Casein Haplotype Structure in Five Italian Goat Breeds. By Sacchi et al., page 1561.
Polymorphisms in goat casein genes directly affect milk quality, composition, and technological properties. Because the casein loci are tightly linked, the entire casein haplotype must be considered to improve goat breeds and preserve biodiversity. We analyzed the genetic structure of the casein cluster in 5 Italian goat breeds. The allele and haplotype distribution clearly separate the Northern and Southern populations confirming the discriminating power of casein polymorphism.