

Article

Enrichment-free Single-cell Detection and Morphogenomic Profiling of Myeloma Patient Samples to Delineate Circulating Rare Plasma Cell Clones

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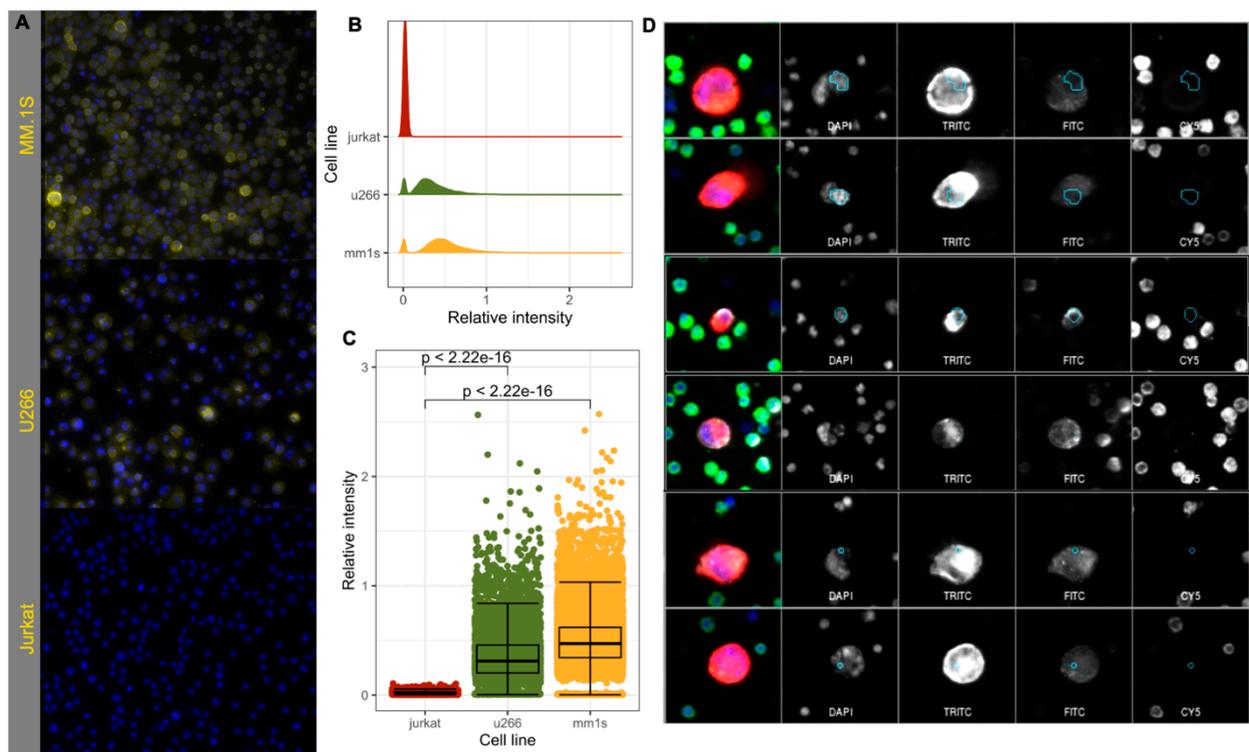


Figure S1. Assay validation of markers in spiked NBD samples. **A.** Representative images at 100x magnification of Jurkat, U266, and MM.1S pure cell lines stained with CD138 (yellow) and DAPI (blue). **B.** Cell density distribution by CD138 intensity across cell lines; Jurkat (dark red), U266 (green), MM1s (gold). **C.** Comparative quantification of CD138 intensity in cell lines. **D.** Representative images of U266 spiked in NBD cells stained with CD138 (red), CD45 (green). All nucleated cells DAPI positive (blue).

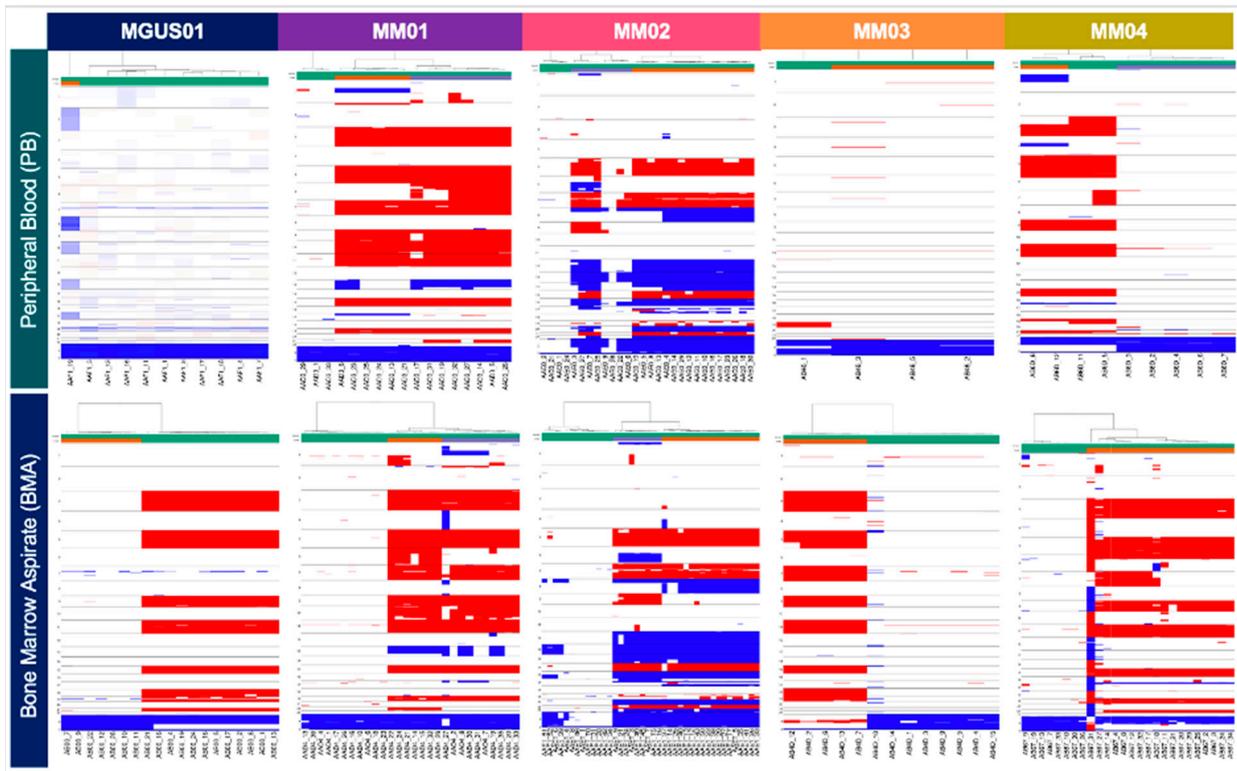


Figure S2. Heatmap representation of all sequenced cells and associated chromosomal alterations across all patients and sample types.