

Scatter plot showing the relationship between Coordinate 1 (X-axis) and Coordinate 2 (Y-axis) for various samples. The legend indicates four groups: Hem\_3 (red), Hem\_1 (blue), WT\_1 (green), and WT\_3 (orange). The plot displays numerous labeled points, including Hem\_3 samples like 7677\_dc, 7661\_dc, 7665\_dc, 7668\_dc, 7669\_dc, 7664\_dc, 7663\_dc, 7662\_dc, 7661\_dc, 7660\_dc, 7659\_dc, 7658\_dc, 7657\_dc, 7656\_dc, 7655\_dc, 7654\_dc, 7653\_dc, 7652\_dc, 7651\_dc, 7650\_dc, 7649\_dc, 7648\_dc, 7647\_dc, 7646\_dc, 7645\_dc, 7644\_dc, 7643\_dc, 7642\_dc, 7641\_dc, 7640\_dc, 7639\_dc, 7638\_dc, 7637\_dc, 7636\_dc, 7635\_dc, 7634\_dc, 7633\_dc, 7632\_dc, 7631\_dc, 7630\_dc, 7629\_dc, 7628\_dc, 7627\_dc, 7626\_dc, 7625\_dc, 7624\_dc, 7623\_dc, 7622\_dc, 7621\_dc, 7620\_dc, 7619\_dc, 7618\_dc, 7617\_dc, 7616\_dc, 7615\_dc, 7614\_dc, 7613\_dc, 7612\_dc, 7611\_dc, 7610\_dc, 7609\_dc, 7608\_dc, 7607\_dc, 7606\_dc, 7605\_dc, 7604\_dc, 7603\_dc, 7602\_dc, 7601\_dc, 7600\_dc, 7599\_dc, 7598\_dc, 7597\_dc, 7596\_dc, 7595\_dc, 7594\_dc, 7593\_dc, 7592\_dc, 7591\_dc, 7590\_dc, 7589\_dc, 7588\_dc, 7587\_dc, 7586\_dc, 7585\_dc, 7584\_dc, 7583\_dc, 7582\_dc, 7581\_dc, 7580\_dc, 7579\_dc, 7578\_dc, 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Scatter plot showing the relationship between Coordinate 1 (X-axis) and Coordinate 2 (Y-axis) for various samples. The legend indicates four groups: Hem\_3 (red), Hem\_1 (blue), WT\_1 (green), and WT\_3 (orange). The plot displays several labeled points, including Hem\_3 (e.g., 7661\_dc, 7676\_dc, 7620\_dc), Hem\_1 (e.g., 7646\_dc, 7673\_dc, 7681\_dc), WT\_1 (e.g., 7632\_dc, 7644\_dc, 7610\_dc), and WT\_3 (e.g., 7643\_dc, 7767\_dc, 7647\_dc). The points are distributed across the plot, with Hem\_3 and Hem\_1 generally clustered together, and WT\_1 and WT\_3 generally clustered together.

Scatter plot showing the relationship between Coordinate 1 (X-axis) and Coordinate 2 (Y-axis) for four groups: Hem\_3 (red), Hem\_1 (blue), WT\_1 (green), and WT\_3 (orange). The plot displays numerous data points, many of which are labeled with IDs (e.g., 7646\_dc, 7677\_dc, 7661\_dc, 7676\_dc, 7643\_dc, 7644\_dc, 7673\_dc, 7647\_dc, 7610\_dc, 7631\_dc, 7617\_dc, 7618\_dc, 7665\_dc, 7668\_dc, 7669\_dc, 7672\_dc, 7675\_dc, 7623\_dc, 7607\_dc, 7609\_dc, 7657\_dc, 7699\_dc, 7768\_dc). The Hem\_3 group is clustered in the upper right, Hem\_1 in the upper left, WT\_1 in the middle left, and WT\_3 in the middle right.