Figure 2 Map of phenotype and genotype proportions for each population group considered in this study. (a) Pie charts representing the proportion of each phenotype by geographic region. LP indicates lactase persistence, LIP indicates lactase intermediate persistence and LNP indicates lactase non-persistence. Phenotypes were binned using an LTT test according to the rise in blood glucose after digestion of 50 g lactose: lactase persistence, > 1.7 mM; LIP, between 1.1 mM and 1.7 mM; LNP, < 1.1 mM. (b) Proportion of compound genotypes for G/C-13907, T/G-13915 and C/G-14010 in each region. The pie charts are in the approximate geographic location of the sampled individuals.