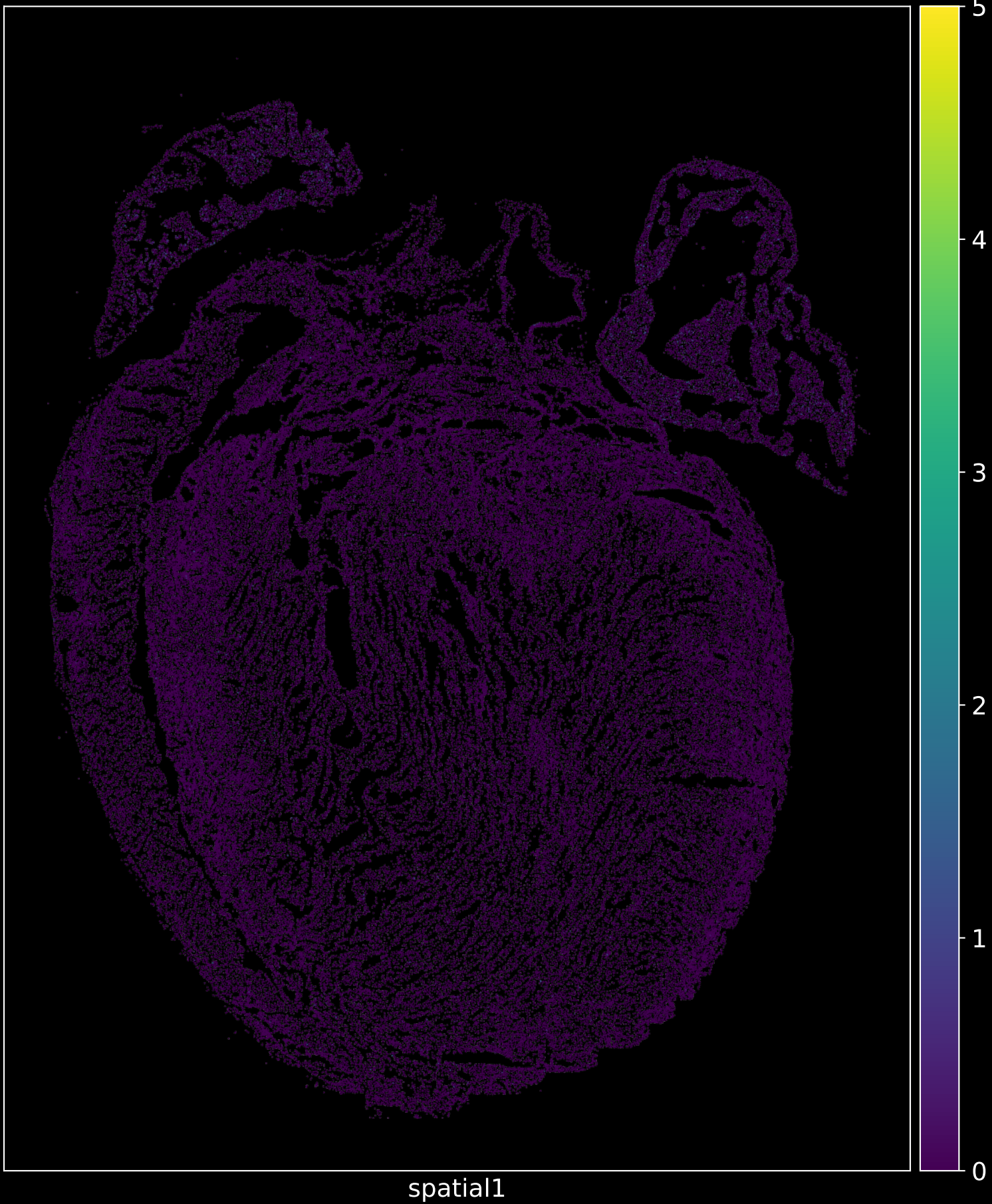Erbb4 in KO1