

Overview of primer sequences used for qRT-PCR.

Transcripts	Primer sequences	
<i>Actin 2</i>	TCAGGCCGTGCTTTCTCTTT	AGATGGGCACTGTATGGGAC
<i>PP2AA3</i>	TACCATATACCGCACACGCC	GGGAAGTTGTTACAGCCCCA
<i>PPR</i>	GGGAAACTTAAGGTTGCGGT	ACCATCCCAGAGTACCCAT
<i>FDS</i>	CCCGAGGTGATTGGAAAGATTG ^[1]	CGAATACAGCCTGAAGATTGAGAG ^[1]
<i>CYP71AV1</i>	CGAGACTTTAACTGGTGAGATTGT ^[2]	CGAAGCGACTGAAATGACTTTACT ^[2]
<i>DBR2</i>	ATGGAAGTGAGGAGGAAG ^[1]	AAACAAGGTCAGGATTCTG ^[1]
<i>Aldh1</i>	TCGGAGTAGTTGGTCACATC ^[1]	TCACGCCATCAGGAACAC ^[1]
<i>P450 comp69</i>	CTATTGCGCTTTGGGTCACG	GTAATCGAGGGCGGTTAGCA
<i>P450 comp2774</i>	TTTGATTGGGGGTTGCCAGA	CATGGTTAACCCCGGCAAAA
<i>P450 comp 15043</i>	TTGTGGACTTGTGTTGTGGCG	GTGTGCGGGTTGCGTAGAA
<i>P450 comp 3673</i>	AGCGAGGATCACGTTGCATT	GCGGTCACCACATGAGGATT
<i>P450 comp 548</i>	GCACTCCAAGAGTTGCGGAT	AGTAATCCCAGCGCTTTCAG
<i>Per comp2084</i>	TTCGTACAGGGCTGTGATGG	TGGGTGCGTTCCTTTCTCCT
<i>Per comp252</i>	CAGGTCAGACCAGCAGTTGT	CCGCGAAATCCTCATGGAAAC
<i>Per comp6217</i>	TTCTAGTCGACCGTGAGGGA	TTCTCGATGCTGAGTGGACTG
<i>Diox comp225</i>	AGGAGAAGCGGTGCAAGATT	AACTGCCCTCCACTCTTTGG
<i>Diox comp453</i>	GGTGGCGAAGACTTGGTCTA	CATGTCGGTATGTGGGGCTA
<i>TFAR1</i>	CAAACCCTTTTCAGTTCACCA ^[1]	ATGACAGCCTTTCCATCCTTT ^[1]
<i>U_ OSC</i>	CGGTCGAGCGTCAAGAAGTA	CGCATAAGCAAATCACCGCA
<i>epi-cedrol synthase</i>	TTGGTTCCATAAGGGCGAG	CGTAGGCTTGTTGCTCGCTA

References

1. Maes L, Van Nieuwerburgh FCW, Zhang YS, Reed DW, Pollier J, Castele S, Inze D, Covello PS, Deforce DLD, Goossens A: **Dissection of the phytohormonal regulation of trichome formation and biosynthesis of the antimalarial compound artemisinin in *Artemisia annua* plants.** *New Phytologist* 2011, **189**(1):176-189.
2. Olofsson L, Lundgren A, Brodelius PE: **Trichome isolation with and without fixation using laser microdissection and pressure catapulting followed by RNA amplification: Expression of genes of terpene metabolism in apical and sub-apical trichome cells of *Artemisia annua* L.** *Plant Science* 2012, **183**:9-13.