

**Supplemental Table 1.** Standard reference material SRM herbal barcode library BOLD accession numbers.

S.No	Species name	Bold Accession Numbers	
		<i>rbcL</i>	<i>ITS</i>
1	<i>Apios americana</i>	HIMS002-12	HIMS002-12
2	<i>Baptisia australis</i>	HIMS005-12	HIMS005-12
3	<i>Genista tinctoria</i>	HIMS011-12	HIMS011-12
4	<i>Gleditsia triacanthos</i>	HIMS013-12	HIMS013-12
5	<i>Lupinus perennis</i>	HIMS022-12	HIMS022-12
6	<i>Lupinus polyphyllus</i>	HIMS030-12	HIMS030-12
7	<i>Thermopsis rhombifolia</i>	HIMS035-12	HIMS035-12
8	<i>Castanea dentata</i>	HIMS053-12	HIMS053-12
9	<i>Catalpa ovata</i>	HIMS067-12	HIMS067-12
10	<i>Silphium integrifolium</i>	HIMS1026-12	HIMS1026-12
11	<i>Symphyotrichum lanceolatum</i>	HIMS1039-12	HIMS1039-12
12	<i>Thladiantha dubia</i>	HIMS1051-12	HIMS1051-12
13	<i>Silphium laciniatum</i>	HIMS1082-12	HIMS1082-12
14	<i>Solidago squarrosa</i>	HIMS1106-12	HIMS1106-12
15	<i>Tanacetum parthenium</i>	HIMS1116-12	HIMS1116-12
16	<i>Solidago uliginosa</i>	HIMS1125-12	HIMS1125-12
17	<i>Amaranthus hybridus</i>	HIMS1145-12	HIMS1145-12
18	<i>Atriplex rosea</i>	HIMS1153-12	HIMS1153-12
19	<i>Chenopodium bonus-henricus</i>	HIMS1161-12	HIMS1161-12
20	<i>Cycloloma atriplicifolium</i>	HIMS1165-12	HIMS1165-12
21	<i>Angelica atropurpurea</i>	HIMS1300-12	HIMS1300-12
22	<i>Anthriscus sylvestris</i>	HIMS1307-12	HIMS1307-12
23	<i>Chaerophyllum procumbens</i>	HIMS1308-12	HIMS1308-12
24	<i>Conioselinum chinense</i>	HIMS1310-12	HIMS1310-12
25	<i>Conium maculatum</i>	HIMS1312-12	HIMS1312-12
26	<i>Coriandrum sativum</i>	HIMS1315-12	HIMS1315-12
27	<i>Foeniculum vulgare</i>	HIMS1320-12	HIMS1320-12
28	<i>Levisticum officinale</i>	HIMS1330-12	HIMS1330-12
29	<i>Trifolium hybridum</i>	HIMS1331-12	HIMS1331-12
30	<i>Phaseolus coccineus</i>	HIMS1335-12	HIMS1335-12
31	<i>Desmodium paniculatum</i>	HIMS1337-12	HIMS1337-12
32	<i>Chrysanthemum coccineum</i>	HIMS1348-12	HIMS1348-12
33	<i>Cirsium discolor</i>	HIMS1351-12	HIMS1351-12
34	<i>Cosmos bipinnatus</i>	HIMS1368-12	HIMS1368-12
35	<i>Eupatorium serotinum</i>	HIMS1395-12	HIMS1395-12
36	<i>Helianthus annuus</i>	HIMS1404-12	HIMS1404-12
37	<i>Helianthus nuttallii</i>	HIMS1419-12	HIMS1419-12
38	<i>Helianthus mollis</i>	HIMS1420-12	HIMS1420-12
39	<i>Ligustrum ovalifolium</i>	HIMS143-12	HIMS143-12
40	<i>Chimaphila maculata</i>	HIMS1530-12	HIMS1530-12

41	<i>Frasera caroliniensis</i>	HIMS1656-12	HIMS1656-12
42	<i>Morus rubra</i>	HIMS1668-12	HIMS1668-12
43	<i>Gentianopsis crinita</i>	HIMS1669-12	HIMS1669-12
44	<i>Sedum album</i>	HIMS1692-12	HIMS1692-12
45	<i>Galium concinnum</i>	HIMS1746-12	HIMS1746-12
46	<i>Sabatia angularis</i>	HIMS1848-12	HIMS1848-12
47	<i>Maclura pomifera</i>	HIMS1873-12	HIMS1873-12
48	<i>Centaurea erythraea</i>	HIMS1878-12	HIMS1878-12
49	<i>Plantago major</i>	HIMS2087-12	HIMS2087-12
50	<i>Trifolium pratense</i>	HIMS2089-12	HIMS2089-12
51	<i>Lathyrus pratensis</i>	HIMS2120-12	HIMS2120-12
52	<i>Trillium cernuum</i>	HIMS2173-12	HIMS2173-12
53	<i>Magnolia acuminata</i>	HIMS2182-12	HIMS2182-12
54	<i>Taraxacum officinale</i>	HIMS2199-12	HIMS2199-12
55	<i>Oenothera biennis</i>	HIMS2216-12	HIMS2216-12
56	<i>Stellaria media</i>	HIMS2236-12	HIMS2236-12
57	<i>Vicia cracca</i>	HIMS2237-12	HIMS2237-12
58	<i>Tragopogon pratensis</i>	HIMS2243-12	HIMS2243-12
59	<i>Rumex crispus</i>	HIMS2246-12	HIMS2246-12
60	<i>Medicago lupulina</i>	HIMS2250-12	HIMS2250-12
61	<i>Amaranthus retroflexus</i>	HIMS2254-12	HIMS2254-12
62	<i>Amaranthus albus</i>	HIMS2255-12	HIMS2255-12
63	<i>Sinapis arvensis</i>	HIMS2259-12	HIMS2259-12
64	<i>Campanula rapunculoides</i>	HIMS2262-12	HIMS2262-12
65	<i>Daucus carota</i>	HIMS2264-12	HIMS2264-12
66	<i>Berteroa incana</i>	HIMS2265-12	HIMS2265-12
67	<i>Potentilla norvegica</i>	HIMS2266-12	HIMS2266-12
68	<i>Saponaria officinalis</i>	HIMS2267-12	HIMS2267-12
69	<i>Chenopodium album</i>	HIMS2268-12	HIMS2268-12
70	<i>Mertensia virginica</i>	HIMS314-12	HIMS314-12
71	<i>Lepidium sativum</i>	HIMS329-12	HIMS329-12
72	<i>Daphne mezereum</i>	HIMS447-12	HIMS447-12
73	<i>Bellis perennis</i>	HIMS527-12	HIMS527-12
74	<i>Cucumis sativus</i>	HIMS774-12	HIMS774-12
75	<i>Cucurbita pepo</i>	HIMS776-12	HIMS776-12
76	<i>Campanula trachelium</i>	HIMS781-12	HIMS781-12
77	<i>Silphium perfoliatum</i>	HIMS797-12	HIMS797-12
78	<i>Ratibida columnifera</i>	HIMS798-12	HIMS798-12
79	<i>Lactuca sativa</i>	HIMS801-12	HIMS801-12
80	<i>Sicyos angulatus</i>	HIMS821-12	HIMS821-12
81	<i>Hieracium venosum</i>	HIMS841-12	HIMS841-12
82	<i>Krigia biflora</i>	HIMS855-12	HIMS855-12
83	<i>Rudbeckia laciniata</i>	HIMS887-12	HIMS887-12
84	<i>Sambucus nigra</i>	HIMS926-12	HIMS926-12

85	<i>Tradescantia virginiana</i>	HIMS953-12	HIMS953-12
86	<i>Symphyotrichum novae-angliae</i>	HIMS991-12	HIMS991-12
87	<i>Mikania scandens</i>	HIMS993-12	HIMS993-12
88	<i>Acorus calamus</i>	HIMS1241-12	HIMS1241-12
89	<i>Acorus calamus</i>	HIMS1240-12	HIMS1240-12
90	<i>Amelanchier canadensis</i>	HIMS1978-12	HIMS1978-12
91	<i>Amelanchier canadensis</i>	HIMS1765-12	HIMS1765-12
92	<i>Anemone richardsonii</i>	MKPCH308-09	MKPCH308-09
93	<i>Anemone richardsonii</i>	MKPCH232-09	MKPCH232-09
94	<i>Apium graveolens</i>	HIMS2202-12	HIMS2202-12
95	<i>Apium graveolens</i>	HIMS2212-12	HIMS2212-12
96	<i>Arctostaphylos uva-ursi</i>	PLKEN202-10	BBYUK995-12
97	<i>Arctostaphylos uva-ursi</i>	PLALG099-08	MKPCH171-09
98	<i>Arctostaphylos uva-ursi</i>	BNPNP023-08	MKPCH574-09
99	<i>Artemisia douglasiana</i>	HIMS520-12	HIMS520-12
100	<i>Artemisia douglasiana</i>	HIMS519-12	HIMS519-12
101	<i>Echinacea purpurea</i>	HIMS2204-12	HIMS2204-12
102	<i>Echinacea purpurea</i>	HIMS1383-12	WAT386-12
103	<i>Echinacea purpurea</i>	HIMS2205-12	HIMS2204-12
104	<i>Empetrum nigrum</i>	MKPCH119-09	MKPCH119-09
105	<i>Empetrum nigrum</i>	MKPCH151-09	MKPCH151-09
106	<i>Empetrum nigrum</i>	MKPCH537-09	MKPCH537-09
107	<i>Eriogonum bulbosa</i>	HIMS1318-12	HIMS1318-12
108	<i>Eriogonum bulbosa</i>	HIMS1316-12	HIMS1316-12
109	<i>Eriogonum bulbosa</i>	HIMS1317-12	HIMS1317-12
110	<i>Ginkgo biloba</i>	HIMS2207-12	HIMS2207-12
111	<i>Ginkgo biloba</i>	HIMS2200-12	HIMS2200-12
112	<i>Heracleum maximum</i>	HIMS1328-12	HIMS1328-12
113	<i>Heracleum maximum</i>	HIMS1326-12	HIMS1326-12
114	<i>Hydrastis canadensis</i>	HIMS1880-12	HIMS1880-12
115	<i>Juglans nigra</i>	HIMS2209-12	HIMS2208-12
116	<i>Juglans nigra</i>	HIMS2208-12	HIMS2206-12
117	<i>Menispermum canadense</i>	HIMS1043-12	HIMS1043-12
118	<i>Menispermum canadense</i>	HIMS1042-12	HIMS1042-12
119	<i>Menispermum canadense</i>	HIMS937-12	HIMS937-12
120	<i>Myrica gale</i>	MKPCH316-09	MKPCH316-09
121	<i>Myrica gale</i>	MKPCH437-09	MKPCH501-09
122	<i>Ribes oxyacanthoides</i>	MKPCH116-09	MKPCH116-09
123	<i>Ribes oxyacanthoides</i>	MKPCH212-09	MKPCH212-09
124	<i>Ribes oxyacanthoides</i>	MKPCH234-09	MKPCH234-09
125	<i>Rudbeckia hirta</i>	WAT102-12	WAT102-12
126	<i>Rudbeckia hirta</i>	HIMS2218-12	HIMS2218-12