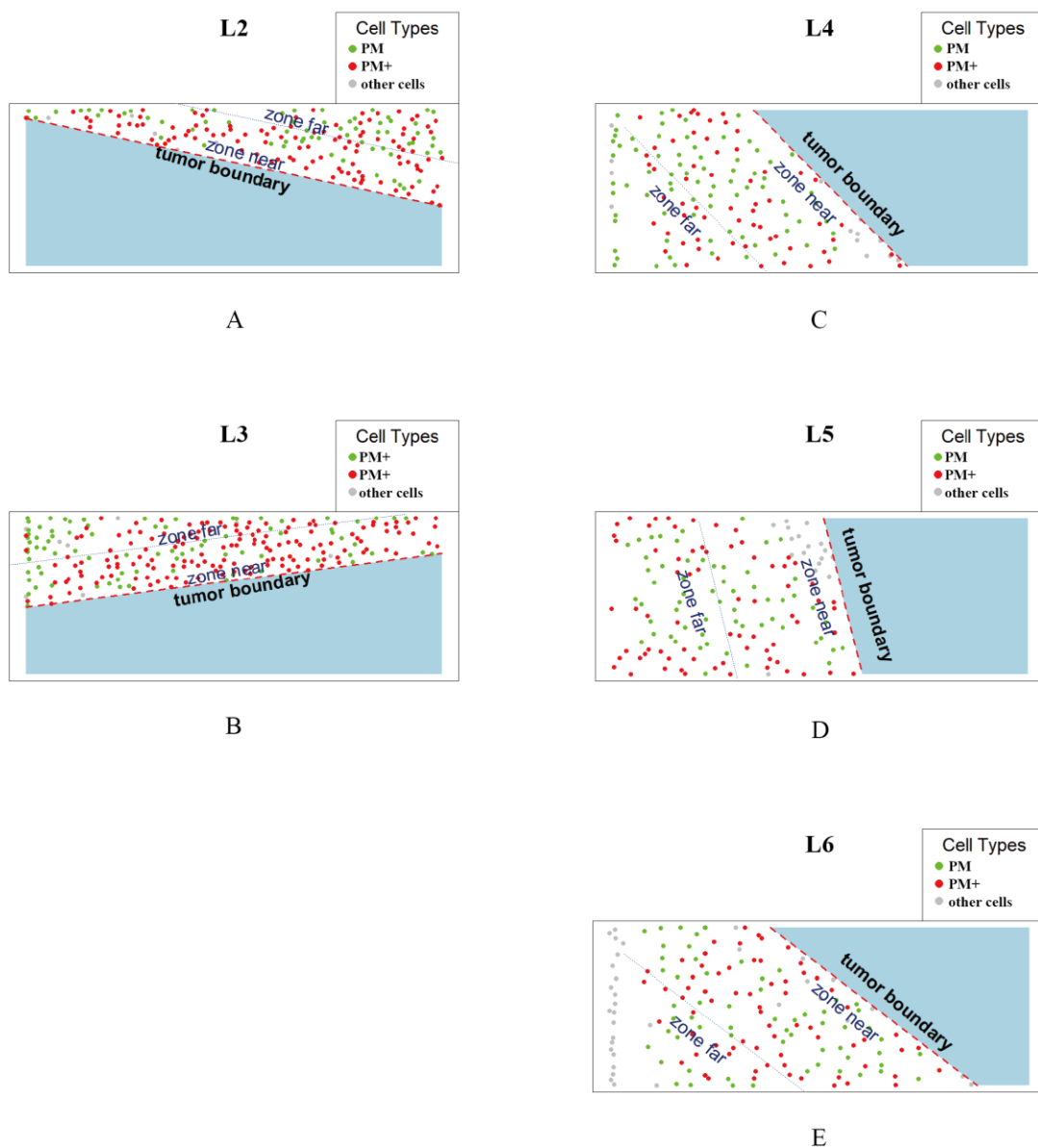




A. Schematic diagram of the gradient distribution of cell subpopulations in scanning area L2 of the tissue sample from the first liver cancer patient, with the tumor boundary as the dividing line: the light blue shaded area represents normal tissue, and the scattered point area represents tumor tissue, which is divided into two regions based on the distance from the tumor boundary; red dots indicate phosphate metabolism-active (PM++) cells, and green dots indicate phosphate metabolism-inactive (PM+) cells; B. Schematic diagram of the gradient distribution of cell subpopulations in scanning area L3 of the tissue sample from the first liver cancer patient; C. Schematic diagram of the gradient distribution of cell subpopulations in scanning area L4 of the tissue sample from the second liver cancer patient; D. Schematic diagram of the gradient distribution of cell subpopulations in scanning area L5 of the tissue sample from the second liver cancer patient; E. Schematic diagram of the gradient distribution of cell subpopulations in scanning area L6 of the tissue sample from the second liver cancer patient

附图 1 肿瘤细胞亚群的空间富集特征

Supplementary fig 1 Spatial enrichment characteristics of tumor cell subpopulations