Contents

Roles of Lineage-Determining Transcription Factors in Establishing Open Chromatin: Lessons From High-Throughput Studies	1
3 Lymphocyte Lineage Specification, Commitment and Epigenetic Control of Transcription by Early B Cell Factor 1	17
Epigenetic Features that Regulate IgH Locus Recombination and Expression	39
Local and Global Epigenetic Regulation of V(D)J Recombination Louise S. Matheson and Anne E. Corcoran	65
Genetic and Epigenetic Regulation of Tcrb Gene Assembly Michael L. Sikes and Eugene M. Oltz	91
F-Cell Identity and Epigenetic Memory	117
Encoding Stability Versus Flexibility: Lessons Learned From Examining Epigenetics in T Helper Cell Differentiation	145



viii	•	Contents

The Epigenetic Landscape of Lineage Choice: Lessons From the Heritability of <i>Cd4</i> and <i>Cd8</i> Expression	165
Manolis Gialitakis, MacLean Sellars and Dan R. Littman	
Index	189