

PCA plot showing the first two principal components (PC1 and PC2) of the data. The x-axis is PC1 (12.2%) and the y-axis is PC2 (10.7%). The plot displays various samples (dots) and environmental variables (vectors). The samples are color-coded by group: red (1::NC_071997.2:124426569-124437249(+)), green (1::NC_072008.2:162571335-162581727(+)), purple (3::NW_026946741.1:52709-63428(+)), orange (2::NC_071994.2:1161730-1175959(+)), yellow (2::NC_072005.2:43253116-43276084(+)), blue (2::NC_071996.2:144422803-144433750(+)), and grey (1::NC_072000.2:3555-13788(+)). The vectors represent environmental variables: TCG, CGG, GGG, and TGC. The plot shows a clear separation of samples along PC1, with environmental variables clustered in the center.

- NC_071985.2
- NC_071990.2
- NC_071991.2
- NC_071994.2
- NC_071996.2
- NC_071997.2
- NC_072000.2
- NC_072001.2
- NC_072003.2
- NC_072005.2
- NC_072008.2
- NC_072009.2
- NW_026946741.1