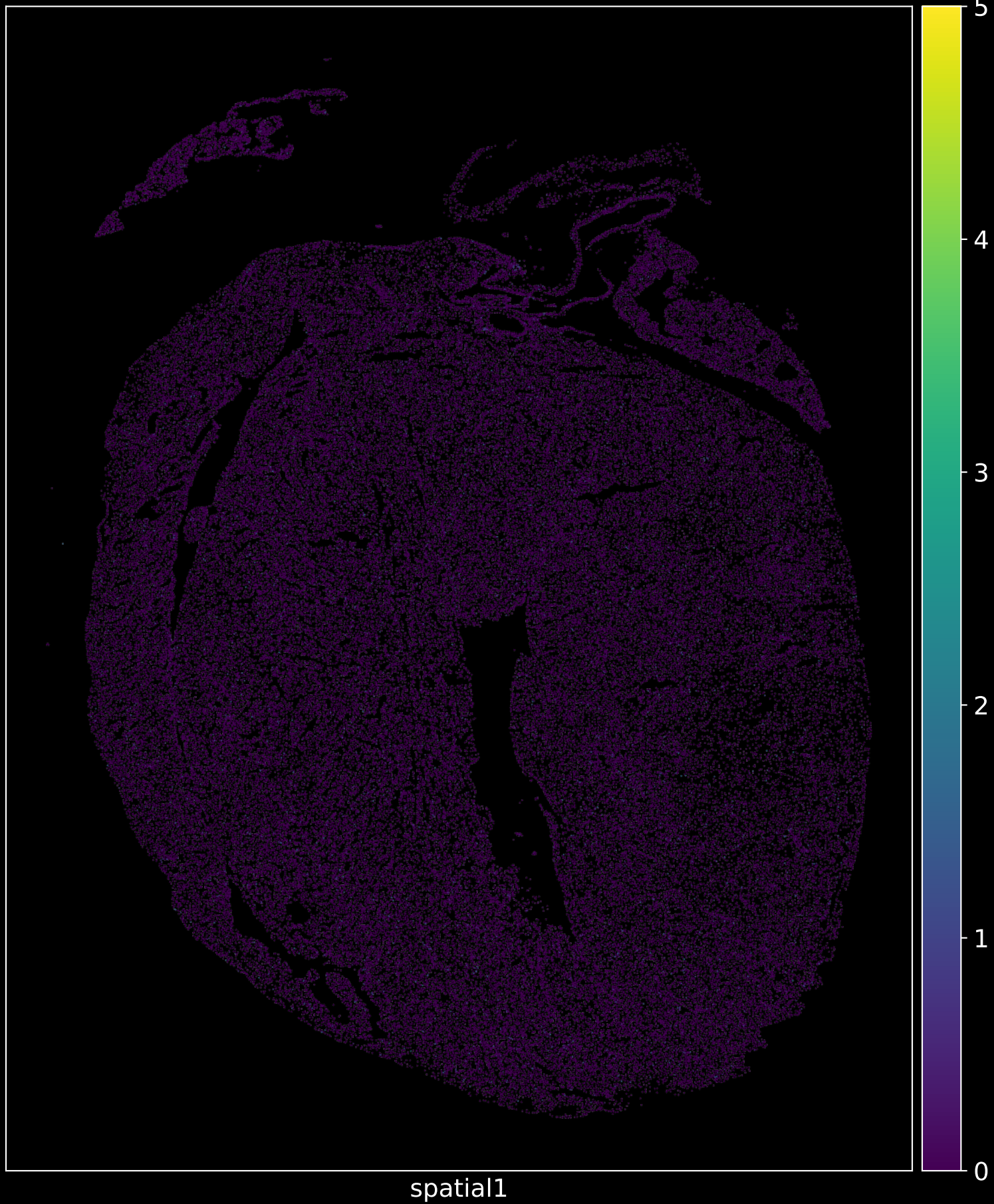Smad1 in ctrl