## Pearson correlation between samples TianYu O 3 - 0.786 0.793 0.793 0.905 0.897 0.886 0.761 0.822 0.817 0.979 0.975 TianYu\_O\_2 - 0.768 0.774 0.772 0.901 0.897 0.887 0.749 0.807 0.808 0.975 TianYu\_O\_1 - 0.779 0.788 0.788 0.825 0.814 0.973 0.979 0.91 0.902 0.891 0.763 TianYu\_W\_3 - 0.904 0.906 0.902 0.791 0.766 0.763 0.912 0.975 0.814 0.808 0.817 $R^2$ TianYu\_W\_2 - 0.905 0.906 0.803 0.776 0.772 0.913 0.807 0.907 0.825 0.822 1.0 TianYu\_W\_1 - 0.832 0.831 0.832 0.747 0.728 0.721 0.913 0.912 0.763 0.749 0.761 0.9 TianJu\_O\_3 - 0.774 0.778 0.777 0.977 0.981 0.721 0.772 0.763 0.887 0.886 0.8 0.981 TianJu\_O\_2 - 0.78 0.785 0.784 0.728 0.776 0.766 0.902 0.897 0.897 TianJu\_O\_1 - 0.807 0.812 0.812 0.982 0.747 0.803 0.91 0.901 0.791 TianJu\_W\_3 -0.812 0.784 0.777 0.832 0.906 0.902 0.788 0.772 0.793 TianJu\_W\_2 -0.982 0.812 0.785 0.778 0.907 0.906 0.788 0.774 0.793 0.831 TianJu\_W\_1 -0.807 0.905 0.904 0.78 0.774 0.832 0.768 0.786

**Figure S2. Heat map of inter-sample correlation.** The horizontal and vertical coordinates in the graph are the squares of the correlation coefficients for each sample. The higher the correlation coefficient between samples, the closer their respective expression patterns tend to be.