

PCA plot showing genetic differentiation among 1000 Genomes Project populations. The x-axis represents PC1 (33.5%) and the y-axis represents PC2 (24.2%). Populations are color-coded by continental ancestry: European (blue), African (red), East Asian (green), South Asian (yellow), and Admixed American (purple). Gene expression patterns are indicated by colored dots and lines: red for upregulated in Europeans, blue for upregulated in Africans, green for upregulated in East Asians, yellow for upregulated in South Asians, and purple for upregulated in Admixed Americans. The plot shows clear clustering of populations by ancestry, with gene expression patterns often corresponding to these clusters. For example, genes upregulated in Europeans (red) are often found in the European cluster, while genes upregulated in Africans (blue) are found in the African cluster. The plot also shows some overlap between populations, particularly between South Asians and Admixed Americans, and between East Asians and Europeans.

● NC_072423.2	● NC_072437.2
● NC_072424.2	● NC_072438.2
● NC_072425.2	● NC_072439.2
● NC_072426.2	● NC_072441.2
● NC_072427.2	● NC_072442.2
● NC_072429.2	● NC_072443.2
● NC_072430.2	● NC_072444.2
● NC_072431.2	● NC_072445.2
● NC_072433.2	● NC_072446.2
● NC_072434.2	● NC_072447.2
● NC_072436.2	● NC_072448.2