

Supplemental Material to:

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**Abiotic stress-induced oscillations in steady-state
transcript levels of Group 3 LEA protein genes in the moss,
*Physcomitrella patens***

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Supplementary Table 1. Primer sequences and PCR amplification efficiency in qPCR analysis. Comparative analysis of PCR amplification efficiency of each primer set in qPCR determined by standard curve analysis. Slope value of standard curve of each primer set is generated by cycle (Ct) values on the y-axis versus the log of the dilutions on the x-axis for each primer set.

Gene ID	Primer Sequence	Slope Value	Eamp.	Eamp. (%)
18srRNA	5'-AAACGGCTACCACATCCAAG-3' 5'-CCTCCAATGGATCCTCGTTA-3'	-3.514	1.926	92.57
Actin	5'-TTTCAGCACACTCCCTTCCC-3'	-3.515	1.925	92.54
Phypa_109052	5'- AACCATAGTCATCTGCGAAATAAAC-3'			
Tubulin	5'-ATTGCCAGGAGCTGTGTACC-3'	-3.340	1.992	99.24
Phypa_170860	5'-ACTGCTCCTTCGTCTGCATC-3'			
Group 3 LEA	5'-GCAGACTGGCAACTATGTGTCCGA-3'	-3.546	1.914	91.42
Phypa_166566	5'-ATCCCACTCAACCCTACTGTTTGG-3'			
Group 3 LEA	5'-TGCTTCAACCATGCTAGTTAGGCG-3'	-3.579	1.903	90.27
Phypa_211998	5'-TCCACCTGGATCTACGGAAGTTGA-3'			
GST	5'-GTACTIONGCAAAGCAACCATTCGG-3'	-3.579	1.903	90.27
Phypa_184622	5'-CGCATTATTGCGCCAGACTCGAAC-3'			