

PCA plot showing PC1 (5.3%) on the x-axis and PC2 (8.3%) on the y-axis. The plot displays various SNPs as colored dots with lines connecting them, and labels for specific SNPs. The x-axis ranges from -5.0 to 5.0, and the y-axis ranges from -5.0 to 5.0. The plot is divided into four quadrants by a vertical line at PC1 = 0 and a horizontal line at PC2 = 0. The top-left quadrant (PC1 < 0, PC2 > 0) contains several SNPs, including 2::NC_072411.2:14510581-14518471(+). The top-right quadrant (PC1 > 0, PC2 > 0) contains SNPs like 1::NC_072421.2:1356963-1367256(+). The bottom-left quadrant (PC1 < 0, PC2 < 0) contains SNPs like 1::NC_072410.2:122843980-122855633(-). The bottom-right quadrant (PC1 > 0, PC2 < 0) contains SNPs like 3::NC_072421.2:1353281-1365893(+). The plot also shows a cluster of SNPs near the origin (0,0) and a cluster of SNPs near the top-right corner (4,4).

● NC_072398.2
 ● NC_072401.2
 ● NC_072402.2
 ● NC_072404.2
 ● NC_072405.2
 ● NC_072407.2
 ● NC_072408.2
 ● NC_072409.2
 ● NC_072410.2
 ● NC_072411.2
 ● NC_072412.2
 ● NC_072413.2
 ● NC_072416.2
 ● NC_072417.2
 ● NC_072418.2
 ● NC_072419.2
 ● NC_072420.2
 ● NC_072421.2
 ● NC_072422.2