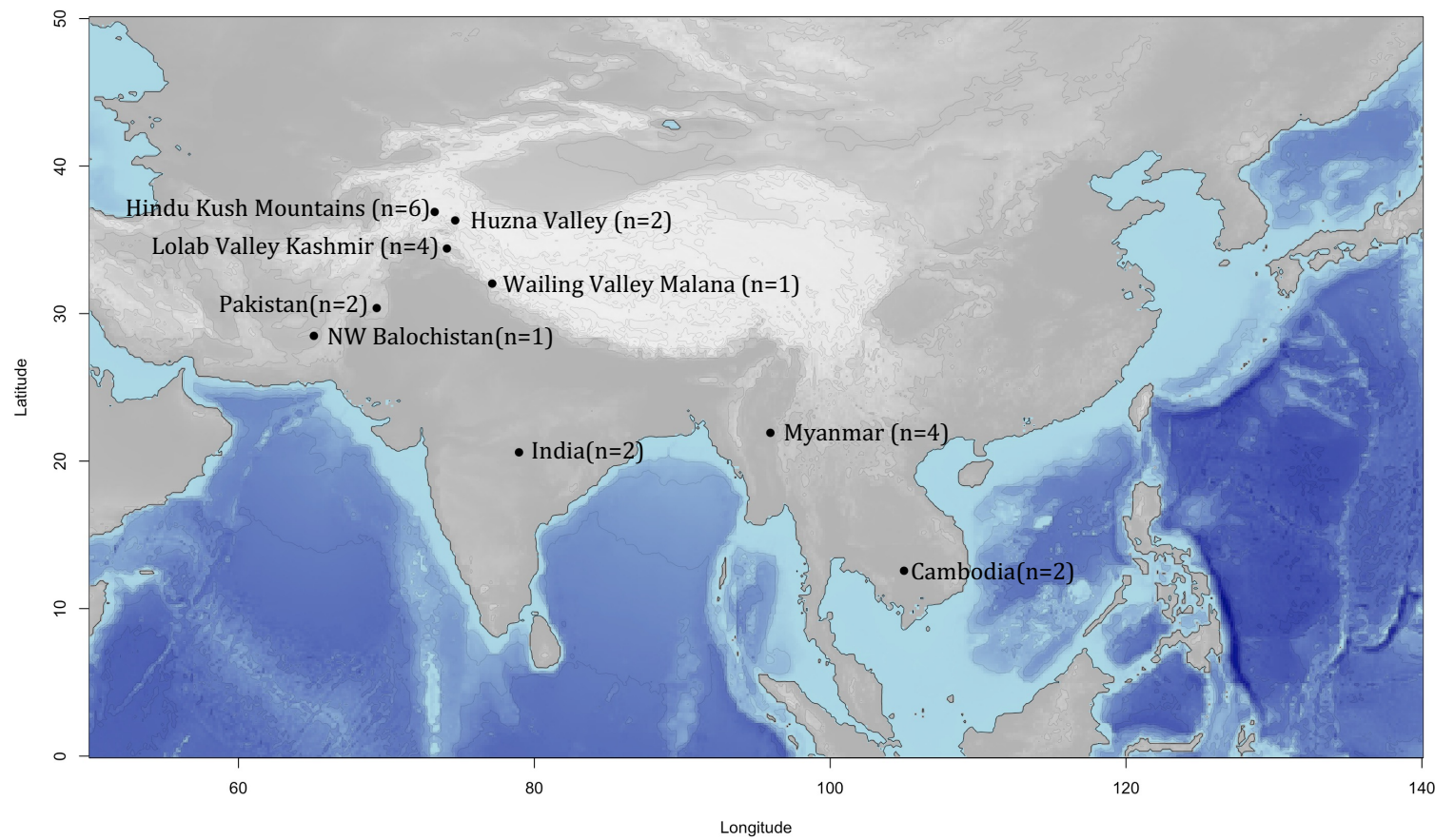
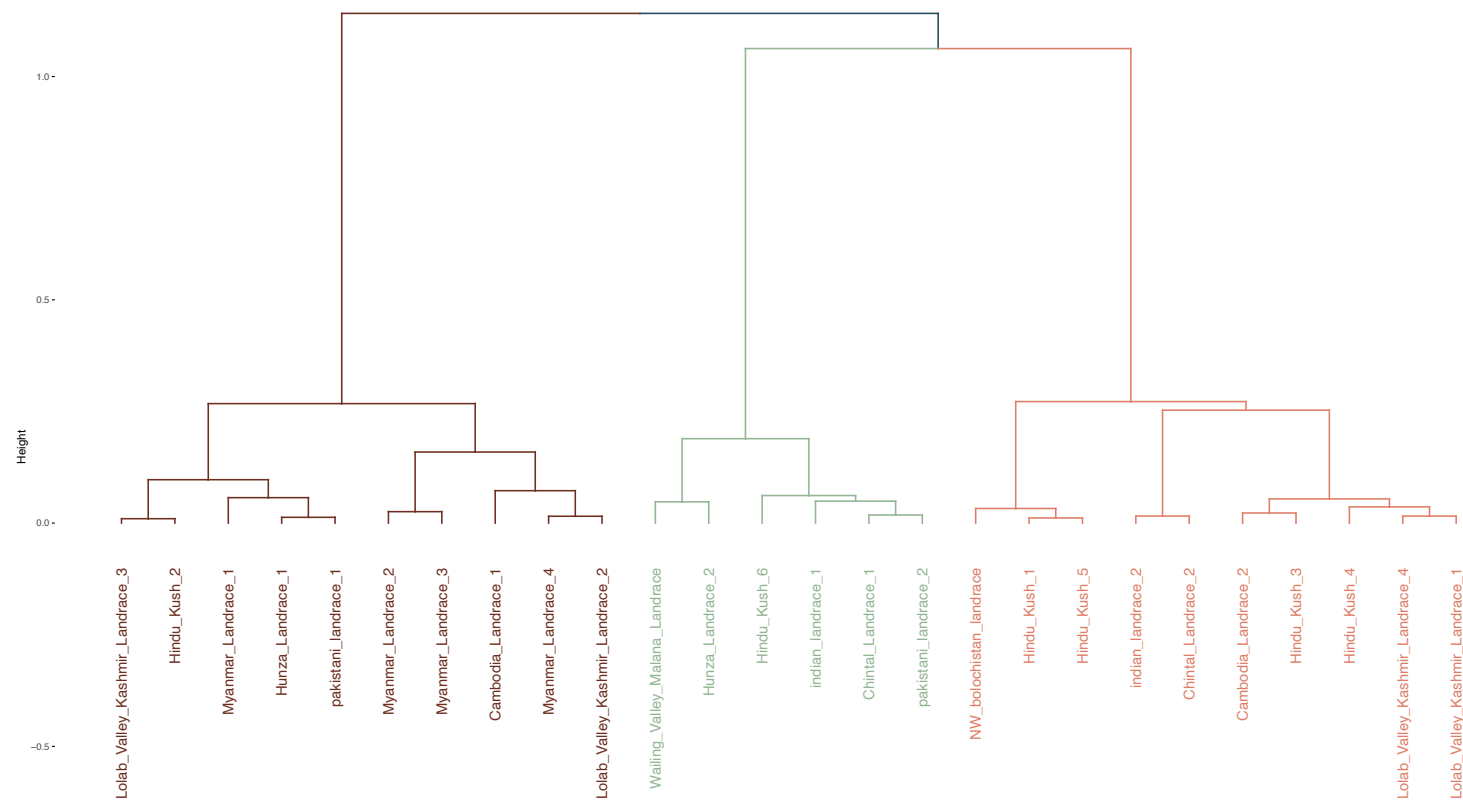


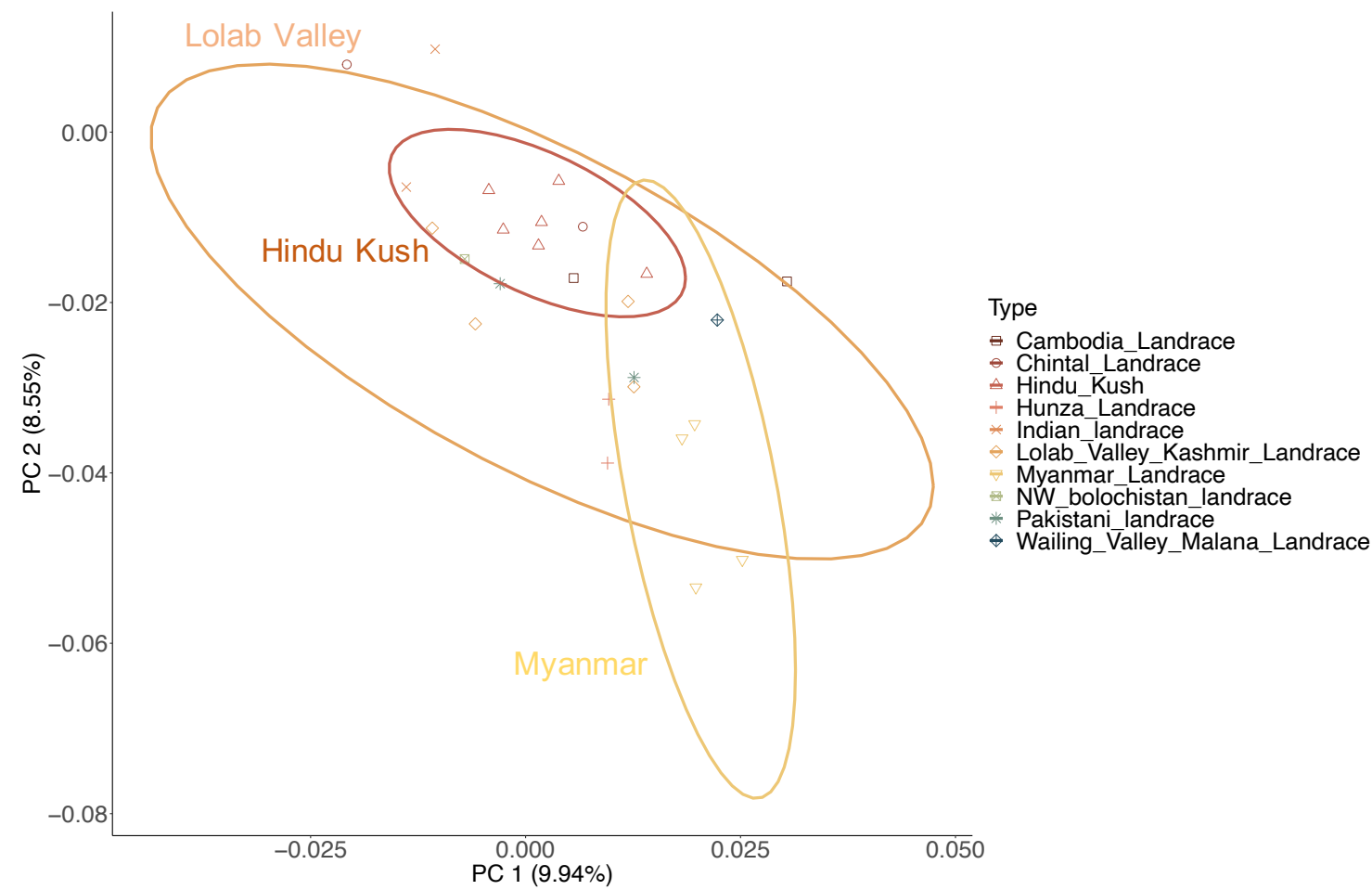
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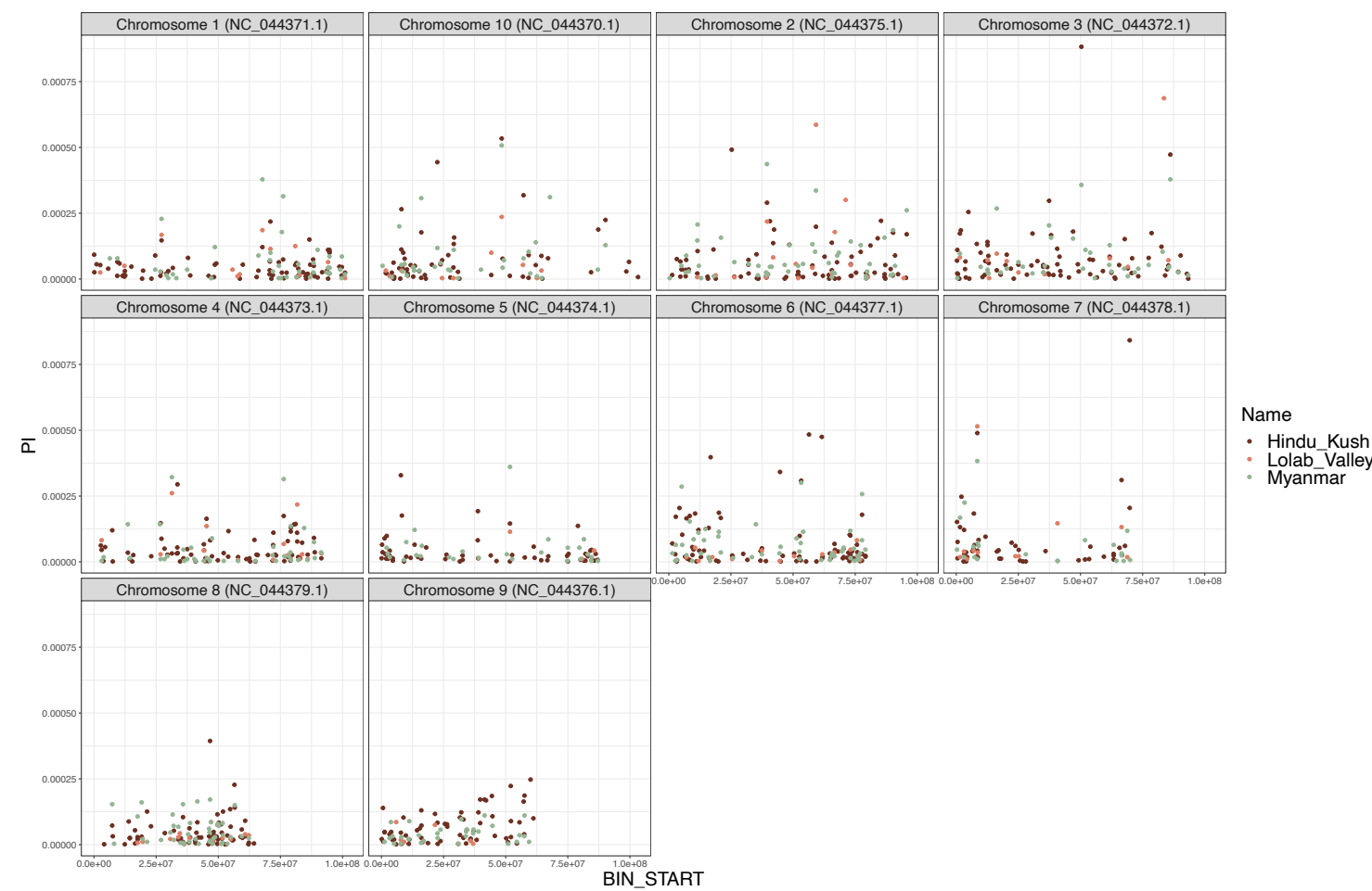
B



C



D



E

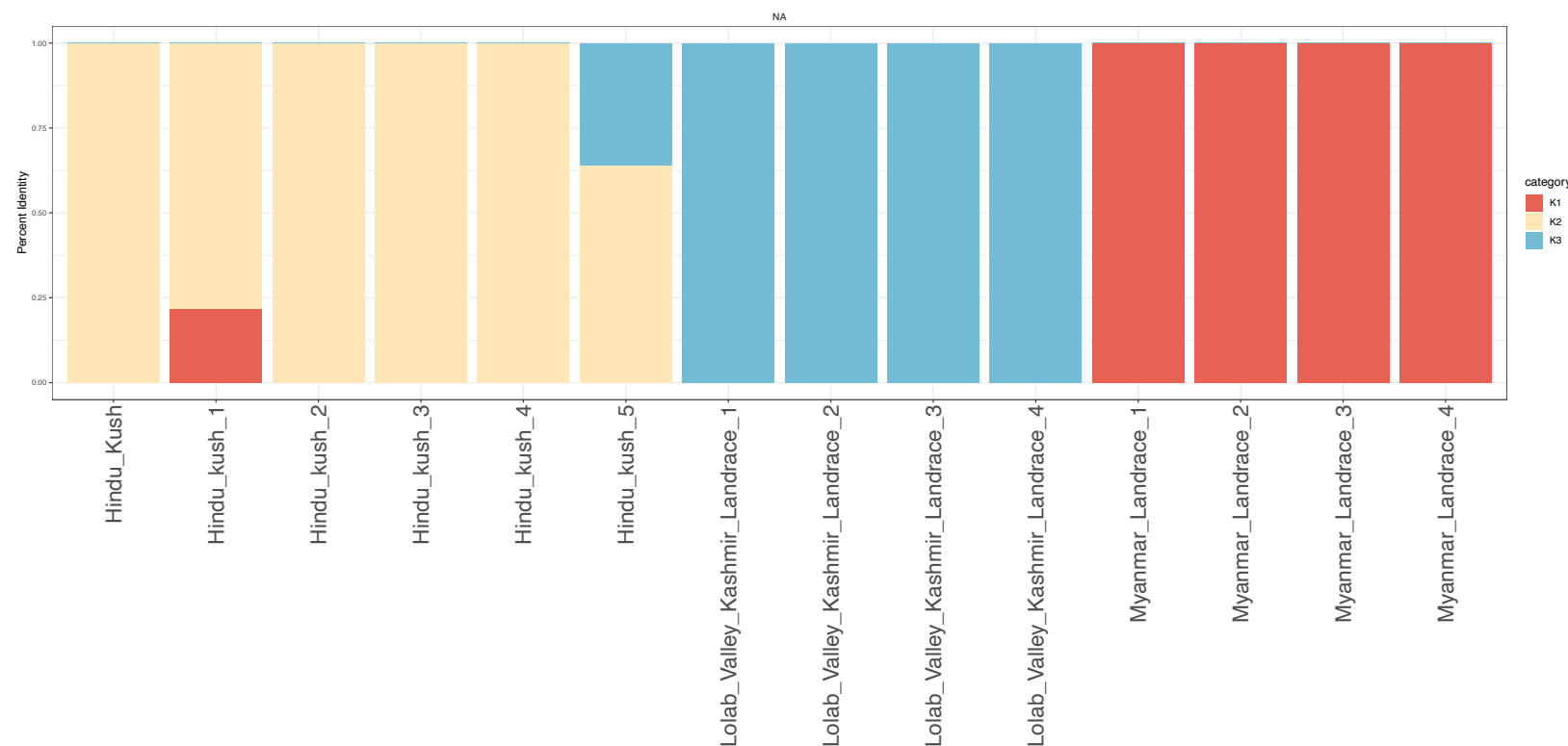


Figure 5 Landrace accessions from the LeafWorks Inc. dataset show separation between Indian and Myanmar populations **(A)** Map detailing the locations of landrace accessions, highlighted are the Hindu Kush Mountains, Lolab Valley and Myanmar **(B)** Hierarchical cluster dendrogram based on 304 SNPs (LD 0.2) across 26 samples of known and trusted origin **(C)** PCA based on 304 SNPs with geographical locations of samples as indicated **(D)** Nucleotide diversity comparison between Hindu Kush Mountains (n=6, 4,304 SNPs), Lolab Valley (n=4, 853 SNPs) and Myanmar (n=4, 2,204 SNPs) as examined by a 10kb sliding window **(E)** Visualization of population structure and admixture using the fastSTRUCTURE software (k=3) with the optimal number of K being 3 using the silhouette method.