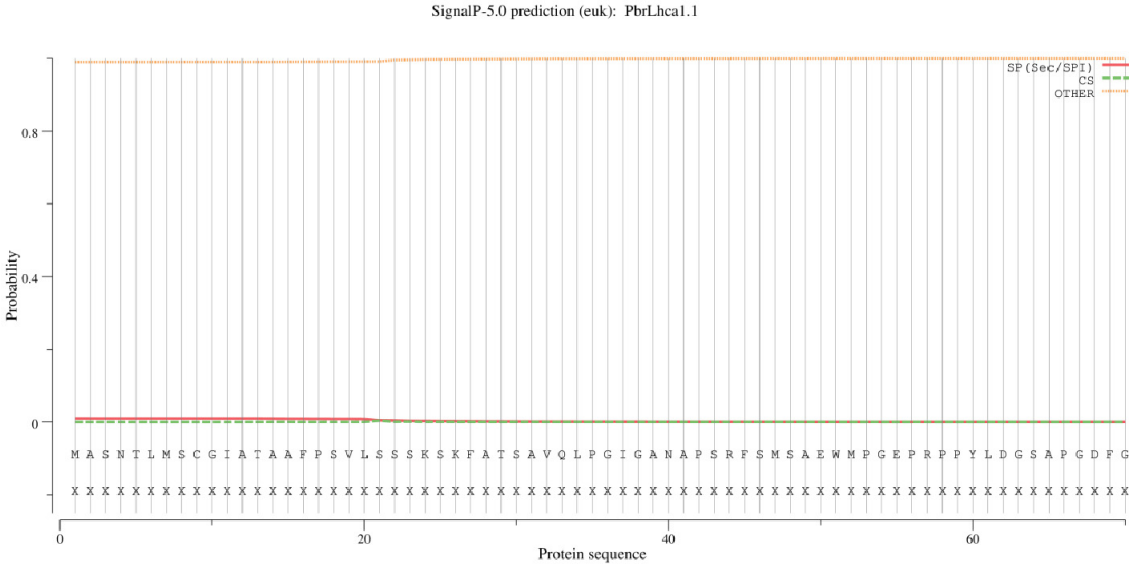

Figure S1. Signal peptide prediction of PbrLhc proteins. The prediction of potential signal peptide locations and cleavage sites in PbrLhc protein sequences was determined by SignalP software based on various artificial neural network algorithms.

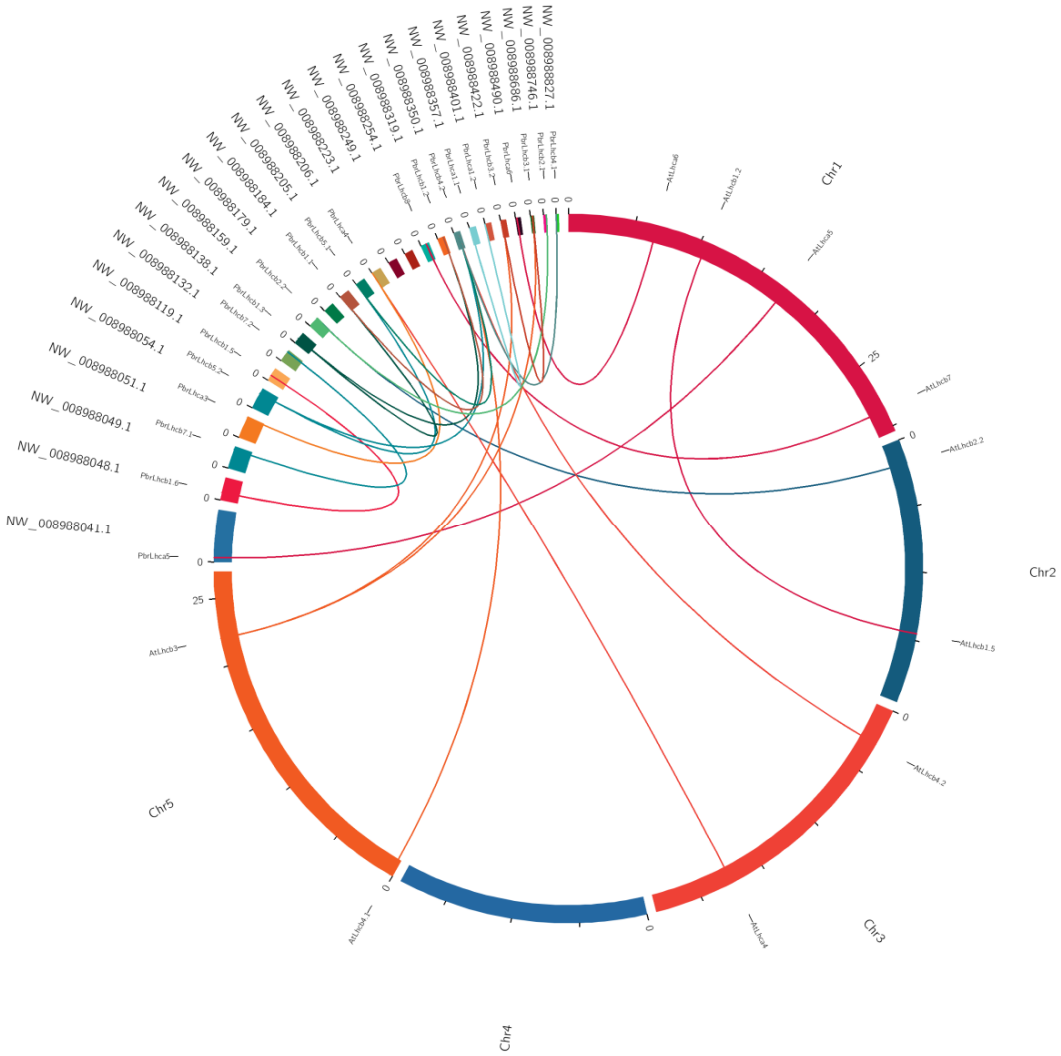

Figure S2. Similarity analysis of members of the PbrLhc family in *P. bretschneideri* and the AtLhc family in *Arabidopsis*.