

TABLE 16.1. Spatial variation in HIV

Patient	Nucleotide Diversity, p	F_{ST}
B	0.041	0.594
L	0.040	0.369
M	0.045	n.s.
N	0.013	0.078
P	0.039	0.215
S	0.029	0.090

Adapted from Frost S.D.W. et al. 2001. *Proc. Natl. Acad. Sci.* **98**: 6975–6980 (© National Academy of Sciences, U.S.A.).

Tissue samples were taken from the spleens of six patients. Several islands of lymphoid tissue were microdissected from each, and samples of the HIV *env* gene were sequenced. The second column shows the average pairwise nucleotide diversity, p , within each island, and the third column shows the fraction of genetic variation between islands, F_{ST} . In patient M, there was no significant (n.s.) difference between islands, but in others, there was extensive divergence.