

PCA plot showing PC4 (6.1%) on the x-axis and PC1 (12.5%) on the y-axis. The plot displays a dense cluster of points, with several points highlighted by colored labels and arrows pointing to specific genes. The labels include:

- Blue labels: -2::NC_072448.2:7243611-7270485, 2::NC_072448.2:7243639-7270552, 3::NC_072448.2:7243625-7270745, -3::NC_072448.2:7243394-7270601, 1::NC_072448.2:7243476-7270779, -1::NC_072448.2:7243525-7270459.
- Yellow labels: 2::NC_072429.2:1769-11198, 2::NC_072429.2:1357-11206, 1::NC_072429.2:1356-11197.
- Green labels: 3::NC_072438.2:4901-13502, 2::NC_072438.2:4902-13503.
- Red labels: 2::NC_072430.2:153280257-153291897, 2::NC_072430.2:153280257-153291897, 2::NC_072430.2:811-10456.
- Purple labels: 2::NC_072433.2:1799-13662, 2::NC_072433.2:1799-13662.
- Grey labels: 3::NC_072431.2:73427017-73434565, 3::NC_072431.2:73473386-73492376, 3::NC_072441.2:441-11973, 3::NC_072441.2:80570022-80586390, 3::NC_072441.2:441-11973, 3::NC_072441.2:80570022-80586390, 3::NC_072441.2:441-11973, 3::NC_072441.2:80570022-80586390.

Arrows point to specific genes: GAA, CAT, GTC, ACA, and VATA. The plot shows a clear separation of points along the PC1 axis, with points on the left (negative PC1) and right (positive PC1) representing different gene expression profiles.

● 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