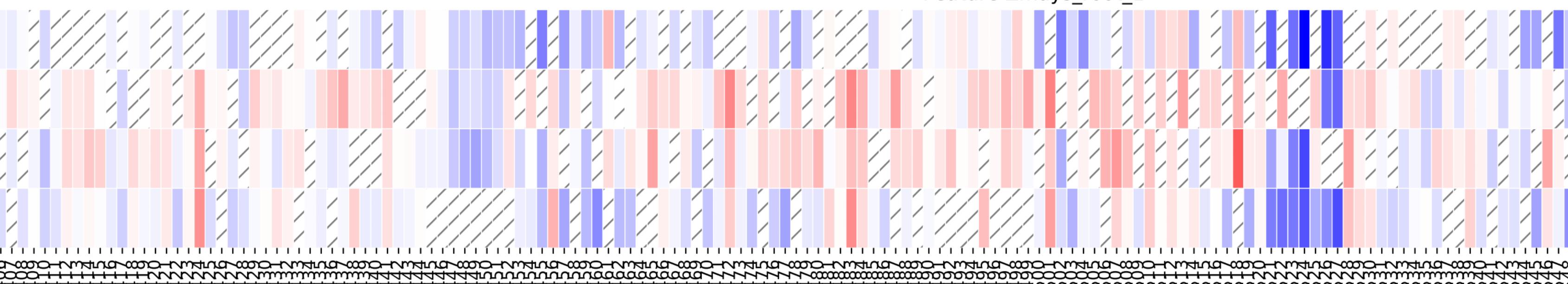Feature Zmays_root_1