Supplementary Materials

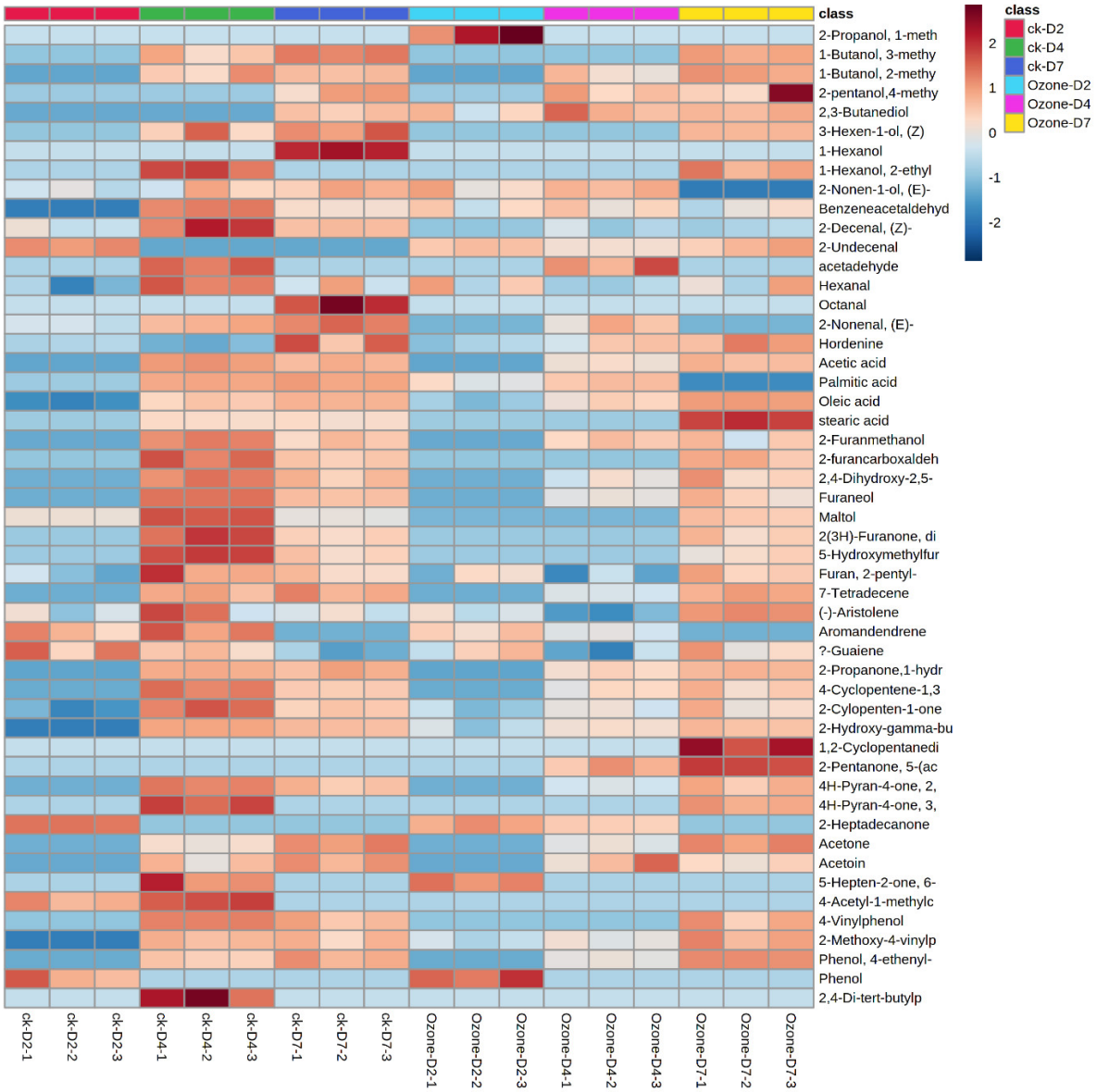


Figure S1. Heatmap of metabolites at different stages of germination. Red means a higher abundance of metabolites, blue means a lower abundance.

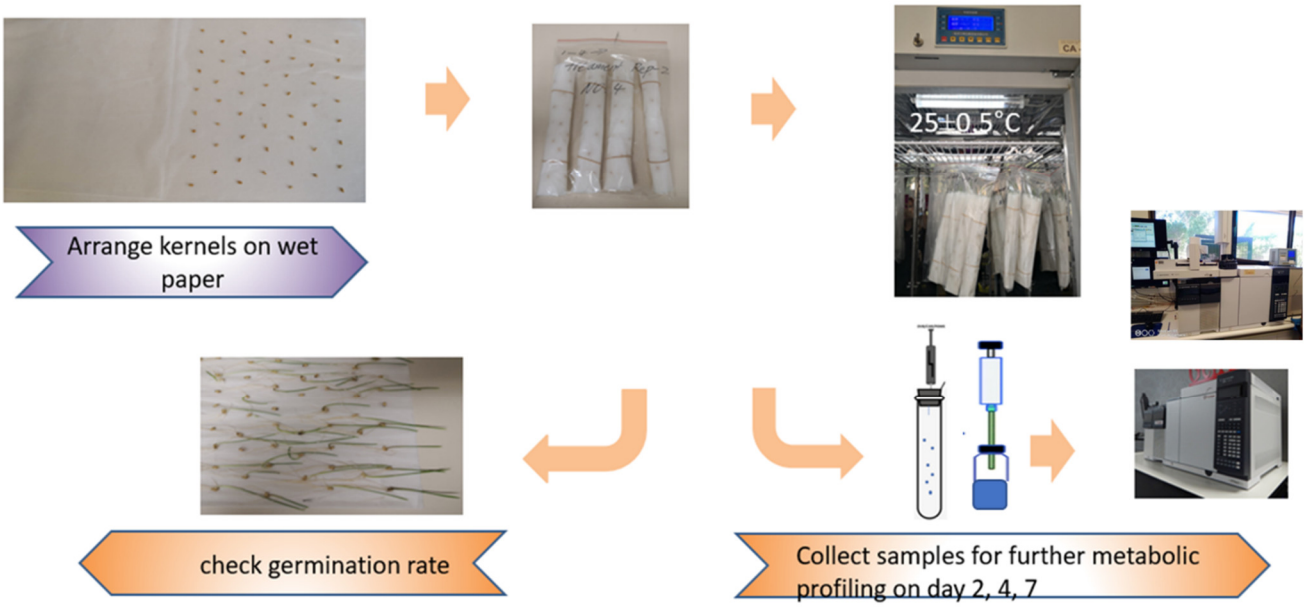


Figure S2. Diagram of germination test and sample collection

Table S1. Basic information of two variety of barley seeds

Properties	Scope CL	Flinders
Harvest time	2020	2020
Moisture content (%)	10.80	10.60
Thousand grain weight (g)	50.00	40.90
Germination rate	92.90%	91.90%