

IDENTIFICATION ENGINE: RESULTS



Results Summary

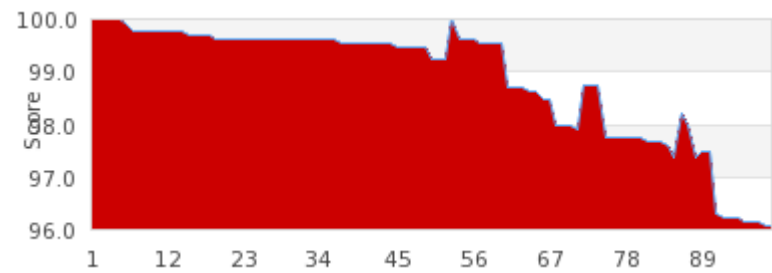


Query ID	Best ID	Search DB
unlabeled_sequence	<i>Origanum vulgare</i>	MATK_RBCL

Query: unlabeled_sequence
Top Hit: Lamiales - *Origanum vulgare*

Score Summary

E-Value Summary



Scores indicate the degree of similarity between the query sequence and hits. Higher is better.



E-Values are an indicator of the likelihood that a given match was generated randomly. Lower is better.

Top 100 Matches

Rank	Phylum	Class	Order	Family	Genus	Species	Subspecies	Score	Similarity	E-Value	Status
1	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Origanum	vulgare		1300	100	0	Published
2	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Origanum	vulgare		1300	100	0	Published
3	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Origanum	vulgare		1300	100	0	Published
4	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Origanum	vulgare		1300	100	0	Published
5	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Origanum	vulgare	subsp. virens	1300	100	0	Private
6	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Thymus	caespititius		1298	99.92	0	Published
7	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Mentha	spicata		1294	99.77	0	Published
8	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Mentha	x piperita		1294	99.77	0	Published
9	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Mentha	spicata		1294	99.77	0	Published

10	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>suaveolens</i>	1294	99.77	0	Published 
11	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>x piperita</i>	1294	99.77	0	Published 
12	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymbra</i>	<i>capitata</i>	1294	99.77	0	Published 
13	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>spicata</i>	1294	99.77	0	Published 
14	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>suaveolens</i>	1294	99.77	0	Published 
15	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Clinopodium</i>	<i>menthifolium</i> <i>ascendens</i>	1292	99.69	0	Private
16	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>spicata</i>	1292	99.69	0	Published 
17	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Clinopodium</i>	<i>menthifolium</i> <i>ascendens</i>	1292	99.69	0	Private
18	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Clinopodium</i>	<i>menthifolium</i> <i>ascendens</i>	1292	99.69	0	Private
19	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>vulgaris</i>	1290	99.62	0	Published 
20	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>pulegioides</i>	1290	99.62	0	Published 
21	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>cervina</i>	1290	99.62	0	Published 
22	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Satureja</i>	<i>montana</i>	1290	99.62	0	Published 
23	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>aquatica</i>	1290	99.62	0	Published 
24	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>aquatica</i>	1290	99.62	0	Published 
25	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>cervina</i>	1290	99.62	0	Published 

26	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>x citriodorus</i>		1290	99.62	0	Published 
27	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Satureja</i>	<i>montana</i>		1290	99.62	0	Published 
28	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>vulgaris</i>		1290	99.62	0	Published 
29	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>mastichina</i>		1290	99.62	0	Published 
30	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Satureja</i>	<i>montana</i>		1290	99.62	0	Published 
31	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>aquatica</i>		1290	99.62	0	Published 
32	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>villosus</i>	<i>lusitanicus</i>	1290	99.62	0	Private
33	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>mastichina</i>		1290	99.62	0	Published 
34	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>zygis</i>	<i>sylvestris</i>	1290	99.62	0	Private
35	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>carnosus</i>		1290	99.62	0	Published 
36	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>capitellatus</i>		1290	99.62	0	Published 
37	Tracheophyta	Magnoliopsida	Caryophyllales	Chenopodiaceae	<i>Chenopodium</i>			1288	99.54	0	Private
38	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>vulgaris</i>		1288	99.54	0	Published 
39	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>pulegium</i>		1288	99.54	0	Published 
40	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>pulegium</i>		1288	99.54	0	Published 
41	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>pulegium</i>		1288	99.54	0	Published 

42	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>pulegium</i>		1288	99.54	0	Published 
43	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>vulgaris</i>		1288	99.54	0	Published 
44	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>camphoratus</i>		1288	99.54	0	Published 
45	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>officinalis</i>		1286	99.46	0	Published 
46	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>officinalis</i>		1286	99.46	0	Published 
47	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>serpyllum</i>		1286	99.46	0	Published 
48	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>officinalis</i>		1286	99.46	0	Published 
49	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>officinalis</i>		1286	99.46	0	Published 
50	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>rosmarinus</i>		1280	99.23	0	Private
51	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>rosmarinus</i>		1280	99.23	0	Published 
52	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>rosmarinus</i>		1280	99.23	0	Published 
53	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Origanum</i>	<i>vulgare</i>		1279	100	0	Published 
54	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>aquatica</i>		1269	99.61	0	Published 
55	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Mentha</i>	<i>arvensis</i>		1269	99.61	0	Published 
56	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>serpyllum</i>	<i>ssp tanaensis</i>	1269	99.61	0	Private

57	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>praecox britannicus</i>	1267	99.53	0	Published 
58	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Acinos</i>	<i>arvensis</i>	1267	99.53	0	Published 
59	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>pulegioides</i>	1267	99.53	0	Published 
60	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Thymus</i>	<i>praecox</i> <i>arcticus</i>	1267	99.53	0	Private
61	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>nipponica</i>	1266	98.69	0	Published 
62	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>glabrescens</i>	1266	98.69	0	Published 
63	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>nipponica</i>	1266	98.69	0	Published 
64	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>japonica</i> var. <i>japonica</i>	1264	98.62	0	Published 
65	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>japonica</i> var. <i>japonica</i>	1264	98.62	0	Published 
66	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>lutescens</i> var. <i>lutescens</i>	1260	98.46	0	Published 
67	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Plectranthus</i>	<i>barbatus</i>	1260	98.46	0	Published 
68	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Melissa</i>	<i>officinalis</i>	1248	98	0	Published 
69	Tracheophyta	Magnoliopsida	Asterales	Asteraceae	<i>Helichrysum</i>	<i>italicum</i> <i>picardii</i>	1248	98	0	Private
70	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Melissa</i>	<i>officinalis</i>	1248	98	0	Published 
71	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Salvia</i>	<i>columbariae</i>	1245	97.92	0	Private

72	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Salvia	glabrescens var. glabrescens		1243	98.75	0	Published ↗
73	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Salvia	nipponica var. kisoensis		1243	98.75	0	Published ↗
74	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Salvia	nipponica var. nipponica		1243	98.75	0	Published ↗
75	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	angustifolia		1242	97.77	0	Published ↗
76	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	angustifolia		1242	97.77	0	Published ↗
77	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	stoechas	luisieri	1242	97.77	0	Private
78	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	stoechas	luisieri	1242	97.77	0	Private
79	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	stoechas	luisieri	1242	97.77	0	Private
80	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	pedunculata	lusitanica	1242	97.77	0	Private
81	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Ocimum	basilicum		1240	97.69	0	Published ↗
82	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Ocimum	basilicum		1240	97.69	0	Published ↗
83	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Ocimum	basilicum		1240	97.69	0	Published ↗
84	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Lavandula	dentata		1238	97.62	0	Published ↗
85	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Hyssopus	officinalis		1232	97.38	0	Published ↗
86	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	Glechoma	hederacea		1231	98.2	0	Published ↗

87	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Prunella</i>	<i>vulgaris</i>		1227	97.97	0	Published 
88	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Lycopus</i>	<i>europaeus</i>		1217	97.36	0	Published 
89	Tracheophyta	Magnoliopsida	Brassicales	Brassicaceae	<i>Isatis</i>	<i>tinctoria</i>		1213	97.49	0	Published 
90	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Hyssopus</i>	<i>officinalis</i>		1213	97.49	0	Published 
91	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Ballota</i>	<i>nigra</i>		1204	96.31	0	Published 
92	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Ajuga</i>	<i>reptans</i>		1202	96.23	0	Published 
93	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Ajuga</i>	<i>pyramidalis</i>		1202	96.23	0	Published 
94	Tracheophyta	Magnoliopsida	Lamiales	Oleaceae	<i>Olea</i>	<i>europaea</i>	<i>europaea</i>	1202	96.23	0	Private
95	Tracheophyta	Magnoliopsida	Lamiales	Lamiaceae	<i>Stachys</i>	<i>bullata</i>		1200	96.15	0	Private
96	Tracheophyta	Magnoliopsida	Lamiales	Plantaginaceae	<i>Kickxia</i>	<i>spuria</i>		1200	96.15	0	Published 
97	Tracheophyta	Magnoliopsida	Lamiales	Oleaceae	<i>Olea</i>	<i>europaea</i>		1200	96.15	0	Private
98	Tracheophyta	Magnoliopsida	Lamiales	Verbenaceae	<i>Aloysia</i>	<i>citrodora</i>		1198	96.08	0	Published 
99	Tracheophyta	Magnoliopsida	Lamiales	Verbenaceae	<i>Aloysia</i>	<i>citrodora</i>		1198	96.08	0	Published 
100	Tracheophyta	Magnoliopsida	Lamiales	Verbenaceae	<i>Aloysia</i>	<i>citrodora</i>		1198	96.08	0	Published 

Record: 1, Identified As: *Origanum vulgare*

Score: 1300, E-Value: 0, Identity: 1300/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	 ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	 ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACTGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	 TCTTCTACTGGTACATGGACAACTGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	 CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	 GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Sbjct	 CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	 TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 2, Identified As: *Origanum vulgare*
Score: 1300, E-Value: 0, Identity: 1300/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 3, Identified As: *Origanum vulgare*
Score: 1300, E-Value: 0, Identity: 1300/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTCACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTCACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 4, Identified As: *Origanum vulgare*

Score: 1300, E-Value: 0, Identity: 1300/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 5, Identified As: *Origanum vulgare* subsp. *virens*

Score: 1300, E-Value: 0, Identity: 1300/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	Matched sequence is private and can't be displayed.
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	Matched sequence is private and can't be displayed.
Query	TCTTCTACTGGTACATGGACAACTGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	Matched sequence is private and can't be displayed.
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	Matched sequence is private and can't be displayed.
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	Matched sequence is private and can't be displayed.
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Sbjct	Matched sequence is private and can't be displayed.
Query	TCTGCTAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	Matched sequence is private and can't be displayed.

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	Matched sequence is private and can't be displayed.
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	Matched sequence is private and can't be displayed.
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	Matched sequence is private and can't be displayed.
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	Matched sequence is private and can't be displayed.
Query	GTAGTAGGTAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	Matched sequence is private and can't be displayed.
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	Matched sequence is private and can't be displayed.
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	Matched sequence is private and can't be displayed.
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	Matched sequence is private and can't be displayed.

Record: 6, Identified As: *Thymus caespititius*
Score: 1298, E-Value: 0, Identity: 1299/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTACGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 7, Identified As: *Mentha spicata*
Score: 1294, E-Value: 0, Identity: 1297/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTACGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGGGCTATATTTGCTAGAGAATTGGGAGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 8, Identified As: Mentha x piperita
Score: 1294, E-Value: 0, Identity: 1297/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTACGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGGGCTATATTTGCTAGAGAATTGGGAGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Record: 9, Identified As: *Mentha spicata*
Score: 1294, E-Value: 0, Identity: 1297/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTACGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Query	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGGGCTATATTTGCTAGAGAATTGGGAGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
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Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
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Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

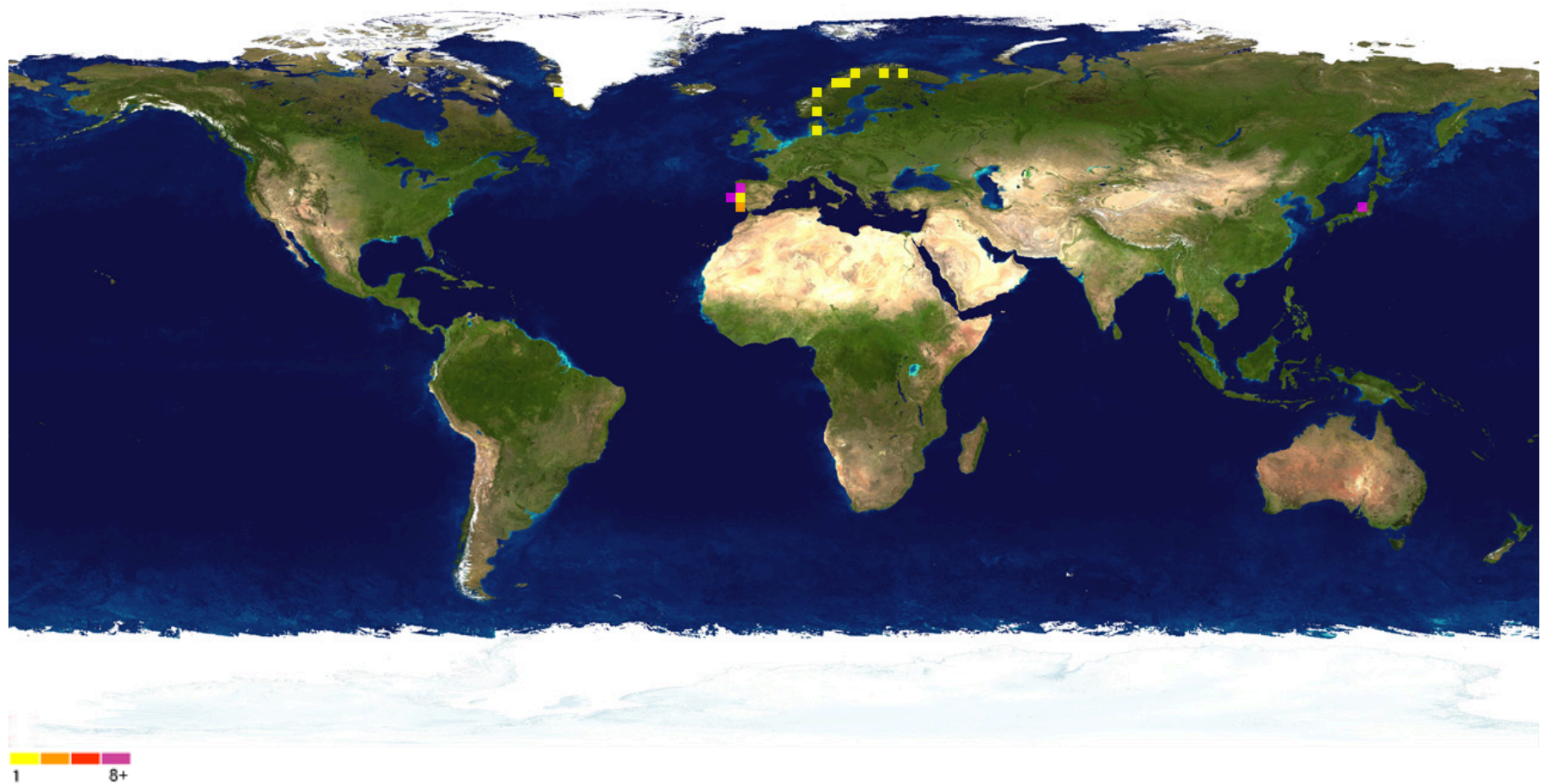
Record: 10, Identified As: *Mentha suaveolens*

Score: 1294, E-Value: 0, Identity: 1297/1300 (100%), Gaps:

Query	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Sbjct	ATGTCACCACAAACAGAGACTAAAGCAAGTGTGGGTTCAAAGCGGGTGTAAAGAGTACAAATTGACTTATTATACTCCTGAATACGAA
Query	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Sbjct	ACCAAAGATACTGATATCTTGGCAGCATTCCGAGTAACTCCTCAACCCGGAGTTCGCCTGAAGAAGCAGGGGCCGCGGTAGCTGCCGAA
Query	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Sbjct	TCTTCTACTGGTACATGGACAACGTGTGGACCGATGGACTTACCAGCCTTGATCGTTACAAAGGGCGATGCTACCACATTGAGCCCGTT
Query	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Sbjct	CCTGGAGAAAAAGATCAATATATCTGTTATGTAGCTTACCCTTTAGACCTTTTTGAAGAAGGTTCTGTTACTAACATGTTTACTTCCATT
Query	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTGCGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Sbjct	GTAGGAAATGTATTTGGATTCAAAGCCCTACGTGCTCTACGTCTGGAAGATCTGCGAATTCCTGTTGCTTATGTTAAACTTTCCAAGGC
Query	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Sbjct	CCGCCTCATGGGATCCAAGTTGAGAGAGATAAATTGAACAAGTATGGTCGTCCTCTGCTGGGATGTACTATTAAACCTAAATTGGGGTTA
Query	TCTGCTAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA
Sbjct	TCTGCTAAAACTACGGTAGAGCGGTTTATGAATGTCTTCGCGGTGGACTTGATTTTACCAAAGATGATGAGAACGTGAACTCCCAGCCA

Query	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Sbjct	TTTATGCGTTGGAGAGACCGCTTCTTATTTTGTGCCGAAGCAATTTATAAATCACAGGCTGAAACAGGTGAAATCAAAGGGCATTACTTG
Query	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGAGCTATATTTGCTAGAGAATTGGGCGTTCCTATCGTAATGCATGACTACTTA
Sbjct	AATGCTACTGCGGGTACATGCGAAGAGATGATGAAAAGGGCTATATTTGCTAGAGAATTGGGAGTTCCTATCGTAATGCATGACTACTTA
Query	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Sbjct	ACAGGAGGATTACCGCAAATACCAGTTTGGCTCATTATTGCCGAGATAATGGCTTACTTCTTCACATTCACCGTGCAATGCATGCAGTT
Query	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Sbjct	ATTGATAGACAGAAGAATCACGGTATGCACTTCCGTGTACTAGCTAAAGCGTTACGTCTGTCCGGTGGAGATCATATTTCACTCTGGTACC
Query	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Sbjct	GTAGTAGGTAAACTTGAAGGAGAGAGAGACATTACTTTAGGTTTTGTTGATTTACTGCGTGATGATTTTATTGAAAAAGACCGAAGTCGC
Query	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Sbjct	GGTATTTATTTCACTCAAGATTGGGTCTCCCTGCCGGGTGTTATTCCTGTGGCTTCAGGGGGTATTCACGTTTGGCATATGCCTGCTCTG
Query	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Sbjct	ACCGAGATCTTTGGAGACGATTCCGTACTACAGTTCGGTGGAGGAACTTTAGGACACCCTTGGGGTAATGCGCCAGGTGCCGTAGCTAAC
Query	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG
Sbjct	CGAGTAGCTGTAGAAGCGTGTGTAAAAGCTCGTAATGAAG

Sampling Sites For Top Hits (>98% Match)



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