

Figure S1: 454 sequencing statistics. a: Read length distribution of individual sequencing reads, the length of the read on the X axis is plotted against the number of reads on the Y axis, replicate 1 is represented by the red bars and the replicate 2 by the blue bars. b: Read length distribution of the de novo assembled contigs; the contig length on the X axis is plotted against the number of contigs on the Y axis.

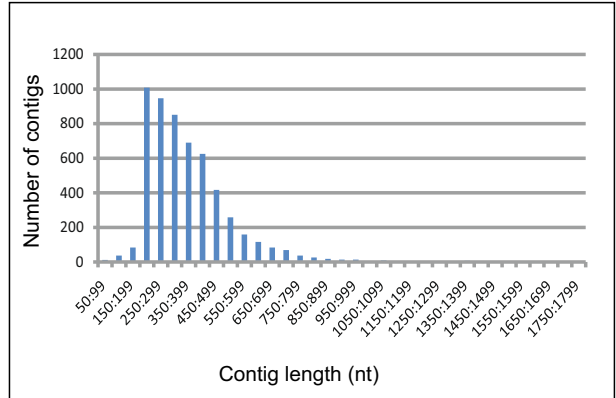


Figure S2: Read length distribution of *T. hassleriana* lineage specific contigs without any GO annotation.

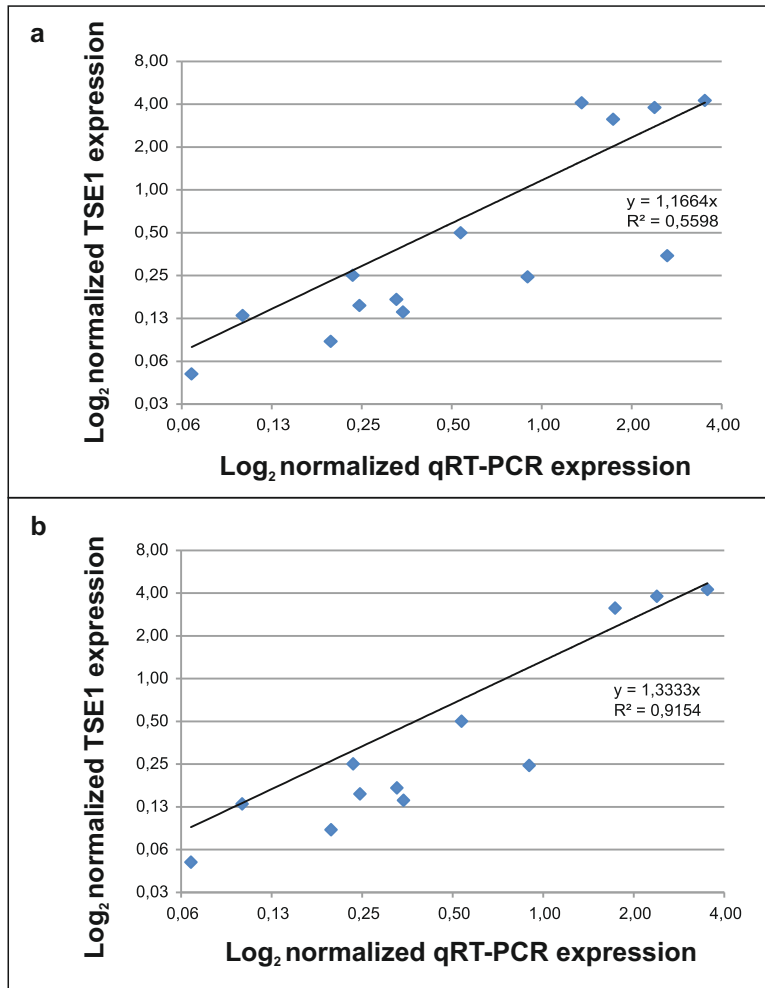


Figure S3: Correlation plot of TSE1 expression by RNA seq and qRT-PCR gene expression.
a: Correlation plot for all 14 genes analysed for verification of the TSE1 expression. b: Correlation plot for 12 genes after removal of *MVP1* and *BGLUC19*.