

APPENDIX A. SUPPLEMENTARY INFORMATION ON SPATIAL PATTERN ANALYSIS

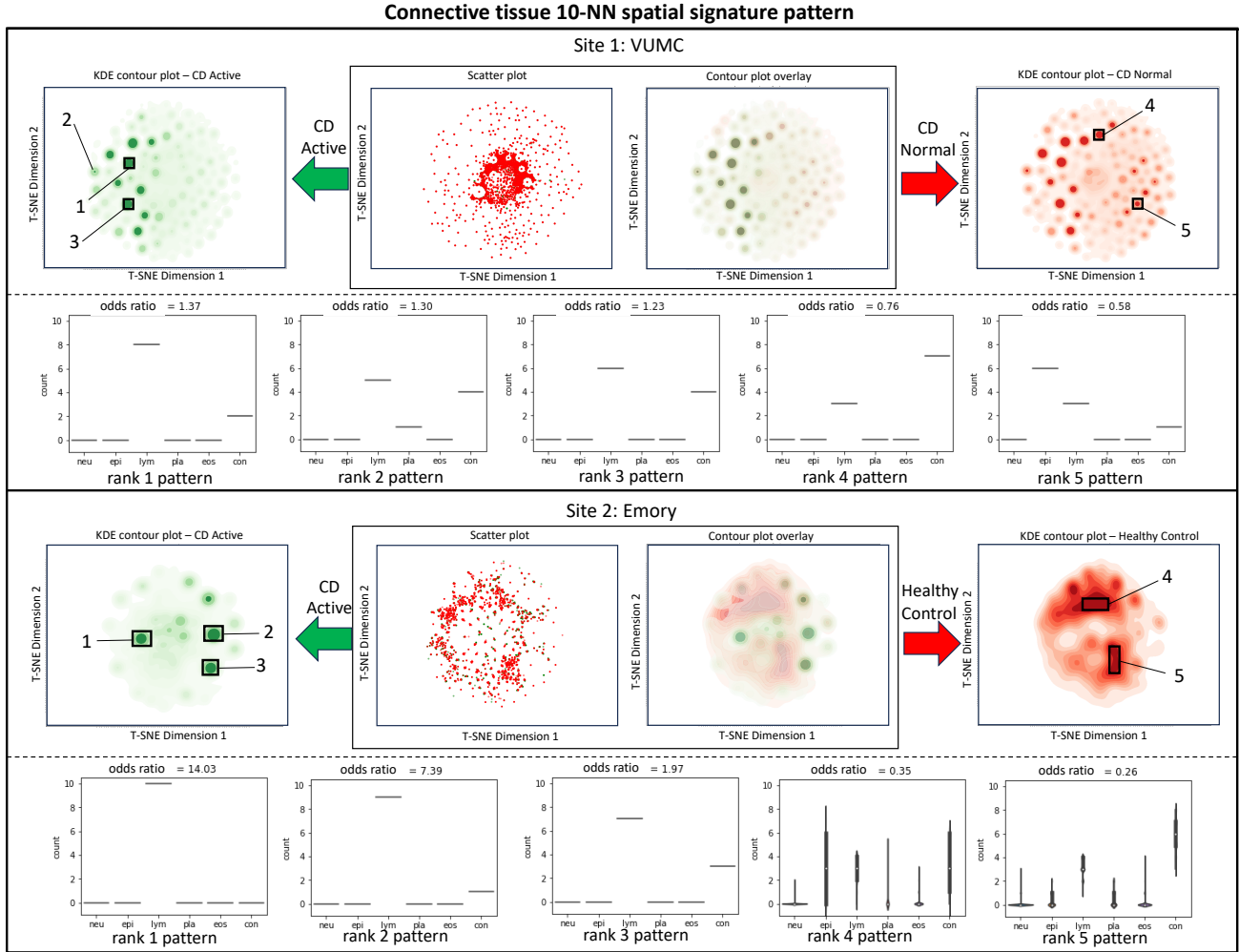


Figure 6: Visualization and quantification of connective tissue surrounding a 10-NN shape pattern recognition.

Plasma cell 10-NN spatial signature pattern

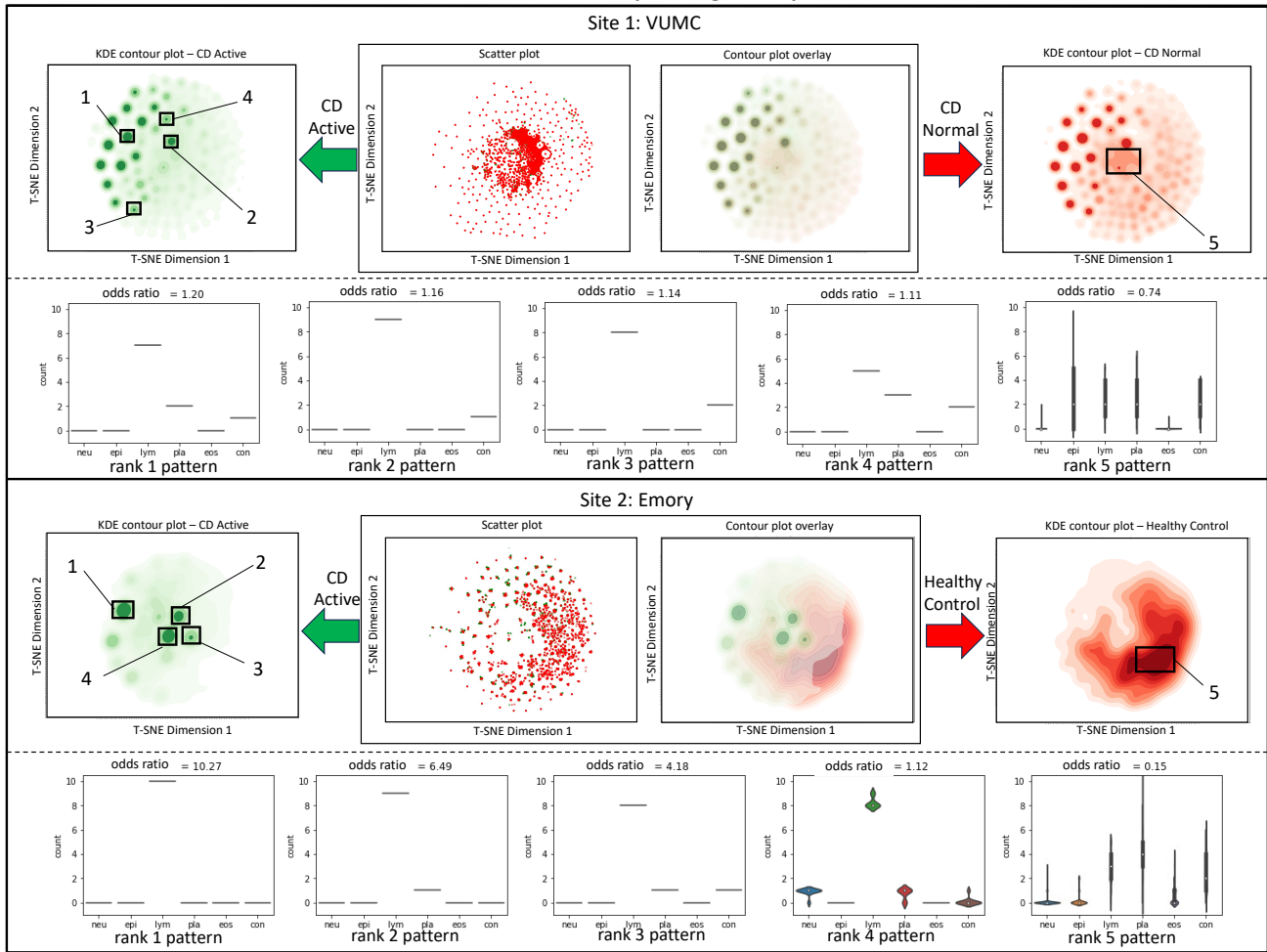


Figure 7: Visualization and quantification of plasma cells surrounding a 10-NN shape pattern recognition.

Lymphocytes 10-NN spatial signature pattern

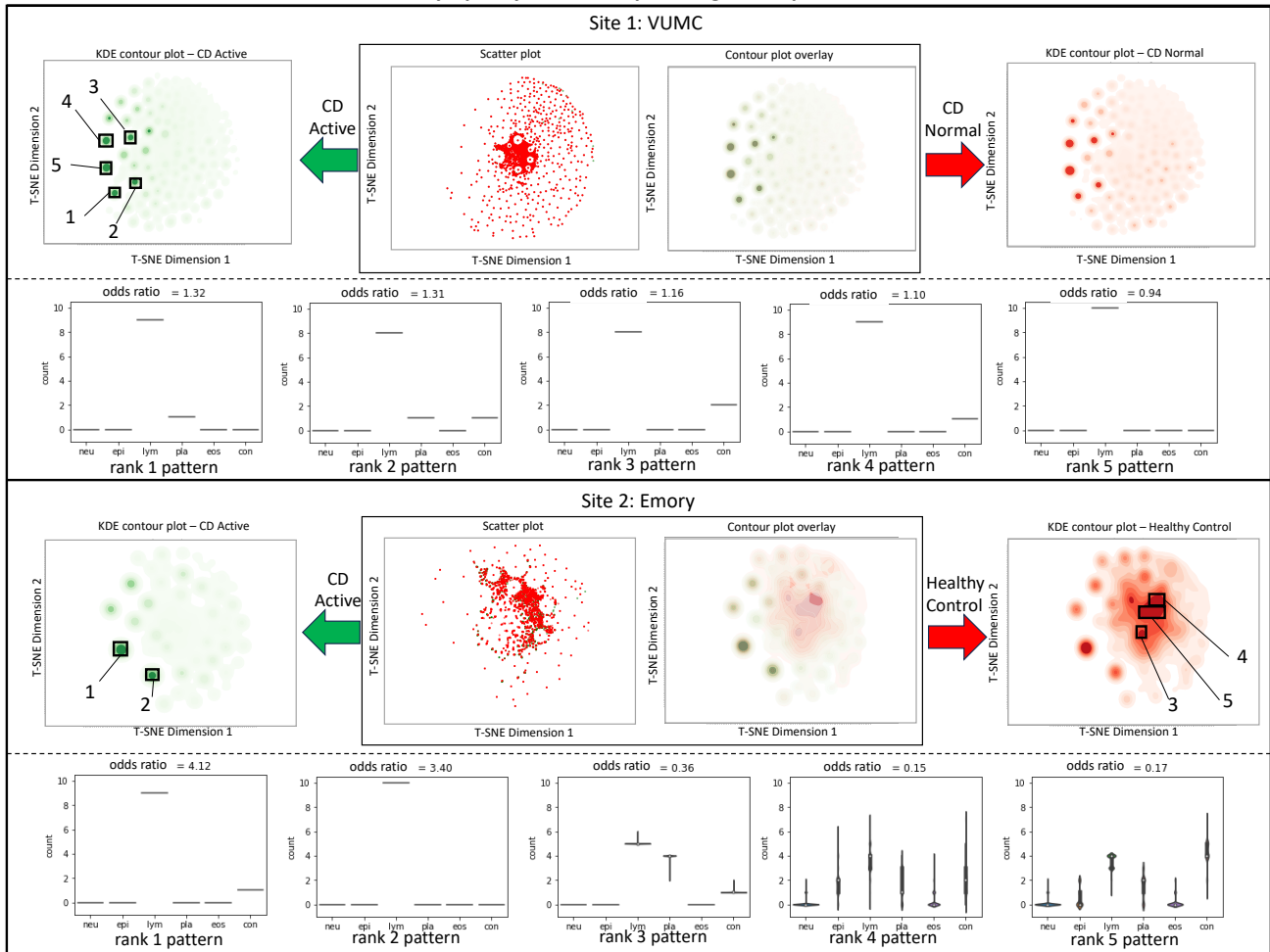


Figure 8: Visualization and quantification of lymphocytes surrounding a 10-NN shape pattern recognition.

Epithelial cell 10-NN spatial signature pattern

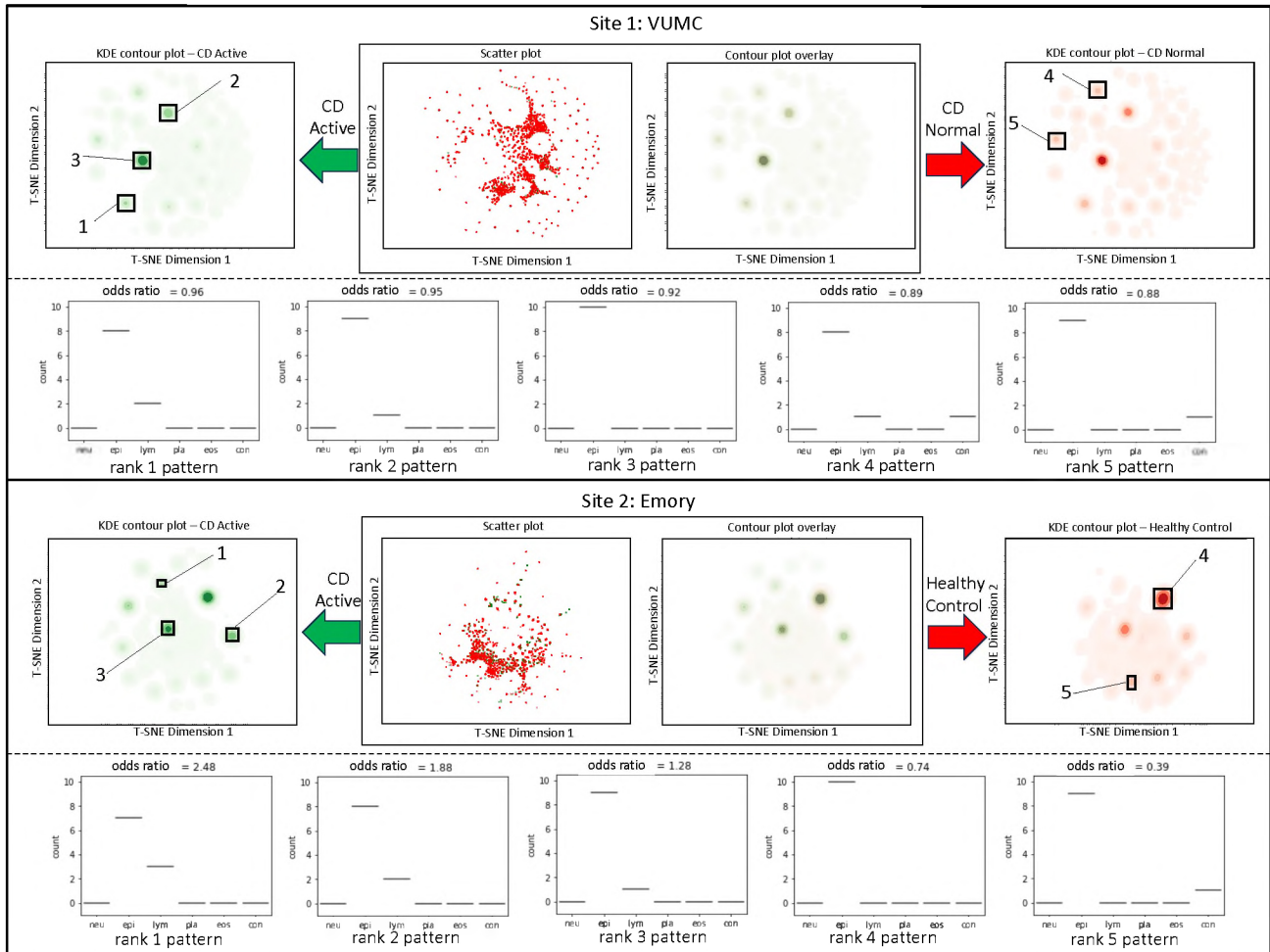


Figure 9: Visualization and quantification of epithelial cells surrounding a 10-NN shape pattern recognition.