



**Figure S1. Principal component analysis (PCA) of leaf metabolites.** The contents of 19 amino acids and 12 secondary metabolites were included in the PCA. The first two principal components were visualized and in total explained 82.72% variation. AB: ‘Anjibaicha’, FD: ‘Fudingdabaicha’, HJ: ‘Huangjinya’, LJ: ‘Longjing43’, YJ: ‘Yujinxiang’