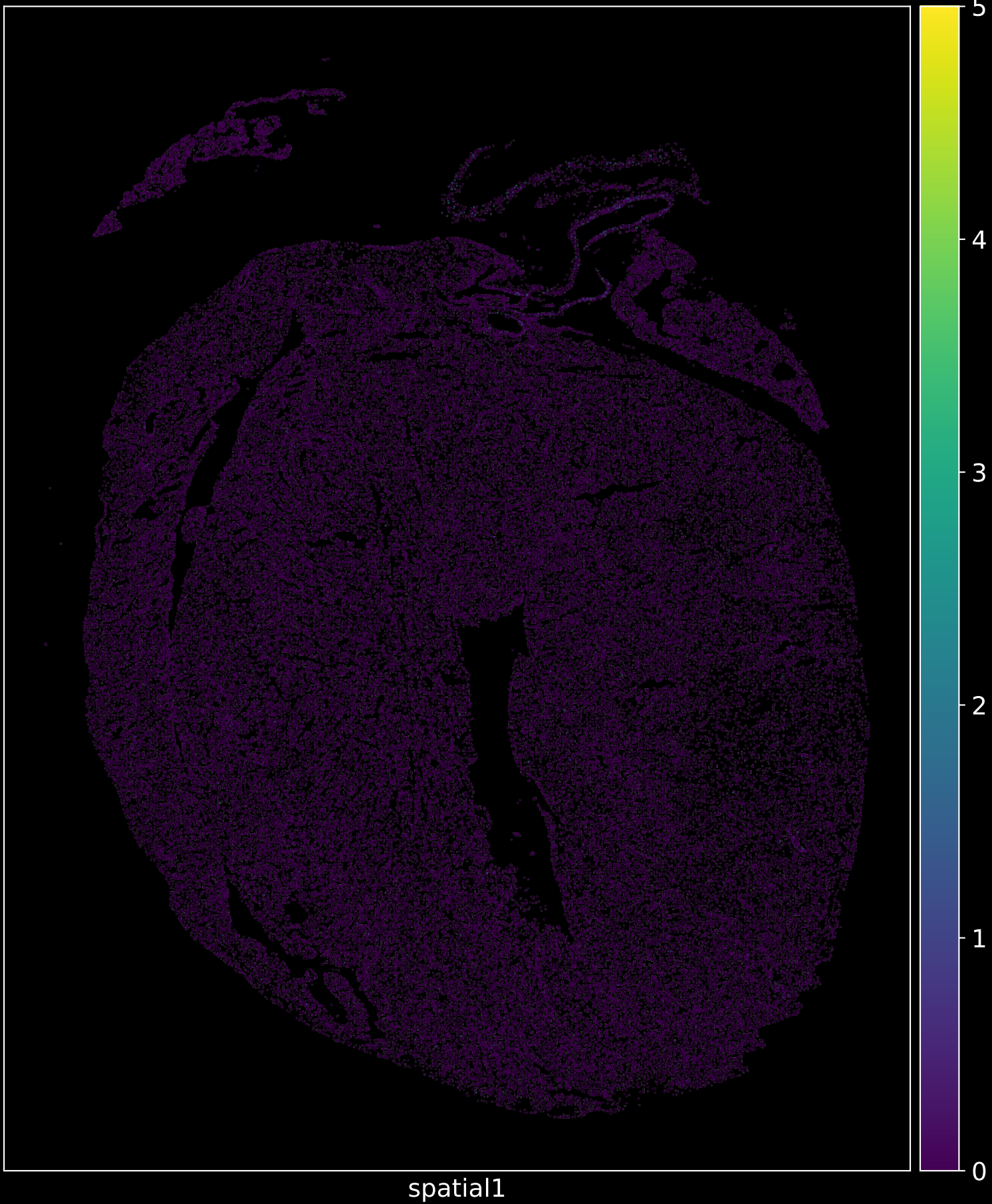Cnn1 in ctrl