Supplementary Table S3. Primer sequences used for RT-PCR. Gene I.D. represent respective terpene synthase genes annotated in table 1. *L. sativa Tubulin*, *LOC111880334*; and *L. sativa Actin*, *LOC111882438*; were used as endogenous control for qualitative analysis.

Gene I.D.	Primer sequences (forward / reverse)
LsTPS1	5'- AGGCTTCTTCGTCTCAAGTGAT -3'/ 5'- CAGCAGAAACAACAGGGTCG -3'
LsTPS3	5'- TGATGGAATGTAGCAAGCCG -3'/ 5'- TGTCGCATGAGTCGAAACCA -3'
LsTPS4	5'- GTGAGACAGGCGTTGAGGAG -3'/ 5'- CCCAACTGTTTATGGCACCC -3'
LsTPS5	5'- TGACTATTTGGAGTTGGAAGCA -3'/ 5'- GAGCTTCTGTGAAGACGATAGC -3'
LsTPS6	5'- TGAGGGTGAAAGAGCACAGG -3'/ 5'- AAGAACCGGTGCAACTAGCC -3'
LsTPS8	5'- TGAAGAATGGCGAAGAGGCT -3'/ 5'- GCCACGTTTTCCGTTAACCC -3'
LsTPS9	5'- AACGTTTCTCGAGGGGAAGC -3'/ 5'- TCATGGACTTCGTGGGAAGC -3'
LsTPS10	5'- GACTTGAGGCTTTGCGCTAC -3'/ 5'- CTTGCATCGCCTCTTGAACA -3'
LsTPS11	5'- TCCAACAACCGAAGAGCACA -3'/ 5'- GGTTTTGCACTTCTTCCCCG -3'
LsTPS12	5'- ACGAACGCCAGACCTTTCAT -3'/ 5'- TATTCCGGCAGGTCTTCCAC -3'
LsTPS13	5'- TAAGCCATGCCTTGGAGCTT -3'/ 5'- CTGGTTGATCAGGGTGCTGT -3'
LsTPS14	5'- ATCGGCTACGGGTGTTGATG -3'/ 5'- CCATAAAACATCCCAAAAGAGACCA -3'
LsTPS15	5'- TGAGCTCGCCAAATTGGACT -3'/ 5'- GATCACGAGCAAAGCCGAAC -3'
LsTPS16	5'- AGAGTGGTGCCACAGAAGTG -3'/ 5'- AACAAAATACCCTAATGCTCACAA -3'
LsTPS17	5'- GATCGAGAATGCGAGGAGCA -3'/ 5'- ATGAAACTCCCGTCGCTGTT -3'
LsTPS21	5'- CAAGGATGGTCATGGTGGCT -3'/ 5'- TTGCAAGCTCCAACACATGC -3'
LsTPS22	5'- AGTGTGGGGAGATTTACTTGAAGC -3'/ 5'- TCTCCGTATTGGTACACGCAT -3'
LsTPS23	5'- GCTGTCAAGAGGTGGGACAT -3'/ 5'- GCAACTTTCTCACACGCACC -3'
LsTPS24	5'- TGTTGAGCAGGAAGACAACGA -3'/ 5'- TCCTCTCCTGCAAAATCTGGT -3'
LsTPS25	5'- CGACTTGAACTCAAGGGGACA -3'/ 5'- GGCTACCCAAGCTGTGTCAT -3'
LsTPS26	5'- TGGTTGGGTGACATCATGTGG -3'/

	5’- TAGTCTCACGATCTTGGATGCC -3’
LsTPS27	5’- TCAAGTTGTCGGGCGGTAAA -3’/ 5’- GCACACCTTCGACATGCTTT -3’
LsTPS28	5’- CCAGGCCCTACATCGAACAG -3’/ 5’- AGCCTCAATACATATCCTGAAGTG -3’
LsTPS29	5’- CGAGATCGGCCTCTTGAGTG -3’/ 5’- GCCATGTATGTCCCTGCTGT -3’
LsTPS30	5’- GACGTTCACAGAGAAGCCGA -3’/ 5’- AAGCTGTCACCAGAGGAGGA -3’
LsTPS31	5’- AGCTTGGGAGGAGCAACAAG -3’/ 5’- ACGGAAGTGCTTTGGAGGTT -3’
LsTPS32	5’- TATTGTCACCCACAAGGGCG -3’/ 5’- ACATCCATTCCTCGTCCCAA -3’
LsTPS33	5’- GCTAAGGCTATGGAGGAGCC -3’/ 5’- TGCGTGTTTCACTTGCTGTG -3’
LsTPS34	5’- TGCCACAGAAGTGGAAGCAA -3’/ 5’- TCATACGCAAAGTGGCCCAT -3’
LsTPS35	5’- CGAGGATGTGGTGGGAATGT -3’/ 5’- TTCCACTAAGCGGTCCCGAG -3’
LsTPS36	5’- GAAGGGGCTCAACTCTACTCG -3’/ 5’- AGTCTCCCAAGCAATGCCTC -3’
LsTPS39	5’- GAGAGCTCGATCGGTGAGTG -3’/ 5’- TGTCGCATGAGTCGAAACCA -3’
LsTPS41	5’- TCTTTTGTTGGCATGGGGGA -3’/ 5’- TTTGAACCGTGTGGCGTAGT -3’
LsTPS42	5’- TCAACCAATCACCATTCCACA -3’/ 5’- GGCTTCCATGGCTTTTGCAT -3’
LsTPS43	5’- AAGGGGTCAATCAGCCACTG -3’/ 5’- TGACATAAATTGATATACCCGACCA -3’
LsTPS44	5’- TGCCAGAGACAGATTGGTGG -3’/ 5’- TACTGAAGCGCCTATGGATAC -3’
LsTPS47	5’- AGATTCTTATGCCAAAAGCGGAG -3’/ 5’- ATTTCGAGTTGTGTCGGTGA -3’
LsTPS48	5’- TCGGTAGGGGCTCCTGTAAT -3’/ 5’- GCACCTCCTCGGGCTTTATT -3’
LsTPS50	5’- CCTGTGGACAGTTGGGGTG -3’/ 5’- GTAGCGAACTATATTTTCAGCTCTC -3’
LsTPS51	5’- CTCCAAGCGTTTGGGGAGAT -3’/ 5’- TCCTTTGCTATTTCTTCAAGGTGA -3’
LsTPS52	5’- AGACTTGAAACAAGAAGTGAGGG -3’/ 5’- AGGCTGCTTTAGTGCCTCTT -3’
LsTPS53	5’- TTGGGCAGTCTGTGTATGCC -3’/ 5’- TCGCAATATCACCCATGCCG -3’
LsTPS54	5’- CTTCGGTGCAAAAGCTGTGT -3’/ 5’- AAGGACTACACTGCCTGCC -3’
LsHMGR	5’- GGTCGTGGGAAATCTGTGGT -3’/ 5’- AGCATGCGCATTGAAACCTC -3’
LsDXR	5’- CAGGACTCGTCGGTTCTAGC -3’/

	5’- CGGCCGAATAAGCCAAATCC -3’
LsTUB	5’- TAGGCGTGTGAGTGAGCAGT -3’/ 5’- AACCCTCGTACTCTGCTGCCTCTT -3’
LsACT	5’- AGGGCAGTGTTTCCTAGTATTGTT -3’/ 5’- CTCTTTTGGATTGTGCCTCATCT -3’