

**Figure S2** Orthogonal projections to latent structures discriminant analysis (OPLS-DA) score scatter plot derived from the GC-MS data set for leavesof *Herpetospermum pedunculosum* (Ser.) Baill.Each point represents the metabolic profile of eight replicates of samples collected at four altitudes. Brown circle indicted samples collected in 2800 m altitude; orange circle indicted samples collected in 3000 m altitude; yellow down-triangle indicated samples collected in 3100 m altitude; D: green up-triangle indicated samples collected in 3300 m altitude.