



Plant species list for service projects

The following is a list of plant species for which LGC currently has an optimised extraction protocol. For all applicable service projects (e.g. genotyping, SSR conversion, GBS and SeqSNP*), LGC will accept leaf tissue material from these species as standard.

If your plant species is not listed, you can either submit extracted DNA for your project, or LGC can perform a pilot extraction project with your specific plant tissue.

Specific tissue and DNA requirements for each type of service project are outlined in the service-specific guidance notes.

1	Almond (<i>Prunus amygdalus</i>)	25	Lace leaf (<i>Anthrrium</i> sp.)
2	Apple (<i>Malus domestica</i>)	26	Lettuce (<i>Lactuca sativa</i>)
3	Apricot (<i>Prunus persica</i>)	27	Maize (<i>Zea mays</i>) (Leaves and kernal)
4	Barley (<i>Hordeum vulgare</i>) (Leaves and seeds)	28	Melon (<i>Cucurbitaceae</i>) (Leaves and seeds)
5	Bean, broad/faba (<i>Vicia faba</i>)	29	Oak (<i>Quercus</i> sp.)
6	Bean, common (<i>Phaseolus vulgaris</i>)	30	Oil palm (<i>Elaeis guineensis</i>)
7	Beet (<i>Beta vulgaris</i>)	31	Oilseed rape (<i>Brassica napus</i>)
8	Cabbage, wild (<i>Brassica oleracea</i>)	32	Onion (<i>Allium cepa</i>) (Leaves and seeds)
9	Cacao/Cocoa (<i>Theobroma cacao</i>)	33	Peach (<i>Prunus persica</i>)
10	Canola (<i>Brassica napus</i>) (Leaves and seeds)	34	Pepper (<i>Capsicum</i> sp.)
11	Carrot (<i>Daucus carota</i>)	35	Potato (<i>Solanum tuberosum</i>)
12	Cassava (<i>Manihot esculenta</i>)	36	Radish (<i>Raphanus sativus</i>)
13	Celery (<i>Apium graveolens</i>)	37	Rice (<i>Oryza sativa</i>)
14	Chickpea (<i>Cicer arietinum</i>)	38	Rubber (<i>Hevea brasiliensis</i>)
15	Chicory (<i>Cichorium intybus</i>)	39	Sesame (<i>Sesamum indicum</i>)
16	Coffee (<i>Coffea arabica</i>)	40	Snapdragon (<i>Antirrhinum majus</i>)
17	Corn salad/Lamb's lettuce (<i>Valerianella locusta</i>)	41	Sorghum (<i>Sorghum bicolor</i>)
18	Cotton (<i>Gossypium hirsutum</i> /G. <i>arboresum</i>)	42	Soybean (<i>Glycine max</i>)
19	Cowpea (<i>Vigna unguiculata</i>)	43	Spinach (<i>Spinacia oleracea</i>)
20	Cucumber (<i>Cucumis sativus</i>)	44	Sunflower (<i>Helianthus</i> sp.)
21	Eggplant/aubergine (<i>Solanum melongena</i>)	45	Thale cress (<i>Arabidopsis thaliana</i>)
22	Fennel (<i>Foeniculum vulgare</i>)	46	Tomato (<i>Solanum lycopersicum</i>) (Leaves and seeds)
23	Goat grass (<i>Aegilops sharonensis</i>)	47	Watermelon (<i>Citrullus lanatus</i>)
24	Grape vine (<i>Vitis vinifera</i>)	48	Wheat (<i>Triticum aestivum</i>) (Leaves and seeds)

* For some combinations of species and applications a pilot study may be required, our DNA extraction experts will inform you prior to the start of the project if this is advisable.

www.lgcgroup.com/genomics • genomics@lgcgroup.com

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