

Heatmap visualization of genetic differentiation ( $F_{ST}$ ) between populations in the 1000 Genomes Project. The color scale ranges from 0 (blue) to 1 (red). The populations are grouped into five clusters: African (Afr), European (Eur), East Asian (EAS), South Asian (SAS), and Admixed American (AMR). The heatmap shows high differentiation (red) between African and European populations, and lower differentiation (blue) within each cluster.

Flurenol butyl ester

8,11-eicosadiynoic acid

1-AMINOCYCLOBUTANE CARBOXYLIC ACID

Acipimox

1H-Indole-3-propanoic acid

Citrulline

## Pheniramine

3-ketosphinganine

Palmitoyl ethanolamide

7-Keto-8-aminopelargonic acid

N.epsilon.-Acetyl-L-lysine

Gly Leu

Leu-Gly

