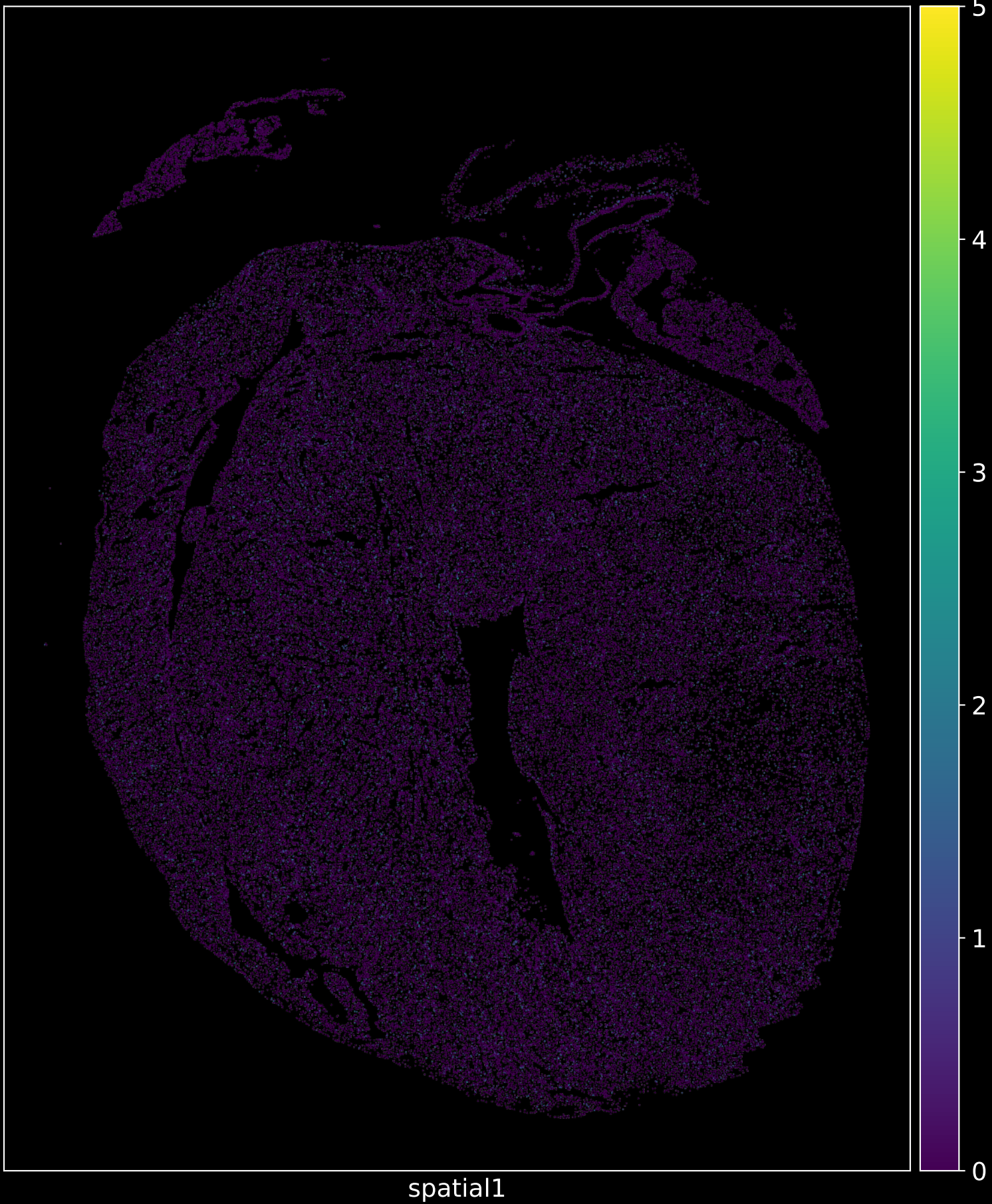Smoc2 in ctrl