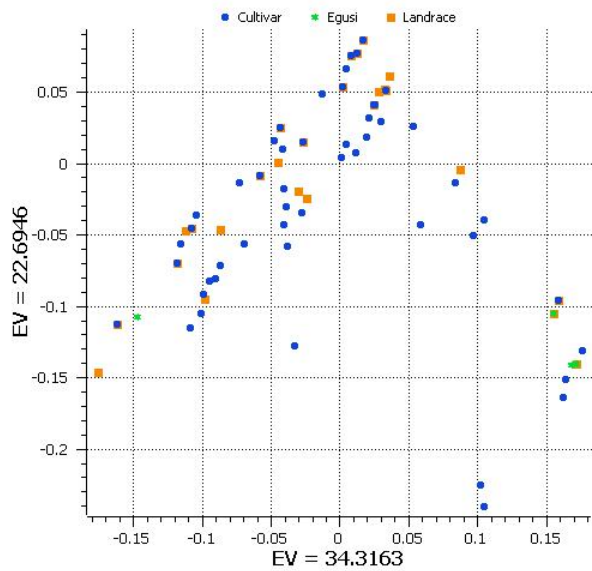
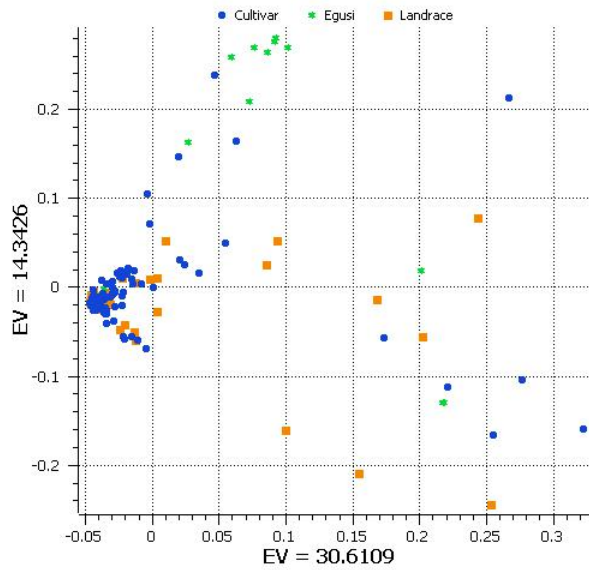


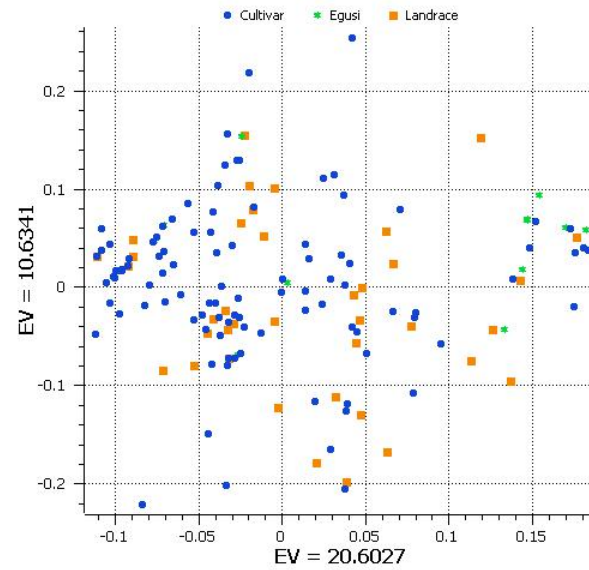
Histidine



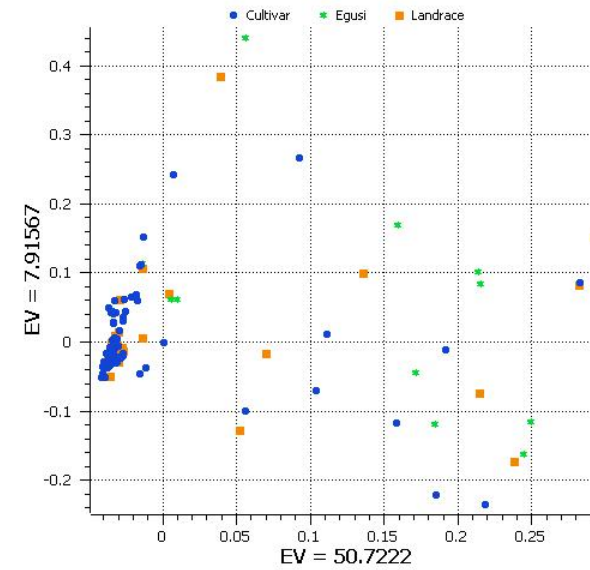
Arginine



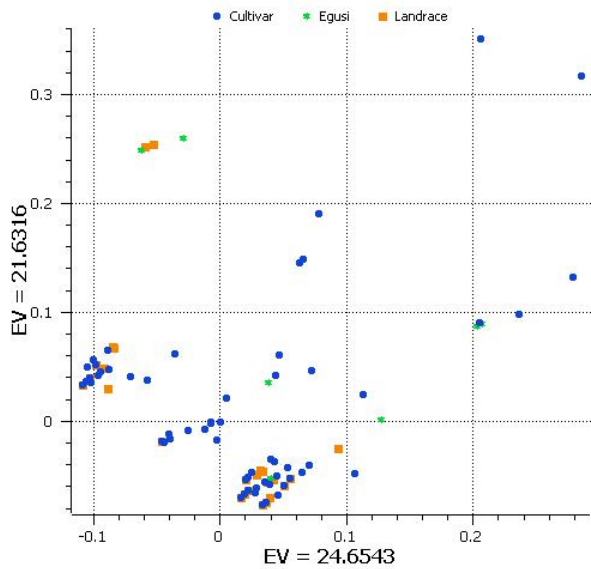
Asparagine



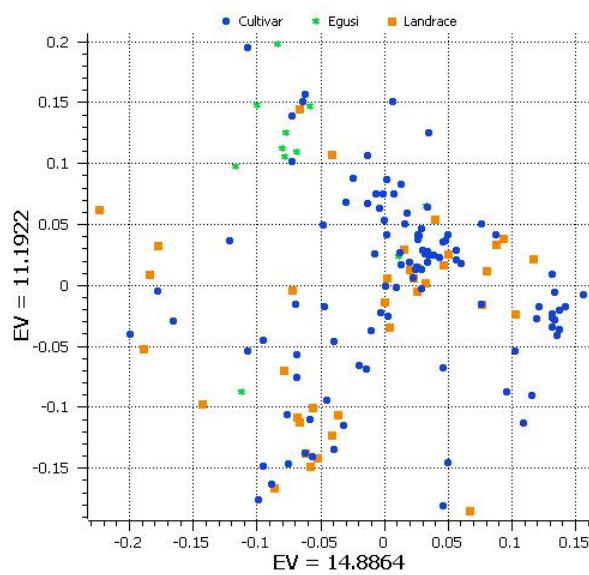
Glutamine



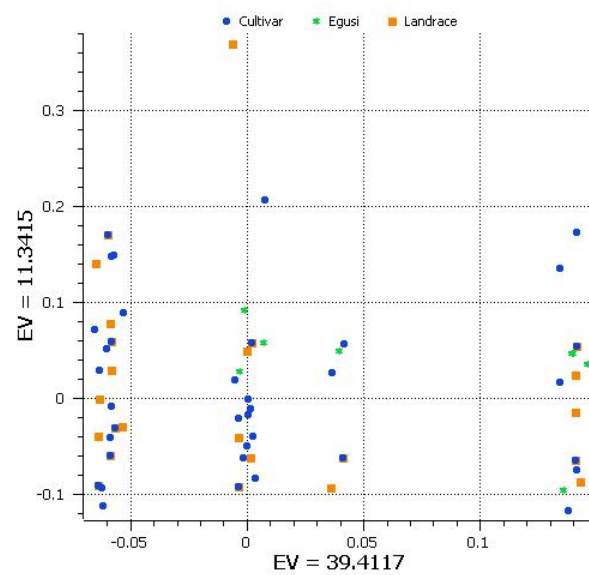
Serine



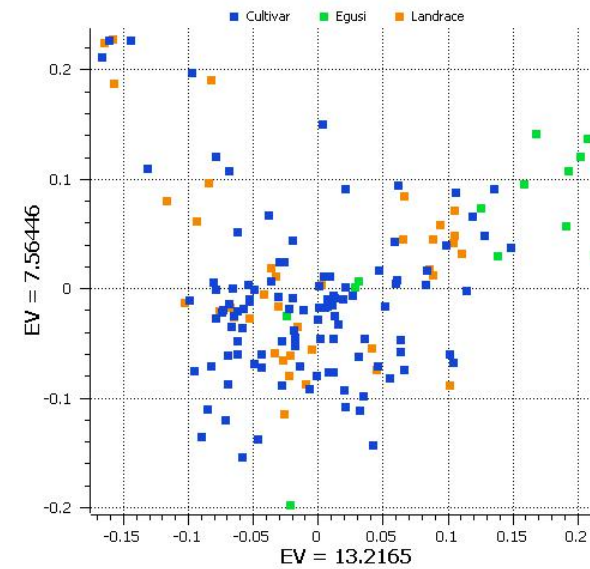
Glutamic Acid



Aspartic Acid

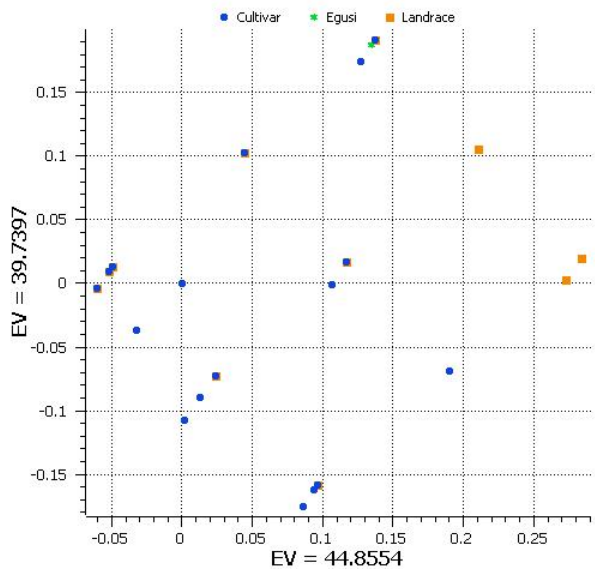


Citrulline

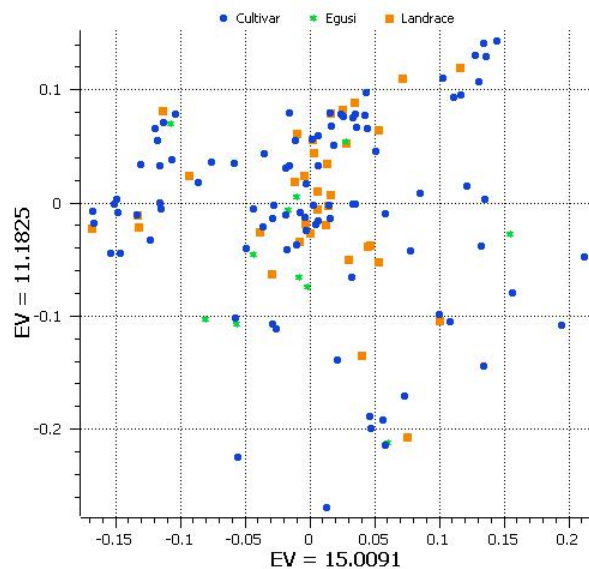


Supplemental Figure S9. Principal component analysis (PCA) for amino acids showing the components of population genetic variation

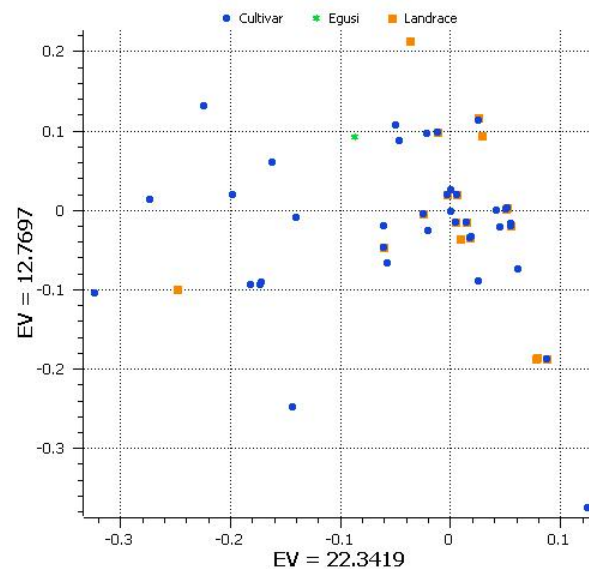
Threonine



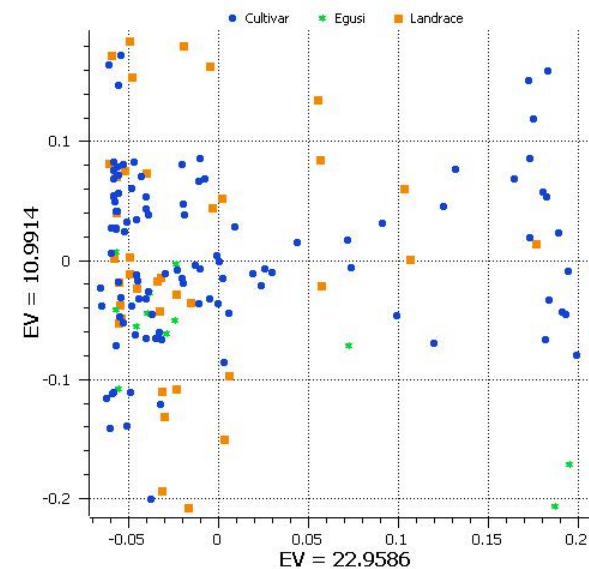
Glycine



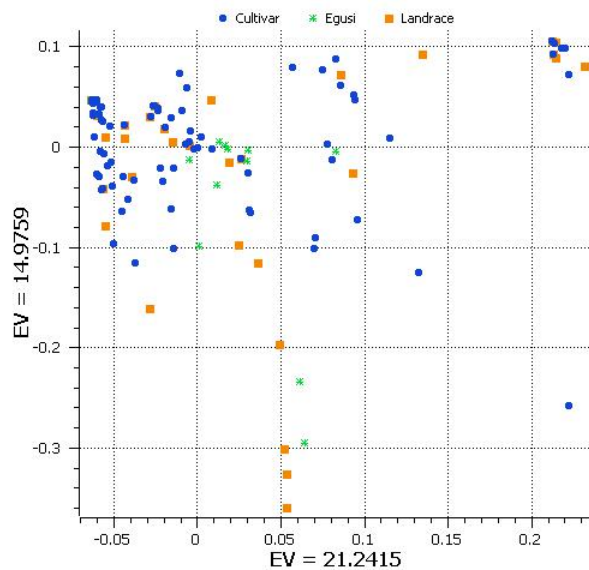
Alanine



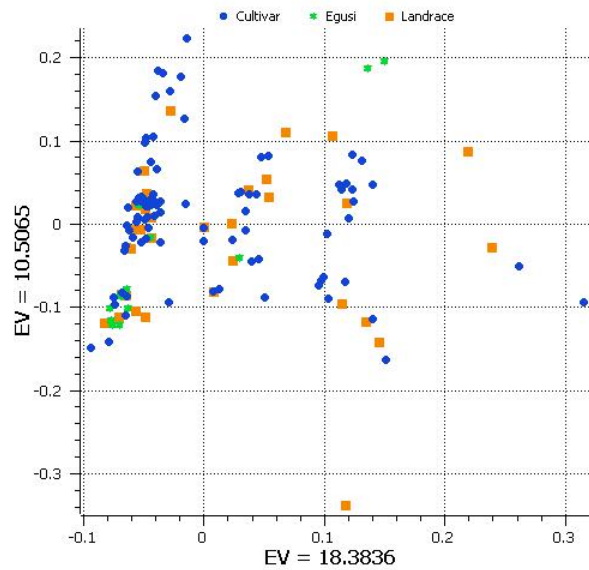
GABA



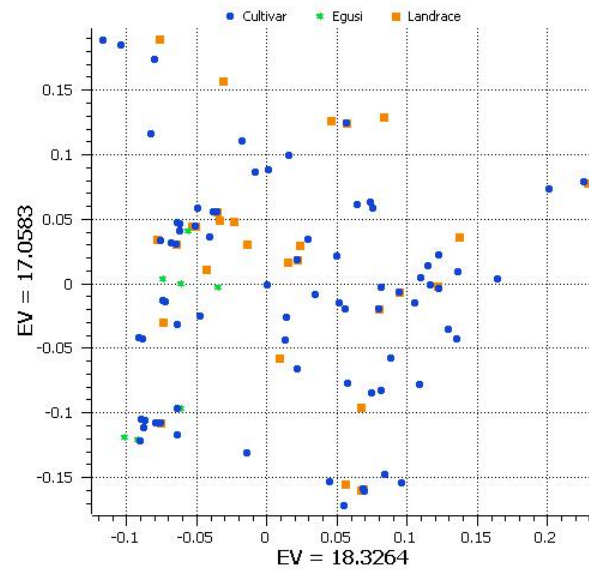
Proline



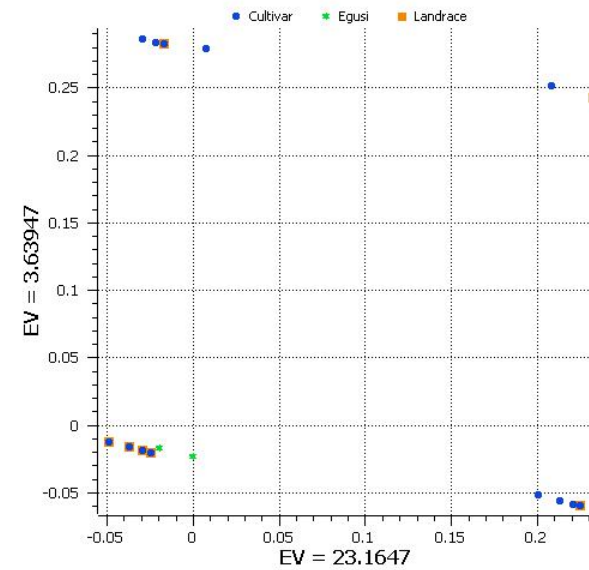
L-Ornithine



Cystine

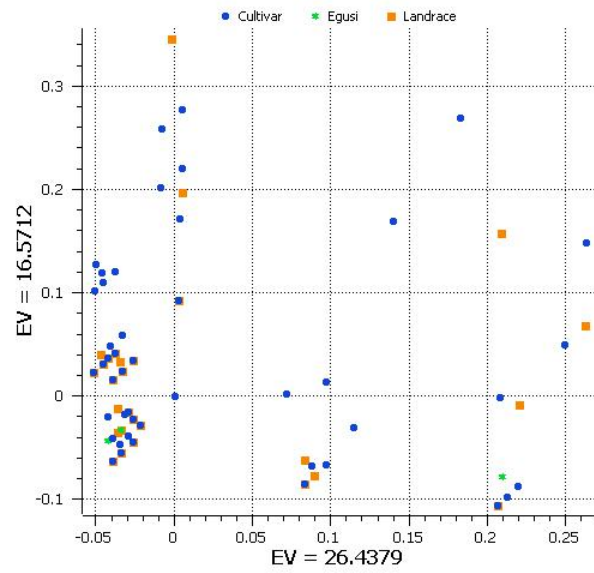


Lysine

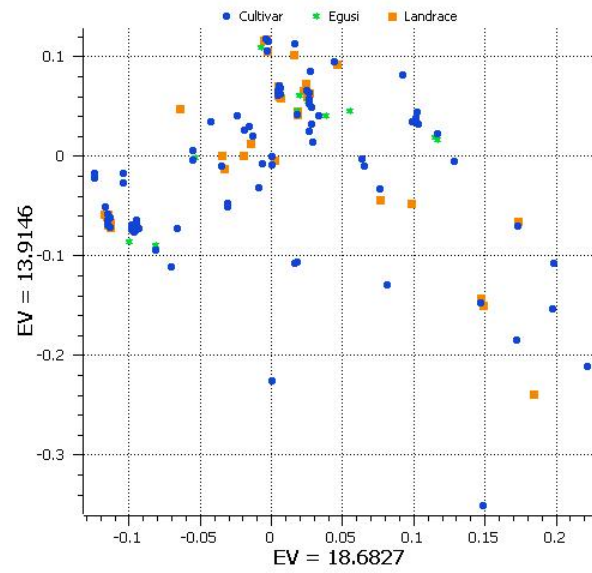


Supplemental Figure S9. Principal component analysis (PCA) for amino acids showing the components of population genetic variation

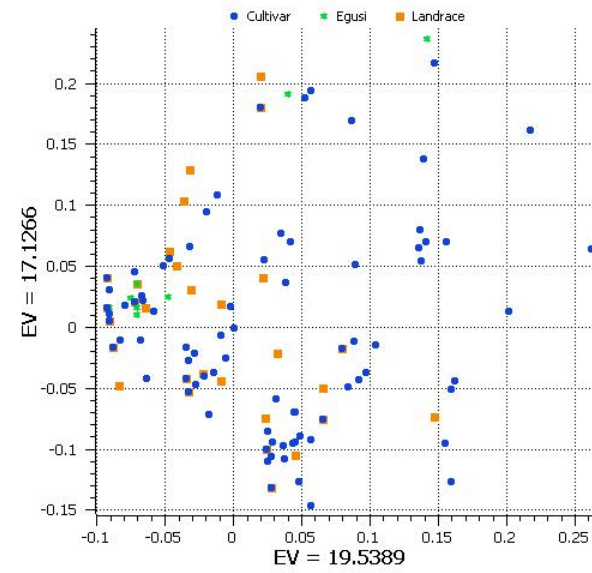
Tyrosine



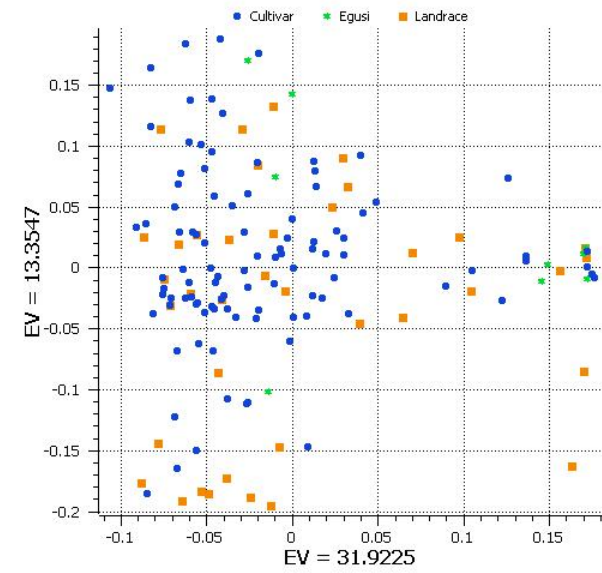
Methionine



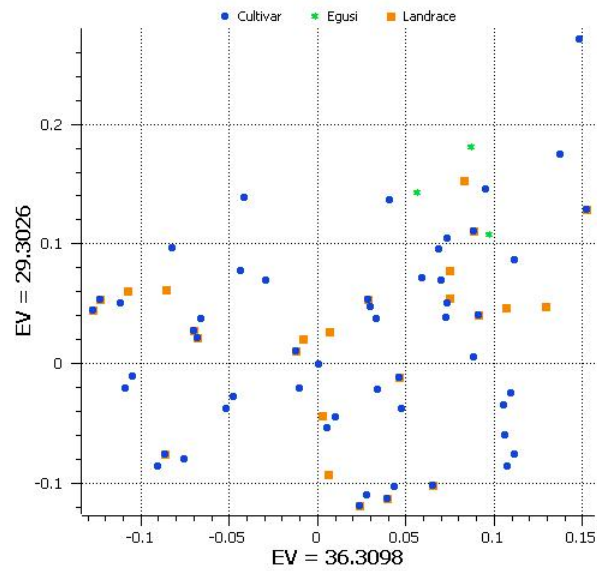
Valine



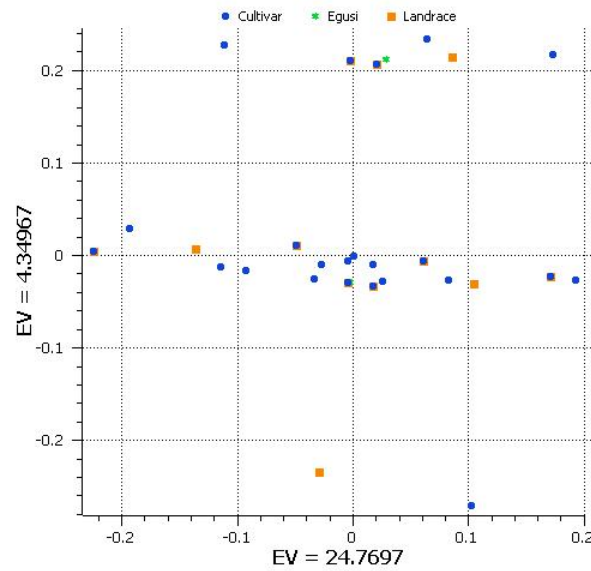
Isoleucine



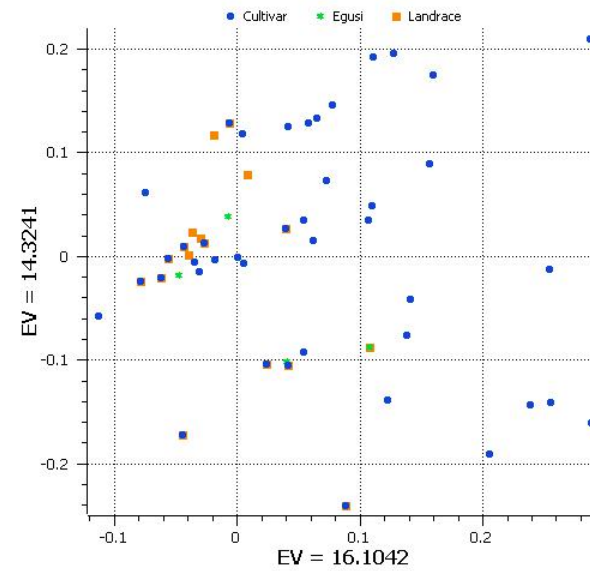
Leucine



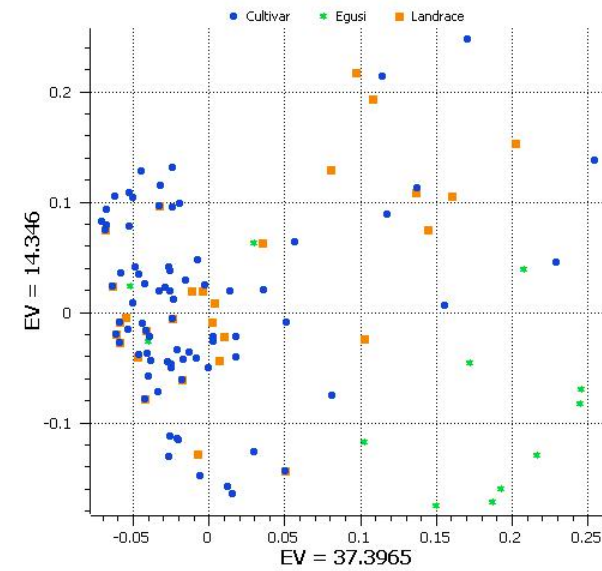
Phenylalanine



Ethanolamine

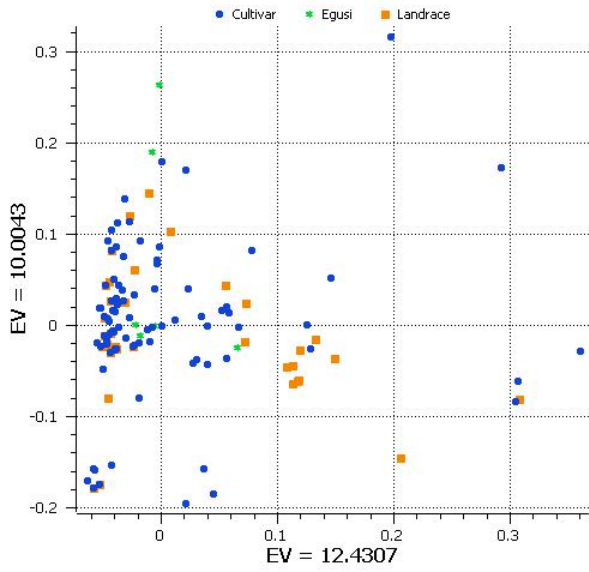


Hydroxylysine

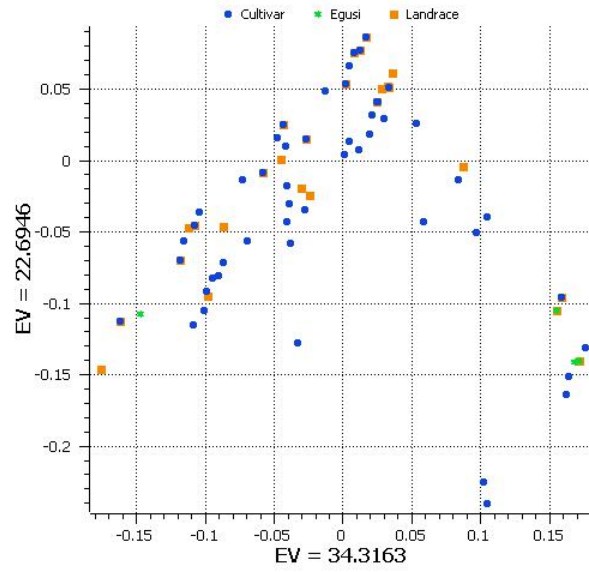


Supplemental Figure S9. Principal component analysis (PCA) for amino acids showing the components of population genetic variation

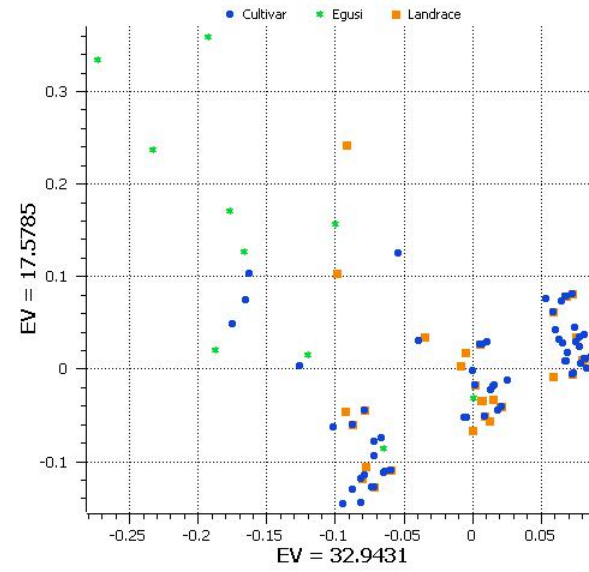
Alpha Aminoacidic Acid



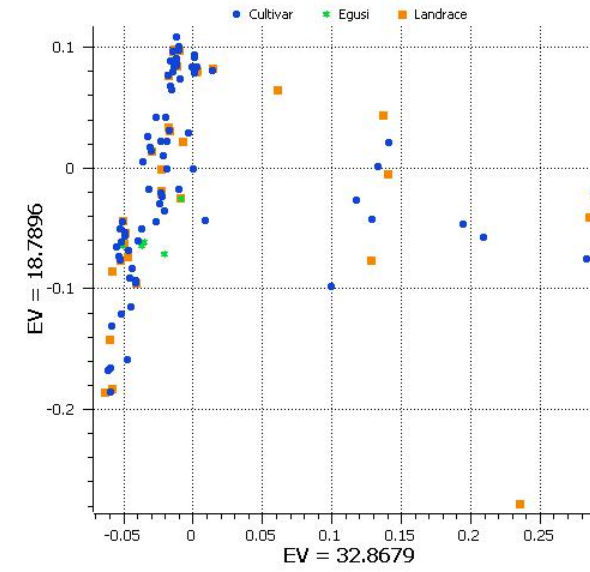
Kynurenine



Tryptophan



Argininosuccinic Acid



Supplemental Figure S9. Principal component analysis (PCA) for amino acids showing the components of population genetic variation