

Supplementary Table S1. List of *S. officinalis* genes and primer pairs used for qRT-PCR.

Gene	Primer name	Primer sequence	PCR product (bp)
<i>SoACTIN</i>	SoACTIN -F	5'- GGCAGTTCTCTCCCTCTAT-3'	157
	SoACTIN-R	5'- GAGGTGGTCGGTGAGAT-3'	
<i>SoGPS</i>	SoGPS-F	5'- CTGGACAAACGGCAGAAG -3'	150
	SoGPS-R	5'- CAATCCCGTGGCGAATATC -3'	
<i>SoMYRC</i>	SoMYRC-F	5'- CACTGCACACGCTATGAA-3'	160
	SoMYRC-R	5'- GTGCTACATGAACGACCATA-3'	
<i>SoNEOD</i>	SoNEOD -F	5'- GTCAATGTCTCTCCACTTTAG -3'	153
	SoNEOD -R	5'- CTCTTGCAAGTTTACCCTCTTT-3'	
<i>SoCINS</i>	SoCINS-F	5'- GGTGTTGCAGGAAGAAAGTAG -3'	161
	SoCINS-R	5'- CTGTTGAGTACAGATCCCTTTC -3'	
<i>SoSABS</i>	SoSABS -F	5'- CAACGCCAAAGTTTCGATATCC-3'	150
	SoSABS -R	5'- GCAAGCCTTAAAAATCATTCCCG-3'	
<i>SoLINS</i>	SoLINS -F	5'- AGAATTGGTGAAGGCAGAGG-3'	155
	SoLINS -R	5'- GTAGGATGTGGGTCTGATTGG-3'	
<i>SoFPPS2</i>	SoFPPS2-F	5'- CTCTCGGCTGGTGTATTG -3'	159
	SoFPPS2-R	5'- GGATATGGTTCCGGAGAATG -3'	
<i>SoHUMS</i>	SoHUMS-F	5'- GGATGTGTGTAGCCATCTTG-3'	158
	SoHUMS-R	5'- CAAGAGGATGGCTGAGAATG-3'	
<i>SoTPS6</i>	SoTPS6-F	5'- TGAGGATACACTTCAAAGCCC-3'	158
	SoTPS6-R	5'- GTACATCTCAGCCATCCTTATCAT-3'	
<i>SoSQUS</i>	SoSQUS-F	5'- GTATCTCTGTGCTGCTGATG-3'	155
	SoSQUS-R	5'- GCTCTCTCTGTTCTCCTGA-3'	
<i>SoGGPP</i>	SoGGPP-F	5'- GCGGAGATTCTTGATGAGTG-3'	154
	SoGGPP-R	5'- CCGAAATTCCTGAGCTTCTC-3'	
<i>SoGA2</i>	SoGA2-F	5'- GTTCCGTCGTTGTTGCTGAG-3'	156
	SoGA2-R	5'- TAACAACCACCGCCGAAACG-3'	