**Figure S1. Visualization of SNP profile-based principal component analysis**

**Graphical user interface, application, Teams

Description automatically generated**

**Legend.**

SNP-based visualization of principal components for cGVHD- group (N=66, blue) compared to the cGVHD+ group (N=16; red) from eigenvalues generated using PLINK2v3.7 shows no significant differences in the variation of SNP features in each group. Visualization of the first four principal components (out of a total of 10) was created using Pythonv3.9.13, plotlyv5.11.0 and sklearnv1.1.1 opensource python packages.