In this Article, a citation to He et al. (2020)1 was missing from three places in the main text. This has been added to the original Article as ref. 98, and occurs after the following text: “...used as input for RNA sequencing (RNA-seq)”, “...are reported in companion manuscripts”, and “...including deconvolution of whole-tissue data into distinct cell types”. In addition, owing to an error during the production process, ‘chromatin’ was inadvertently written as ‘chromabulltin’ in the text: “We systematically map chromatin state...”. These errors have been corrected online.