Table S1. **Plant genomes analyzed in this study.**

Plant species	Depository	Literature References
Actinidia chinensis	NCBI Genome	
Aegilops tauschii	Phytozome	
Aethionema arabicum	Brassica Database	
Amaranthus hypochondriacus	Phytozome	
Amborella trichopoda	Phytozome	
Ammopiptanthus nanus		(Gao et al., 2018)
Anacardium occidentale	Phytozome	
Ananas comosus	Phytozome	
Apostasia shenzhenica		(Zhang et al., 2017)
Antirrhinum majus		(Li et al., 2019)
Aquilegia coerulea	Phytozome	
Arabidopsis halleri	Phytozome	
Arabidopsis lyrata	Phytozome	
Arabidopsis thaliana	Phytozome	
Arachis duranensis		(Bertioli et al., 2015)
Arachis ipaensis		(Bertioli et al., 2015)
Arachis monticola		(Yin et al., 2018)
Artemisia annua		(Lin et al., 2017)
Artocarpus camansi		(Gardner et al., 2016)
Asparagus officinalis	Phytozome	
Atalantia buxifolia		(Wang et al., 2017)
Avicennia marina		http://evolution.sysu.edu.cn/Sequences.html
Azolla filiculoides		(Li et al., 2018)
Barbarea vulgaris		(Byrne et al., 2017)
Beta vulgaris	Phytozome	
Dorcoceras hygrometricum		(Xiao et al., 2015)
Bombax ceiba		(Gao et al., 2018)
Boechera retrofracta		(Kliver et al., 2018)
Boechera stricta	Phytozome	
Boehmeria nivea		(Luan et al., 2018)
Brachypodium distachyon	Phytozome	
Brachypodium hybridum	Phytozome	
Brachypodium stacei	Phytozome	
Brachypodium sylvaticum	Phytozome	
Brassica napus	Brassica Database	

Brassica oleracea	Brassica Database	
Brassica rapa	Brassica Database	
Cajanus cajan		(Varshney et al., 2012)
Calamus jenkinsianus		(Zhao et al., 2018)
Calamus simplicifolius		(Zhao et al., 2018)
Calotropis gigantea		(Hoopes et al., 2018)
Camelina sativa	Brassica Database	
Camellia sinensis		(Wei et al., 2018)
Camptotheca acuminata		(Zhao et al., 2017)
Cannabis sativa		(van Bakel et al., 2011)
Capsella grandiflora		(Slotte et al., 2013)
Capsella rubella	Brassica Database	
Capsicum annuum		(Kim et al., 2014)
Capsicum baccatum		(Kim et al., 2017)
Capsicum chinense		(Kim et al., 2017)
Cardamine hirsuta		(Gan et al., 2016)
Carica papaya	Phytozome	
Castanea mollissima	HWG	
Catharanthus roseus		(Kellner et al., 2015)
Cephalotus follicularis		(Fukushima et al., 2017)
Chenopodium quinoa	Phytozome	
Chrysanthemum indicum		(Song et al., 2018)
Cicer arietinum	Phytozome	
Cicer reticulatum		(Gupta et al., 2016)
Cinnamomum micranthum	NCBI Genome	
Citrullus lanatus		(Guo et al., 2013)
Citrus clementina	Phytozome	
Citrus maxima	Citrus Genome Database	
Citrus cavaleriei	Citrus Genome Database	
Citrus medica	Citrus Genome Database	
Citrus reticulata		(Wang et al., 2018)
Citrus sinensis	Phytozome	
Citrus unshiu		(Shimizu et al., 2017)
Cocos nucifera		(Xiao et al., 2017)
Coffea arabica	NCBI Genome	
Coffea canephora	Phytozome	
Corchorus capsularis	Phytozome	

Corchorus olitorius		(Sarkar et al., 2017)
Cucumis melo	CuGenDB	
Cucumis sativus	Phytozome	
Cucurbita pepo	CuGenDB	
Cynara cardunculus		(Scaglione et al., 2016)
Daucus carota	Phytozome	
Dendrobium officinale		(Yan et al., 2015)
Dianthus caryophyllus		(Yagi et al., 2013)
Dichanthelium oligosanthes		(Studer et al., 2016)
Dioscorea rotundata	Phytozome	
Durio zibethinus		(Teh et al., 2017)
Echinochloa crus-galli		(Guo et al., 2017)
Elaeis guineensis		(Jin et al., 2016)
Eragrostis tef		(Cannarozzi et al., 2014)
Erigeron breviscapus		(Yang et al., 2017)
Eschscholzia californica		(Hori et al., 2017)
Eucalyptus camaldulensis	NCBI Genome	
Eucalyptus grandis	Phytozome	
Eutrema salsugineum	Brassica Database	
Fagopyrum esculentum	NCBI Genome	
Fagopyrum tataricum	NCBI Genome	
Fagus sylvatica	NCBI Genome	
Faidherbia albida		(Chang et al., 2018)
Fragaria vesca	Phytozome	
Fraxinus excelsior	NCBI Genome	
Genlisea aurea	NCBI Genome	
Ginkgo biloba		(Guan et al., 2016)
Glycine max	Phytozome	
Glycine soja		(Qi et al., 2014)
Glycyrrhiza uralensis		(Mochida et al., 2017)
Gnetum montanum		(Wan et al., 2018)
Gossypium arboreum	NCBI Genome	
Gossypium barbadense	NCBI Genome	
Gossypium hirsutum	Phytozome	
Gossypium raimondii	Phytozome	
Handroanthus impetiginosus	NCBI Genome	
Helianthus annuus	Phytozome	

Hevea brasiliensis	NCBI Genome	
Hordeum vulgare	Phytozome	
Humulus lupulus	NCBI Genome	
Ipomoea batatas	NCBI Genome	
Ipomoea nil	NCBI Genome	
Ipomoea trifida	NCBI Genome	
Jatropha curcas	NCBI Genome	
Juglans regia	NCBI Genome	
Kalanchoe fedtschenkoi	Phytozome	
Kalanchoe laxiflora	Phytozome	
Lablab purpureus		(Chang et al., 2018)
Lactuca sativa	Phytozome	
Lagenaria siceraria	CuGenDB	
Leavenworthia alabamica	Brassica Database	
Leersia perrieri	Phytozome	
Linum usitatissimum	Phytozome	
Liriodendron chinense	NCBI Genome	
Lolium perenne	NCBI Genome	
Lotus japonicus	Phytozome	
Lupinus angustifolius	Phytozome	
Macleaya cordata	NCBI Genome	
Malania oleifera		(Xu et al., 2019)
Malus domestica	Phytozome	
Manihot esculenta	Phytozome	
Marchantia polymorpha	Phytozome	
Medicago truncatula	Phytozome	
Erythranthe guttata	NCBI Genome	
Miscanthus sinensis	Phytozome	
Momordica charantia	NCBI Genome	
Moringa oleifera		(Chang et al., 2018)
Morus notabilis	NCBI Genome	
Musa itinerans	NCBI Genome	
Musa acuminata	Phytozome	
Musa balbisiana		(Davey et al., 2013)
Musa schizocarpa	NCBI Genome	
Nelumbo nucifera	NCBI Genome	
Nicotiana attenuata	Phytozome	
Nicotiana benthamiana	NCBI Genome	
Nicotiana obtusifolia	NCBI Genome	

Nicotiana sylvestris	NCBI Genome	
Nicotiana tabacum	NCBI Genome	
Nicotiana tomentosiformis	NCBI Genome	
Ocimum tenuiflorum	NCBI Genome	
Olea europaea	Phytozome	
Oropetium thomaeum	Phytozome	
Oryza barthii	Phytozome	
Oryza brachyantha	Phytozome	
Oryza glaberrima	Phytozome	
Oryza longistaminata	Phytozome	
Oryza meridionalis	Phytozome	
Oryza sativa f. spontanea	Phytozome	
Oryza meyeriana var. granulata		(Wu et al., 2018)
Oryza punctata	Phytozome	
Oryza rufipogon	Phytozome	
Oryza sativa	Phytozome	
Panax ginseng		(Kim et al., 2018)
Panicum hallii	Phytozome	
Panicum virgatum	Phytozome	
Parasponia andersonii	NCBI Genome	
Cenchrus americanus	NCBI Genome	
Petunia axillaris		(Bombarely et al., 2016)
Petunia integrifolia subsp. inflata		(Bombarely et al., 2016)
Phalaenopsis aphrodite	NCBI Genome	
Phalaenopsis equestris	NCBI Genome	
Phaseolus vulgaris	Phytozome	
Phoenix dactylifera	NCBI Genome	
Phyllostachys edulis		(Fei et al., 2018)
Physcomitrella patens	Phytozome	
Picea abies	NCBI Genome	
Pinus lambertiana	NCBI Genome	
Pinus taeda	NCBI Genome	
Pogostemon cablin	NCBI Genome	
Populus deltoides	Phytozome	
Populus euphratica	NCBI Genome	
Populus pruinosa		(Wang et al., 2017)
Populus tremula		(Lin et al., 2018)

Populus tremuloides		(Lin et al., 2018)
Populus trichocarpa	Phytozome	
Potentilla micrantha		(Giongo et al., 2017)
Primula veris	NCBI Genome	
Primula vulgaris	NCBI Genome	
Prunus avium	NCBI Genome	
Prunus mume	NCBI Genome	
Prunus persica	Phytozome	
Pseudotsuga menziesii	NCBI Genome	
Punica granatum	NCBI Genome	
Pyrus x bretschneideri	NCBI Genome	
Pyrus communis		(Chagné et al., 2014)
Quercus lobata	NCBI Genome	
Quercus robur	NCBI Genome	
Quercus suber	NCBI Genome	
Raphanus raphanistrum	NCBI Genome	
Raphanus sativus	NCBI Genome	
Rhizophora apiculata		http://evolution.sysu.edu.cn/Sequences.html
Rhododendron delavayi		(Yan et al., 2017)
Ricinus communis	Phytozome	
Rosa chinensis	NCBI Genome	
Rosa multiflora	NCBI Genome	
Rubus occidentalis		(Wai et al., 2018)
Saccharum spontaneum	NCBI Genome	
Salix purpurea	Phytozome	
Salvia miltiorrhiza		(Zhang et al., 2015)
Salvia splendens		(Dong et al., 2018)
Salvinia cucullata		(Li et al., 2018)
Schrenkiella parvula	Brassica Database	
Sclerocarya birrea		(Chang et al., 2018)
Secale cereale	NCBI Genome	
Selaginella moellendorffii	Phytozome	
Sesamum indicum	NCBI Genome	
Setaria italica	Phytozome	
Setaria viridis	Phytozome	
Siraitia grosvenorii		(Xia et al., 2018)
Sisymbrium irio	Brassica Database	
Solanum lycopersicum	Phytozome	
Solanum melongena	NCBI Genome	

Solanum pennellii	NCBI Genome	
Solanum pimpinellifolium	NCBI Genome	
Solanum tuberosum	Phytozome	
Sonneratia alba		http://evolution.sysu.edu.cn/Sequences.html
Sonneratia caseolaris		http://evolution.sysu.edu.cn/Sequences.html
Sorghum bicolor	Phytozome	
Sphagnum fallax	Phytozome	
Spinacia oleracea	NCBI Genome	
Spirodela polyrhiza	Phytozome	
Taraxacum kok-saghyz		(Lin et al., 2017)
Tarenaya hassleriana	NCBI Genome	
Tectona grandis		(Zhao et al., 2019)
Theobroma cacao	Phytozome	
Thinopyrum intermedium	Phytozome	
Thlaspi arvense		(Dorn et al., 2015)
Trema orientale		(van Velzen et al., 2018)
Trifolium pratense	Phytozome	
Trifolium subterraneum		(Hirakawa et al., 2016)
Triticum aestivum	Phytozome	
Triticum turgidum		(Avni et al., 2017)
Triticum urartu	Phytozome	
Utricularia gibba		(Ibarra-Laclette et al., 2013)
Vaccinium corymbosum		(Gupta et al., 2015)
Vigna angularis		(Kang et al., 2015)
Vigna radiata		(Kang et al., 2014)
Vigna subterranea		(Chang et al., 2018)
Vigna unguiculata	Phytozome	
Vitis vinifera	Phytozome	
Zea mays	Phytozome	
Zizania latifolia		(Guo et al., 2015)
Ziziphus jujuba		(Liu et al., 2014)
Zostera marina	Phytozome	
Zostera muelleri		(Lee et al., 2016)
Zoysia japonica		(Tanaka et al., 2016)
Zoysia matrella		(Tanaka et al., 2016)
Zoysia pacifica		(Tanaka et al., 2016)

Table S2. Number of putative *GA2ox* genes in flowering plants.

Plant species	Total number of *GA2ox* genes	C_{19}-GA2ox number	C_{20}-GA2ox number
Actinidia chinensis	14	10	4
Aegilops tauschii	3	1	2
Aethionema arabicum	5	5	0
Amaranthus hypochondriacus	5	3	2
Amborella trichopoda	2	1	1
Ammopiptanthus nanus	10	7	3
Anacardium occidentale	16	11	5
Ananas comosus	7	4	3
Apostasia shenzhenica	7	6	1
Antirrhinum majus	13	7	6
Aquilegia coerulea	8	5	3
Arabidopsis halleri	5	4	1
Arabidopsis lyrata	8	6	2
Arabidopsis thaliana	8	5	3
Arachis duranensis	9	7	2
Arachis ipaensis	10	7	3
Arachis monticola	15	11	4
Artemisia annua	11	7	4
Artocarpus camansi	4	2	2
Asparagus officinalis	6	4	2
Atalantia buxifolia	17	5	12
Avicennia marina	12	9	3
Barbarea vulgaris	4	3	1
Beta vulgaris	3	2	1
Dorcoceras hygrometricum	5	5	0
Bombax ceiba	18	13	5
Boechera retrofracta	8	6	2
Boechera stricta	8	6	2
Boehmeria nivea	6	2	4
Brachypodium distachyon	17	13	4
Brachypodium hybridum	24	16	8
Brachypodium stacei	10	7	3
Brachypodium sylvaticum	9	6	3
Brassica napus	26	22	4
Brassica oleracea	14	10	4

Brassica rapa	14	11	3
Cajanus cajan	15	9	6
Calamus jenkinsianus	10	8	2
Calamus simplicifolius	7	6	1
Calotropis gigantea	5	4	1
Camelina sativa	18	15	3
Camellia sinensis	6	4	2
Camptotheca acuminata	13	8	5
Cannabis sativa	7	4	3
Capsella grandiflora	7	6	1
Capsella rubella	8	6	2
Capsicum annuum	11	6	5
Capsicum baccatum	8	5	3
Capsicum chinense	10	7	3
Cardamine hirsuta	7	5	2
Carica papaya	5	4	1
Castanea mollissima	8	5	3
Catharanthus roseus	4	3	1
Cephalotus follicularis	4	3	1
Chenopodium quinoa	4	3	1
Chrysanthemum indicum	10	6	4
Cicer arietinum	9	5	4
Cicer reticulatum	7	5	2
Cinnamomum micranthum	10	7	3
Citrullus lanatus	8	5	3
Citrus clementina	8	4	4
Citrus maxima	8	4	4
Citrus cavaleriei	12	5	7
Citrus medica	8	4	4
Citrus reticulata	7	4	3
Citrus sinensis	10	4	6
Citrus unshiu	9	4	5
Cocos nucifera	8	6	2
Coffea arabica	14	6	8
Coffea canephora	6	4	2
Corchorus capsularis	5	4	1
Corchorus olitorius	8	4	4
Cucumis melo	8	5	3
Cucumis sativus	6	3	3

Cucurbita pepo	15	10	5
Cynara cardunculus	13	7	6
Daucus carota	20	13	7
Dendrobium officinale	10	6	4
Dianthus caryophyllus	2	2	0
Dichanthelium oligosanthes	10	7	3
Dioscorea rotundata	5	2	3
Durio zibethinus	17	11	6
Echinochloa crus-galli	18	13	5
Elaeis guineensis	9	5	4
Eragrostis tef	5	4	1
Erigeron breviscapus	5	3	2
Eschscholzia californica	2	2	0
Eucalyptus camaldulensis	4	3	1
Eucalyptus grandis	6	4	2
Eutrema salsugineum	8	6	2
Fagopyrum esculentum	7	6	1
Fagopyrum tataricum	5	4	1
Fagus sylvatica	8	5	3
Faidherbia albida	12	8	4
Fragaria vesca	5	4	1
Fraxinus excelsior	22	18	4
Genlisea aurea	6	5	1
Glycine max	33	19	15
Glycine soja	22	13	9
Glycyrrhiza uralensis	9	7	2
Gossypium arboreum	16	11	5
Gossypium barbadense	42	27	15
Gossypium hirsutum	32	19	13
Gossypium raimondii	22	15	7
Handroanthus impetiginosus	10	7	3
Helianthus annuus	11	8	3
Hevea brasiliensis	15	8	7
Hordeum vulgare	23	19	4
Humulus lupulus	2	2	0
Ipomoea batatas	6	3	3
Ipomoea nil	11	8	3
Ipomoea trifida	6	5	1
Jatropha curcas	7	3	4

Juglans regia	18	7	11
Kalanchoe fedtschenkoi	9	6	3
Kalanchoe laxiflora	14	8	6
Lablab purpureus	10	6	4
Lactuca sativa	12	8	4
Lagenaria siceraria	7	4	3
Leavenworthia alabamica	10	9	1
Leersia perrieri	11	7	4
Linum usitatissimum	11	4	7
Liriodendron chinense	3	2	1
Lolium perenne	9	7	2
Lotus japonicus	5	4	1
Lupinus angustifolius	5	4	1
Macleaya cordata	4	2	2
Malania oleifera	6	4	2
Malus domestica	12	9	3
Manihot esculenta	12	7	5
Medicago truncatula	14	8	6
Erythranthe guttata	11	8	3
Miscanthus sinensis	19	13	6
Momordica charantia	8	4	4
Moringa oleifera	6	4	2
Morus notabilis	7	4	3
Musa itinerans	12	8	4
Musa acuminata	13	8	5
Musa balbisiana	13	8	5
Musa schizocarpa	11	8	3
Nelumbo nucifera	8	4	4
Nicotiana attenuata	8	5	3
Nicotiana benthamiana	19	14	5
Nicotiana obtusifolia	8	5	3
Nicotiana sylvestris	12	9	3
Nicotiana tabacum	19	14	5
Nicotiana tomentosiformis	11	7	4
Ocimum tenuiflorum	9	8	1
Olea europaea	19	13	6
Oropetium thomaeum	6	4	2
Oryza barthii	4	2	2
Oryza brachyantha	6	3	3

Oryza glaberrima	7	4	3
Oryza longistaminata	4	3	1
Oryza meridionalis	10	8	2
Oryza meyeriana var. granulata	10	7	3
Oryza punctata	9	6	3
Oryza rufipogon	9	6	3
Oryza sativa	9	5	4
Oryza sativa f. spontanea	10	7	3
Panax ginseng	12	6	6
Panicum hallii	11	8	3
Panicum virgatum	18	12	6
Parasponia andersonii	7	4	3
Cenchrus americanus	2	1	1
Petunia axillaris	10	8	2
Petunia integrifolia subsp. inflata	9	7	2
Phalaenopsis aphrodite	8	5	3
Phalaenopsis equestris	10	5	5
Phaseolus vulgaris	13	8	5
Phoenix dactylifera	10	7	3
Phyllostachys edulis	5	4	1
Pogostemon cablin	0	0	0
Populus deltoides	19	9	10
Populus euphratica	24	7	17
Populus pruinosa	14	6	8
Populus tremula	26	11	15
Populus tremuloides	14	9	5
Populus trichocarpa	21	10	11
Potentilla micrantha	6	4	2
Primula veris	5	3	2
Primula vulgaris	6	4	2
Prunus avium	14	5	9
Prunus mume	8	4	4
Prunus persica	12	4	8
Punica granatum	7	4	3
Pyrus x bretschneideri	20	9	11
Pyrus communis	11	7	4
Quercus lobata	8	3	5
Quercus robur	5	4	1

Quercus suber	8	4	4
Raphanus raphanistrum	11	8	3
Raphanus sativus	11	10	1
Rhizophora apiculata	9	5	4
Rhododendron delavayi	5	4	1
Ricinus communis	7	3	4
Rosa chinensis	7	4	3
Rosa multiflora	8	4	4
Rubus occidentalis	7	4	3
Saccharum spontaneum	11	7	4
Salix purpurea	16	10	6
Salvia miltiorrhiza	3	2	1
Salvia splendens	24	16	8
Schrenkiella parvula	7	6	1
Sclerocarya birrea	7	5	2
Secale cereale	4	2	2
Sesamum indicum	9	6	3
Setaria italica	18	10	8
Setaria viridis	13	11	2
Siraitia grosvenorii	9	6	3
Sisymbrium irio	5	4	1
Solanum lycopersicum	10	7	3
Solanum melongena	10	8	2
Solanum pennellii	15	10	5
Solanum pimpinellifolium	10	7	3
Solanum tuberosum	16	11	5
Sonneratia alba	14	11	3
Sonneratia caseolaris	14	11	3
Sorghum bicolor	12	9	3
Spinacia oleracea	9	2	7
Spirodela polyrhiza	5	3	2
Taraxacum kok-saghyz	3	3	0
Tarenaya hassleriana	8	5	3
Tectona grandis	12	8	4
Theobroma cacao	11	5	6
Thinopyrum intermedium	66	37	19
Thlaspi arvense	7	5	2
Trema orientale	7	4	3
Trifolium pratense	11	6	5

Trifolium subterraneum	5	5	0
Triticum aestivum	17	9	8
Triticum turgidum	33	20	13
Triticum urartu	4	1	3
Utricularia gibba	6	6	0
Vaccinium corymbosum	4	3	1
Vigna angularis	11	7	4
Vigna radiata	13	8	5
Vigna subterranea	12	7	5
Vigna unguiculata	14	9	5
Vitis vinifera	8	5	3
Zea mays	12	9	3
Zizania latifolia	10	7	3
Ziziphus jujuba	8	4	4
Zostera marina	4	3	1
Zostera muelleri	0	0	0
Zoysia japonica	10	6	4
Zoysia matrella	15	8	7
Zoysia pacifica	12	7	5

Table S3. Full-length *SABATH* genes in *Brachypodium distachyon*.

Gene name	Gene ID
BdSABATH1	*Bradi1g44620*
BdSABATH2	*Bradi1g43080*
BdSABATH3	*Bradi1g42760.1*
BdSABATH4	*Bradi2g47550*
BdSABATH5	*Bradi2g60180*
BdSABATH6	*Bradi2g60170.1*
BdSABATH7	*Bradi3g05550*
BdSABATH8	*Bradi3g57790*
BdSABATH9	*Bradi4g16077*
BdSABATH10	*Bradi4g16110*

Table S4. Selected *GA2ox* genes for HMM profile construction.

Gene Name	Class
AtGA2ox1	C19
AtGA2ox2	C19
AtGA2ox3	C19
AtGA2ox4	C19
AtGA2ox6	C19
AtGA2ox7	C20
AtGA2ox8	C20
OsGA2ox1	C19
OsGA2ox3	C19
OsGA2ox4	C19
OsGA2ox5	C20
OsGA2ox6	C20
OsGA2ox7	C19
OsGA2ox8	C19
OsGA2ox9	C20
SoGA2ox1	C19
SoGA2ox2	C19
SoGA2ox3	C20
CmGA2ox	C19
LsGA2ox1	C19
NtGA2ox1	C19
NtGA2ox3	C19
NtGA2ox5	C19
PcGA2ox1	C19
PaGA2ox1	C19
PsGA2ox1	C19
PsGA2ox2	C19

At: *Arabidopsis thaliana*; *Os*: *Oryza sativa*; *So*: *Spinacia oleracea*; *Cm*: *Cucurbita maxima*; *Ls*: *Lactuca sativa*; *Nt*: *Nicotiana sylvestris*; *Pc*: *Phaseolus coccineus*; *Pa*: *Populus alba*; *Ps*: *Pisum sativum*.

Table S5. Primers used in this study.

Gene name and ID	Primers	Sequence (5'→3')
GbGAMT1	Gb1-F	ATGGATTGCTCGACTAGCGTGGTGTCA
(Gb_37441)	Gb1-R	CTATTTTCTGACAGCAAACACAACAATAACGCCA
GbGAMT2	Gb2-F	ATGGATGGTCCTACCATAGCTGCATC
(Gb_37750)	Gb2-R	TTATTCCTCAGCAAATCTGGTCATTACATC
BrGAMT1	Br1-F	ATGGATTCTTCTCGGAGCCTC
(Bra026440)	Br1-R	TCAAACCCTAATCGCTGAGACAG
BrGAMT2	Br2-F	ATGGAGTCACCAAGTCTTCCAGTAAC
(Bra028937)	Br2-R	TCATTCAATTCGGATGGCAGA
(BrGAMT3)	Br3-F	ATGCAAGGCGGAGACGGTGACGTCAG
(Bra010433)	Br3-R	TTAATACCAAACCCGAATCGCTGAAAC

Gb: *Ginkgo biloba*; *Br*: *Brassica rapa*.

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