

Table S1. Source plants for the essential oils from the Botanical Garden of the Karlsruhe Institute of Technology. The plants are maintained as living vouchers in clonal lines under the respective ID. Scientific taxonomy follows The Plant List (www.theplantlist.org). The *psbA-trnH* *igs* sequences used for genetic barcoding are deposited in GenBank under the given accession number. The identity of the plants has also been verified by comparing these accessions with curated sequences from GenBank.

KIT ID	Declared taxonomy	Vernacular names	Source	GenBank ID for <i>psbA-trnH</i> <i>igs</i>	Identity
7579	<i>Mentha spicata</i> L.	Spearmint	BG KIT	MH753576	<i>M. spec.</i>
5391	<i>Mentha spicata</i> L. var. <i>crispa</i>	Curly Mint	BG KIT	MH753570	<i>M. spicata</i> L.
8682	<i>Mentha longifolia</i> (L.) L.	Horsemint	WEL 3/72	MH753572	<i>M longifolia</i> (L.) L.
8680	<i>Mentha aquatica</i> L.	Water Mint	WEL 3/451	MH753578	<i>M. aquatica</i> L.
5393	<i>Mentha x piperita</i> L.	Peppermint	BG KIT	MH753571	<i>M. x piperita</i> (L.)
3638	<i>Mentha suaveolens</i> Ehrh.	Apple Mint	BG Vakratot	MH753574	<i>M. spec.</i>
4643	<i>Nepeta cataria</i> L.	Catnip	BG KIT	MH753573	<i>N. cataria</i> L.
7576	<i>Agastache rugosa</i> (Fisch. & C.A.Mey.) Kuntze	Korean Mint	BG KIT	MH753575	<i>A. rugosa</i> (Fisch. & C.A.Mey.) Kuntze