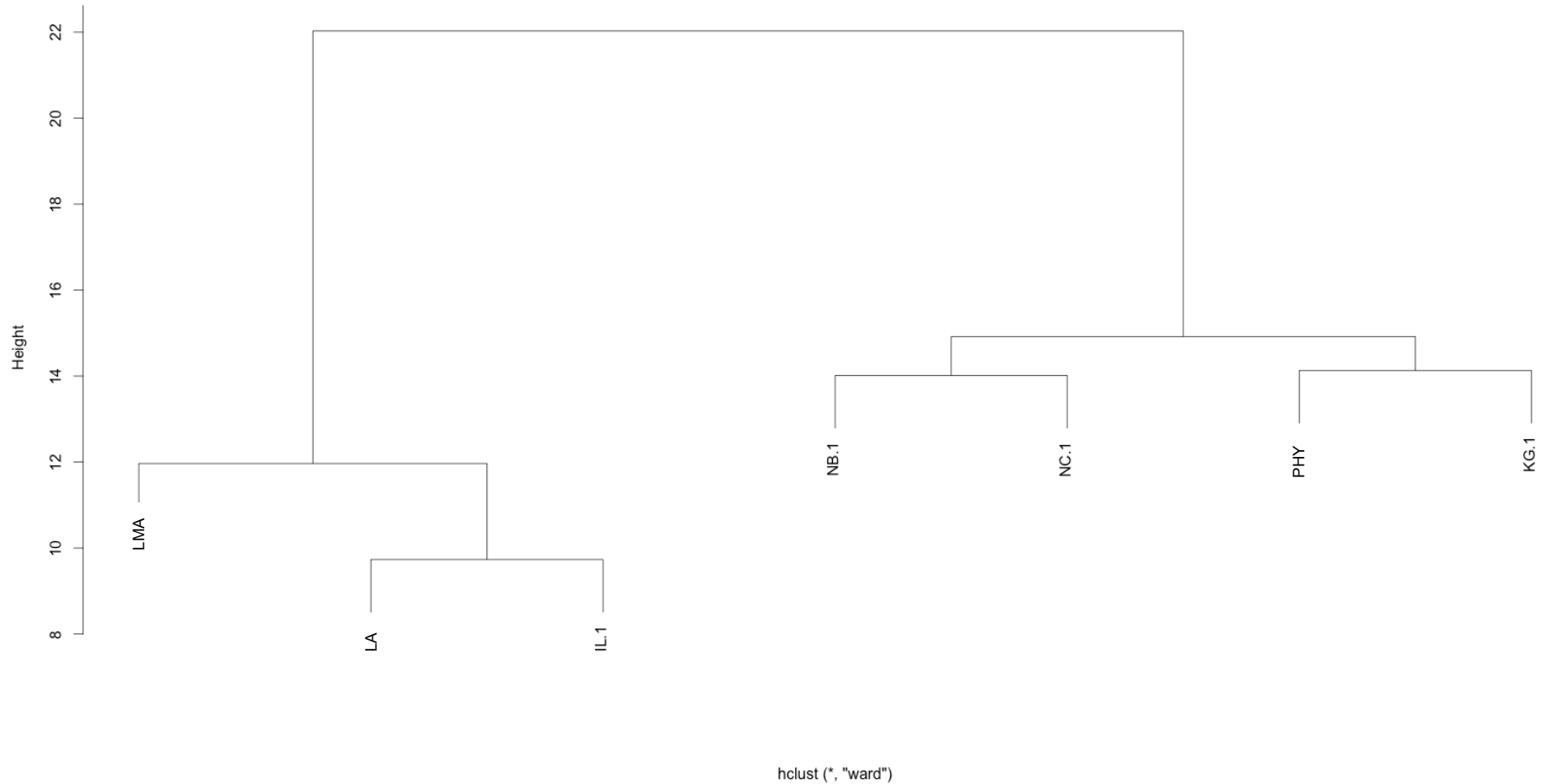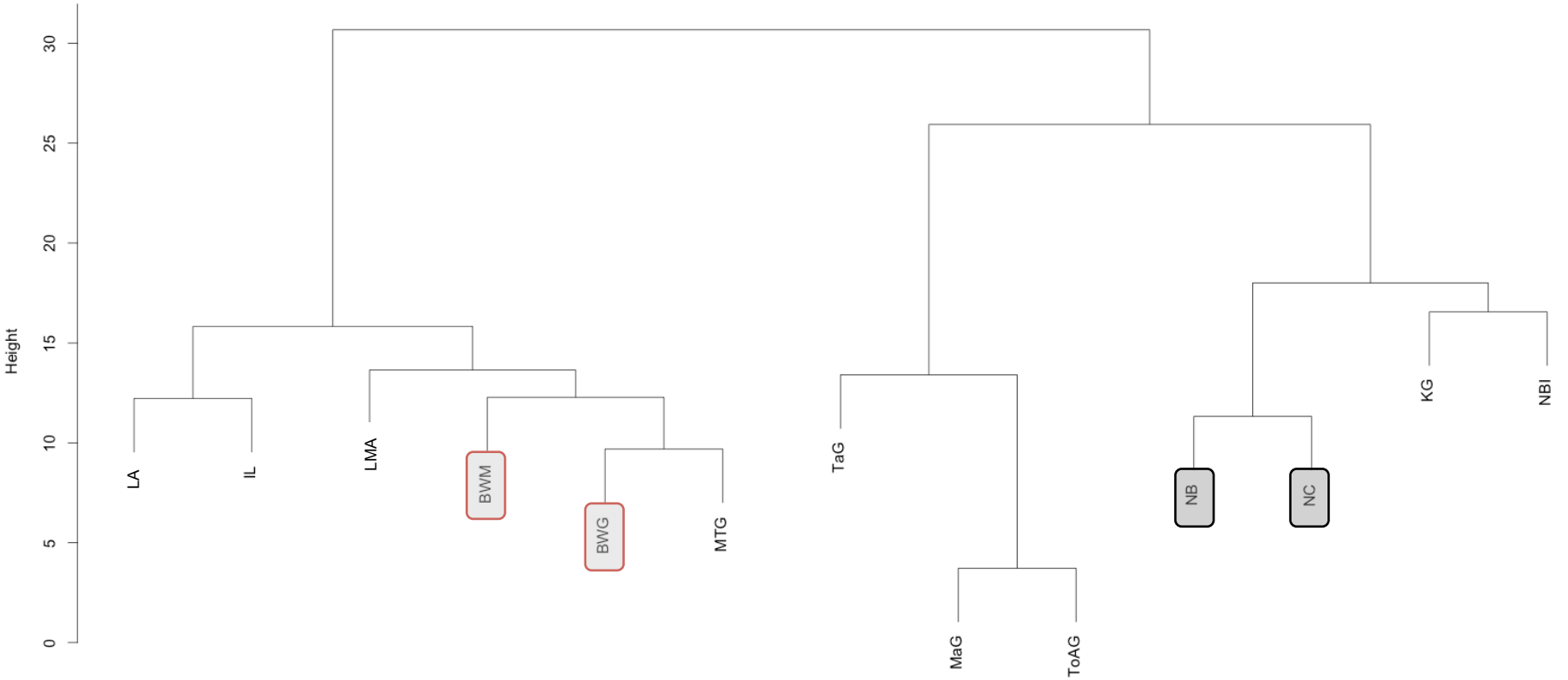**Figure S2.** Hierarchical classification of 43 traits under each growing condition.
When two copies of the same traits were measured under the same environment, the mean value of the two copies was used in order to simplify the tree. Different colours represent trait categories for which a stable QTL was identified.

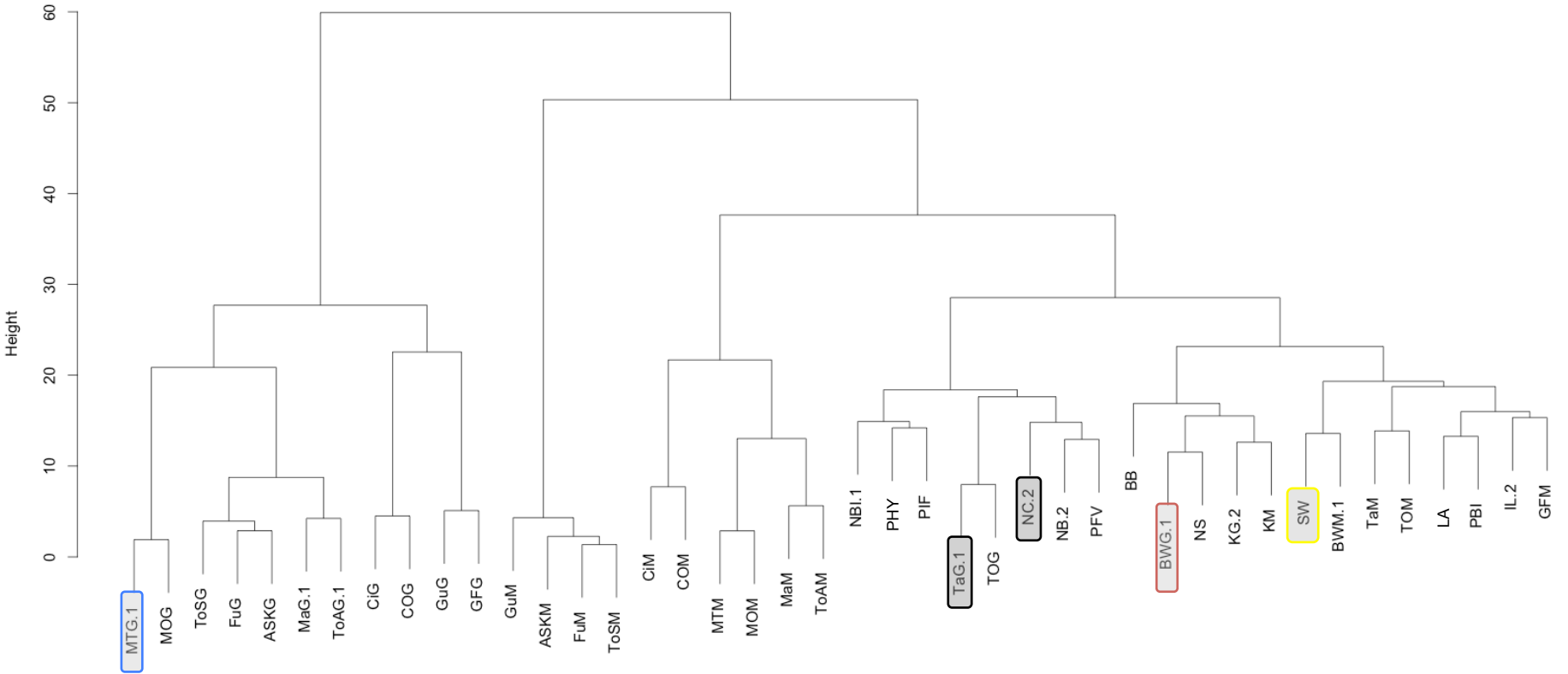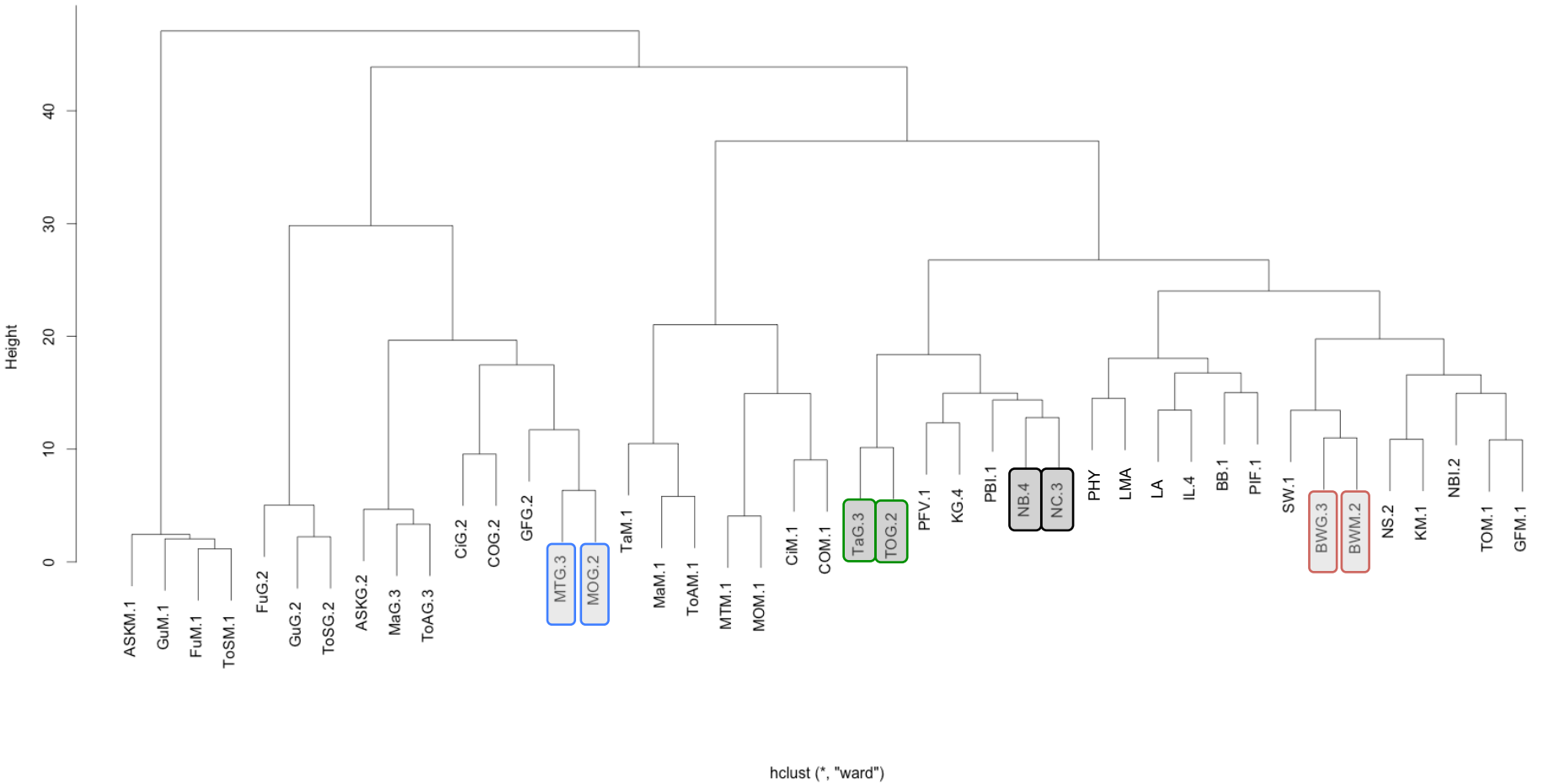Hierarchical classification of 2011 greenhouse traits

hclust (*, "ward")

Hierarchical classification of 2011 outdoors traits

hclust (*, "ward")

Hierarchical classification of 2012 outdoors traits

Height

hclust (*, "ward")

Hierarchical classification of 2013 outdoors traits

hclust (*, "ward")

Hierarchical classification of 2014 outdoors traits

Height

PBI.2

BB.2
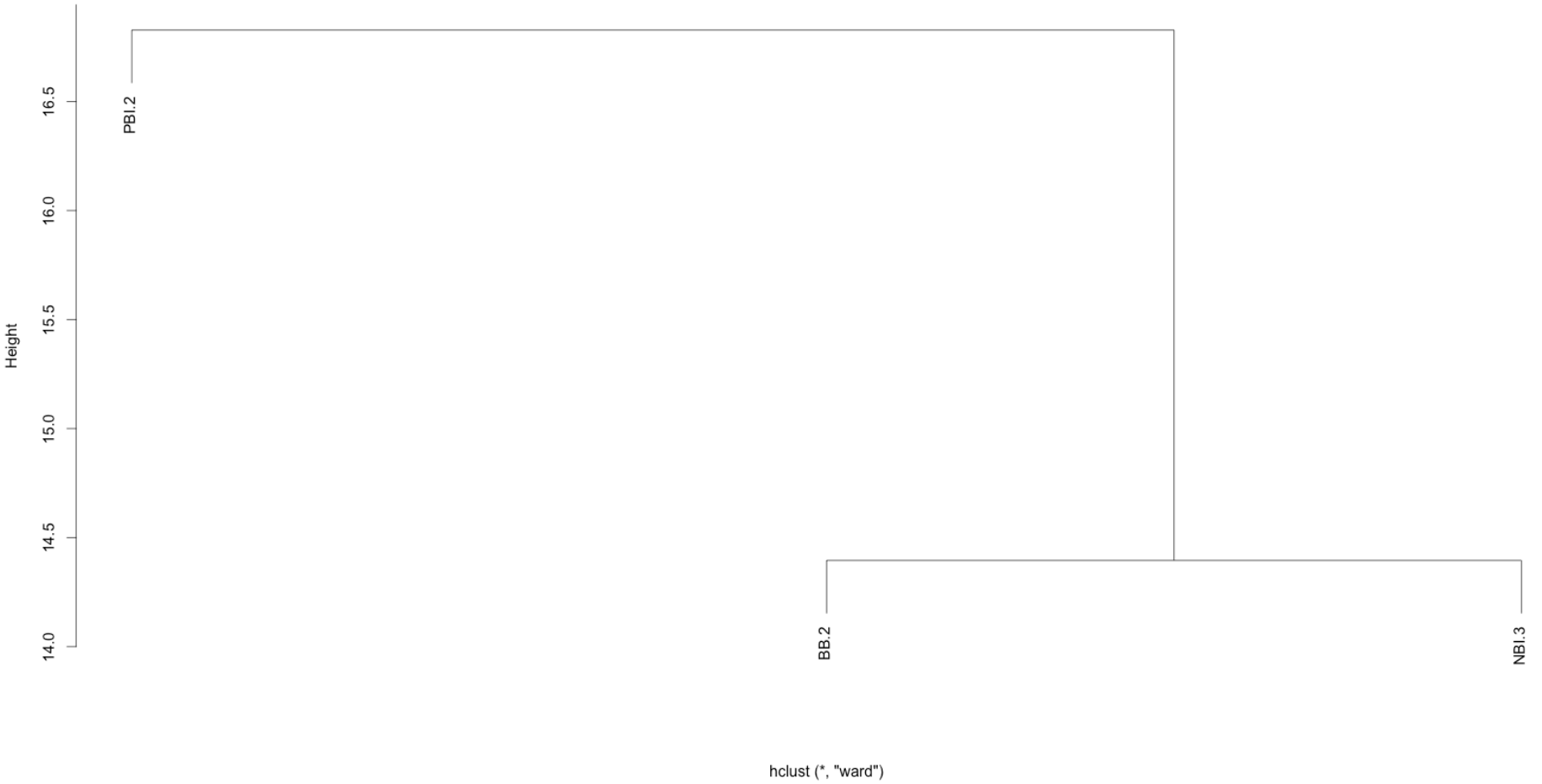
NBI.3

hclust (*, "ward")

Hierarchical classification of 2013 cool traits

hclust (*, "ward")

Hierarchical classification of 2014 cool traits

hclust (*, "ward")

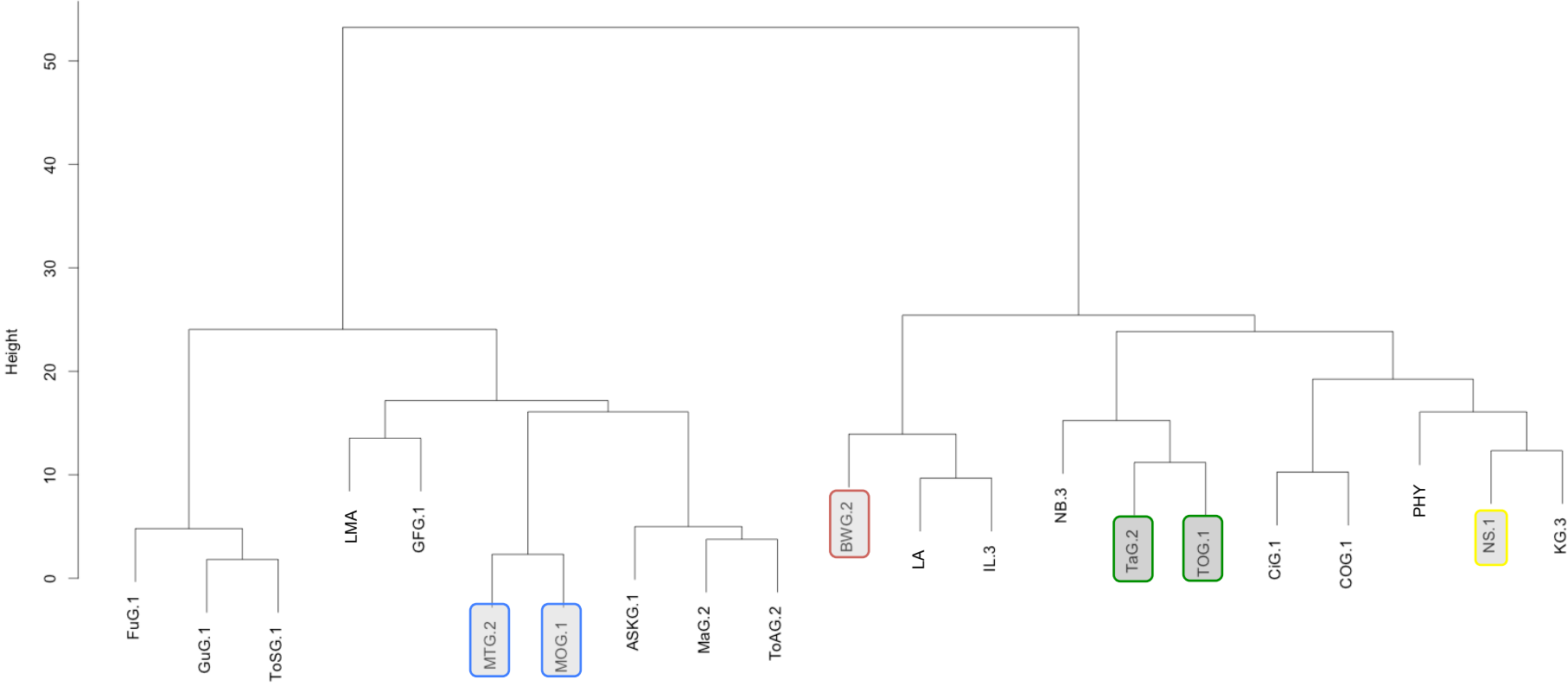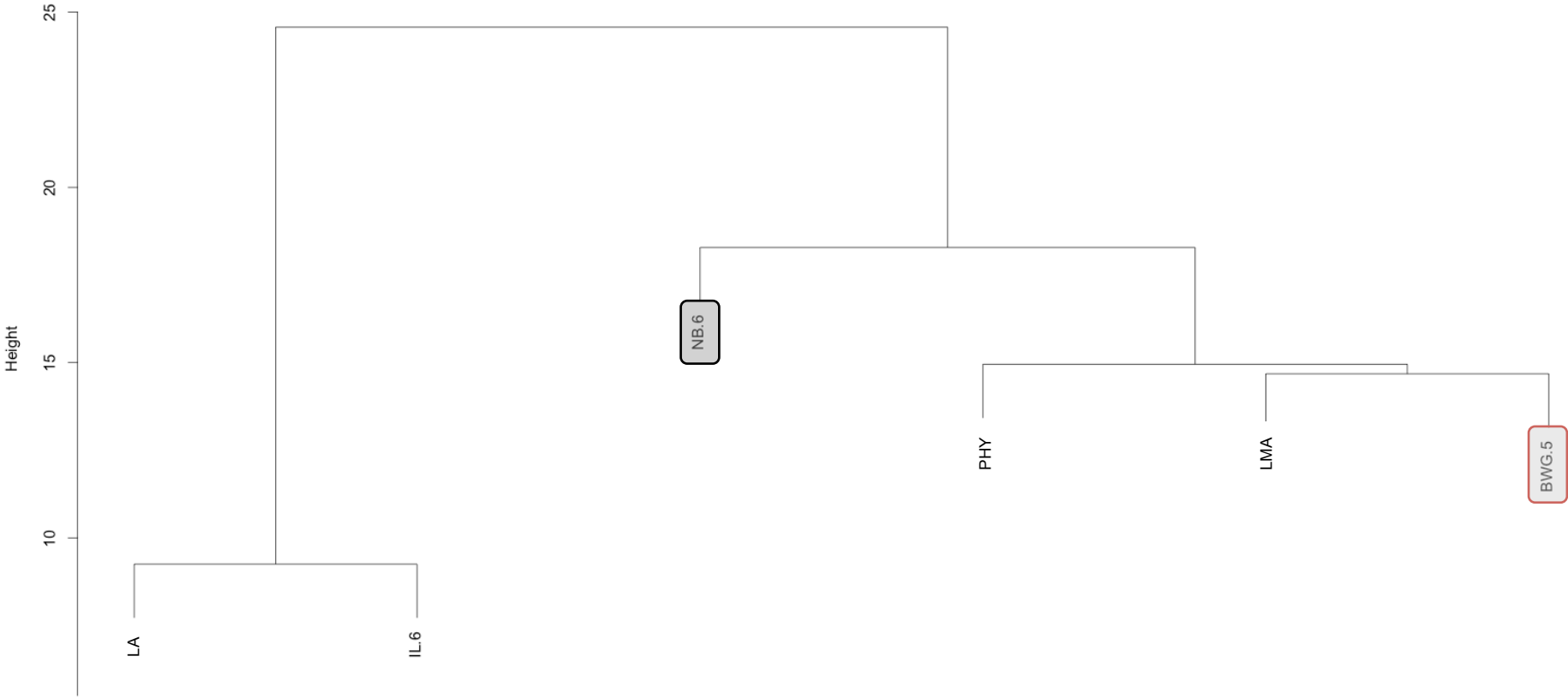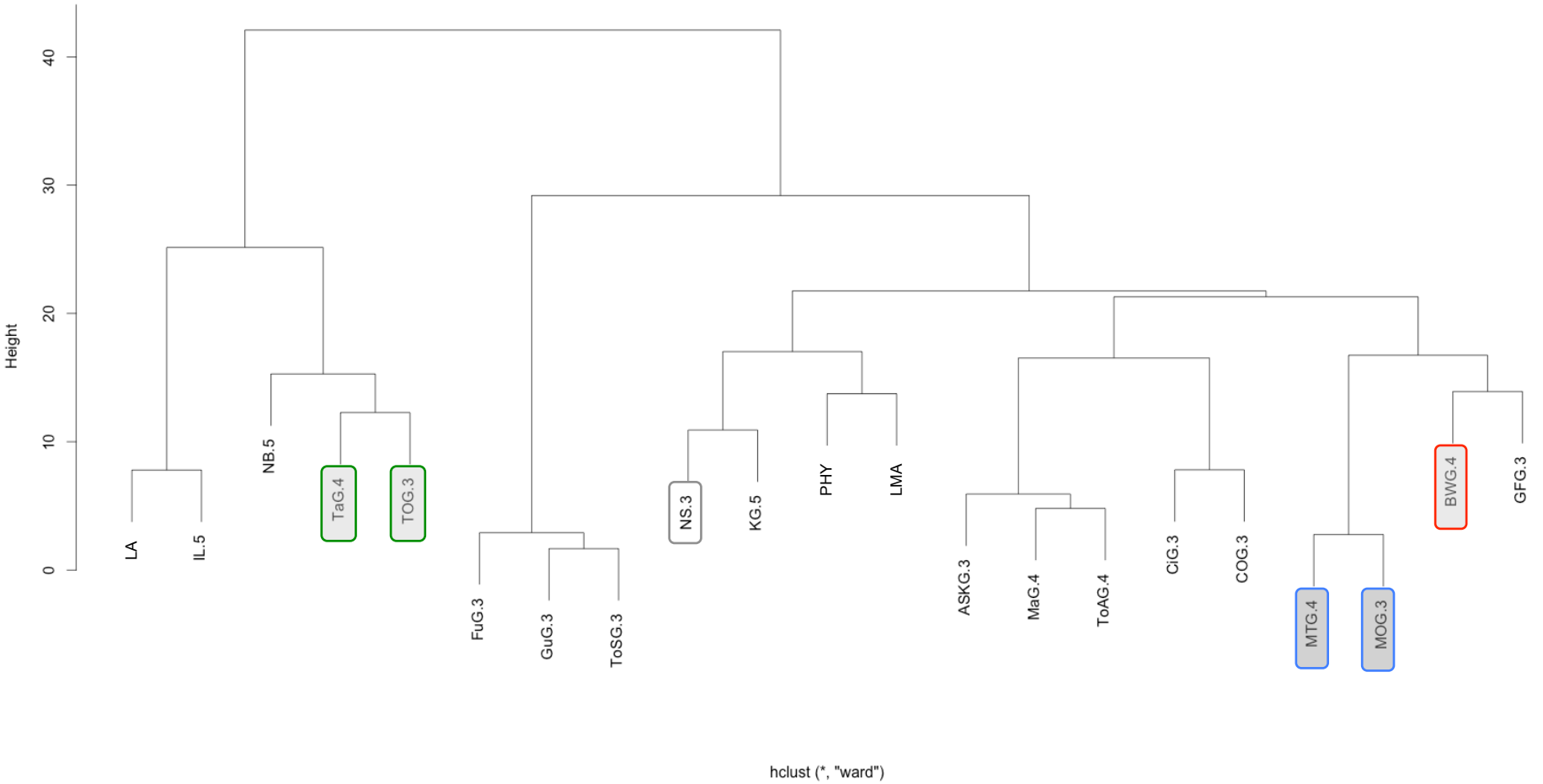Hierarchical classification of 2013 hot traits

hclust (*, "ward")

Hierarchical classification of 2014 hot traits

Height

hclust (*, "ward")