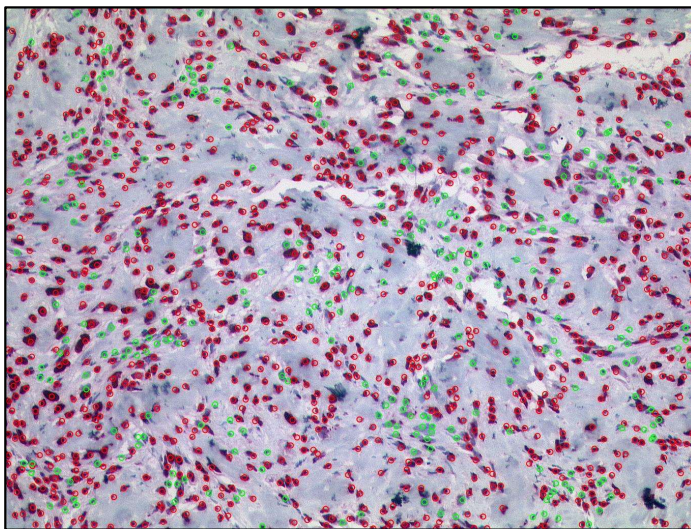


a



b

Supplement Figure S1: Demonstrating cell counting with open-source software QuPath. Colour coding: blue: giant cells; cyan: giant cell nuclei; red: H3F3A G34W stained cells; lime: unstained cells. Two examples: (a) before denosumab (b) after denosumab