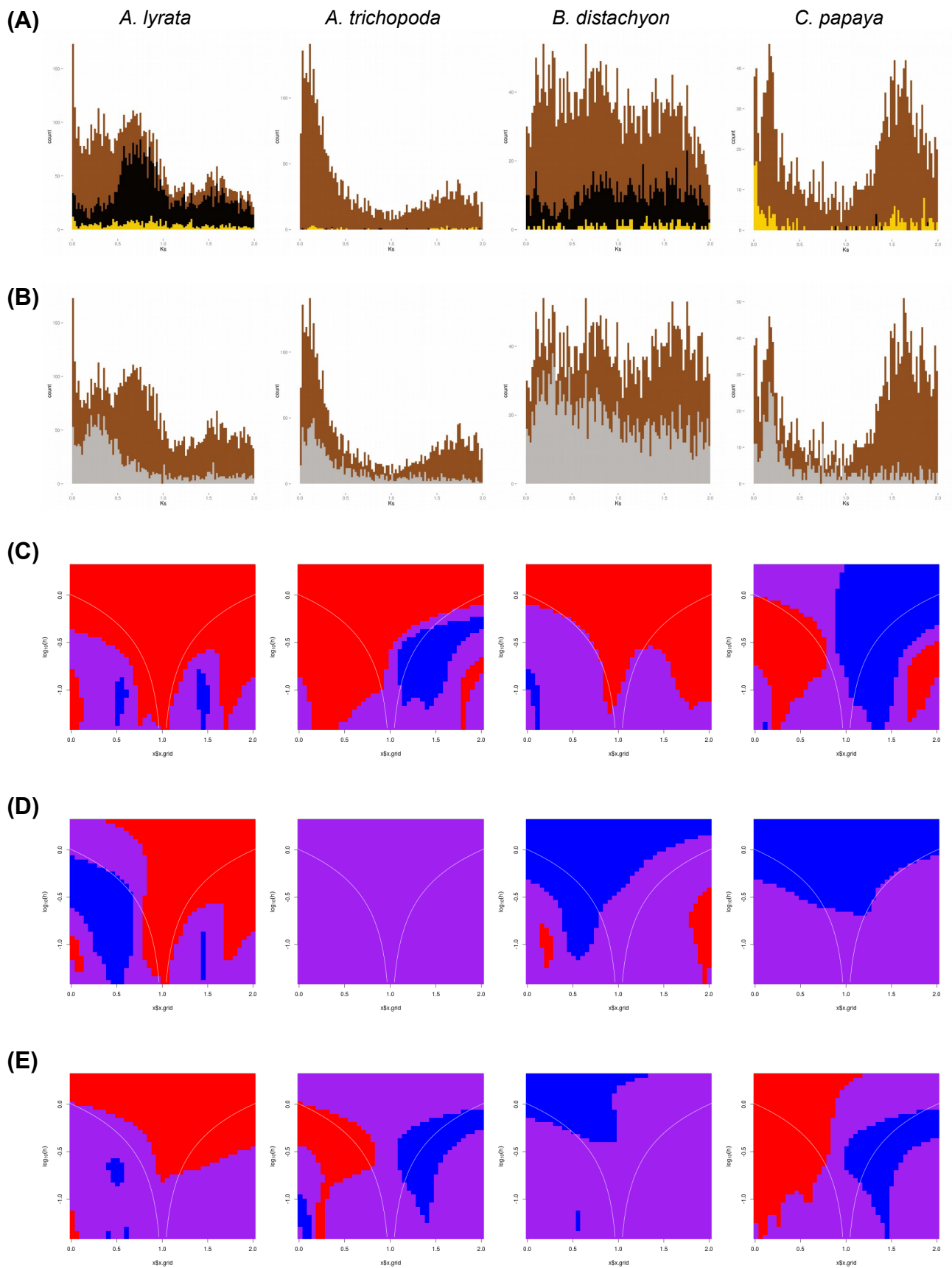
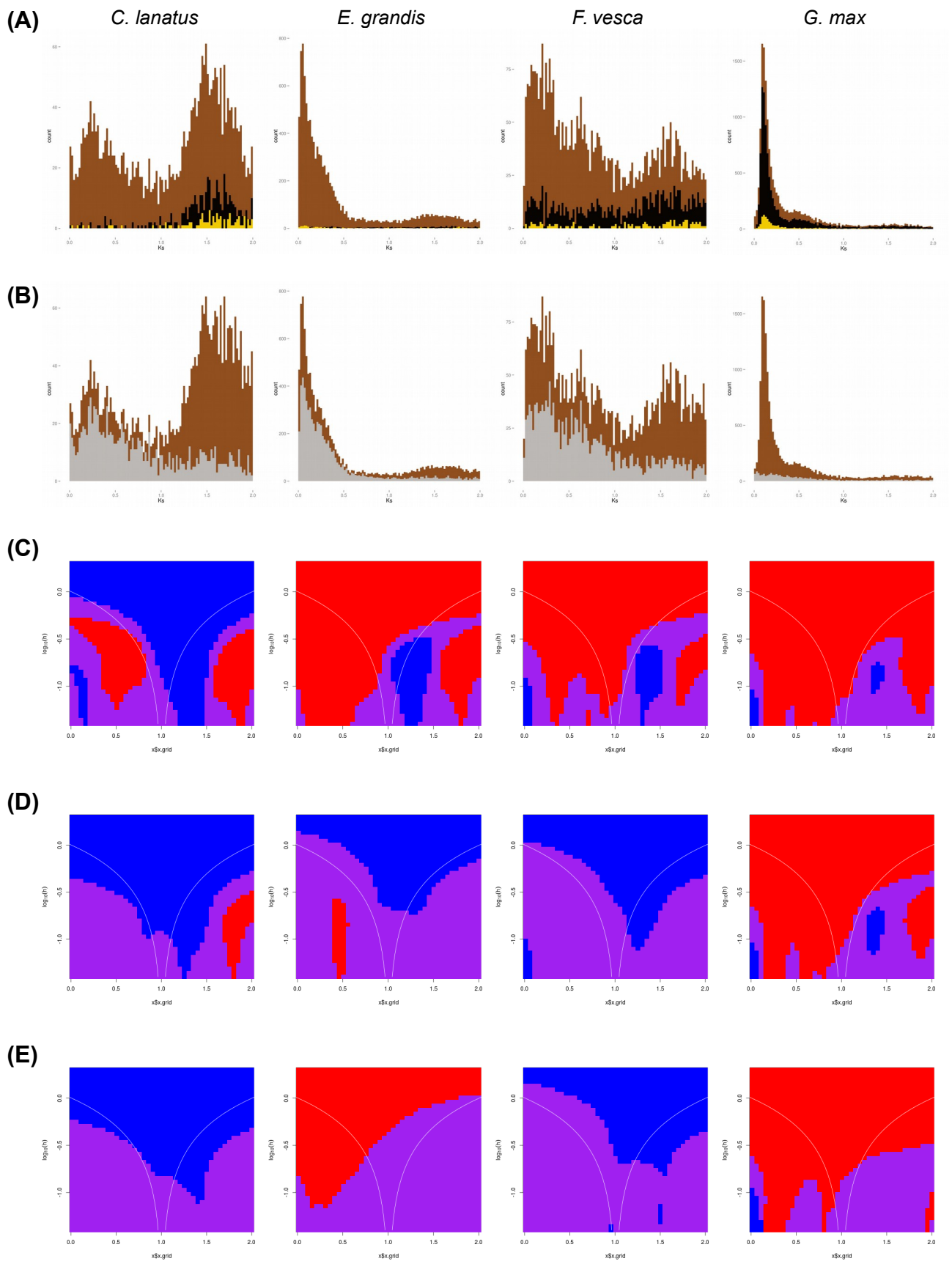
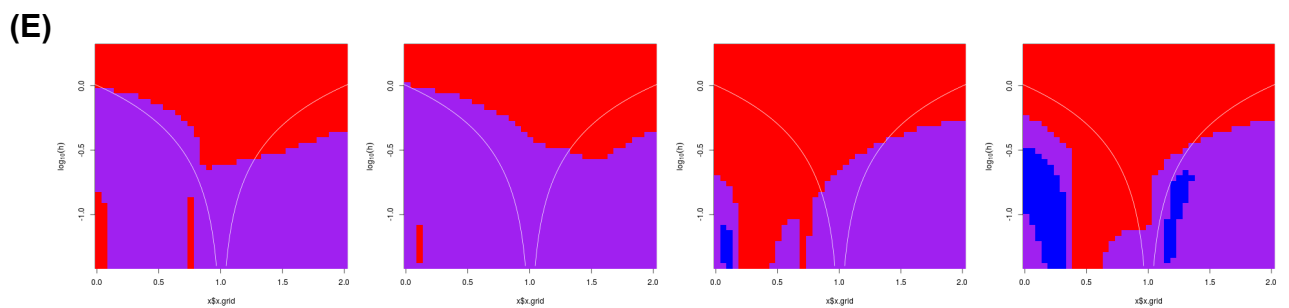
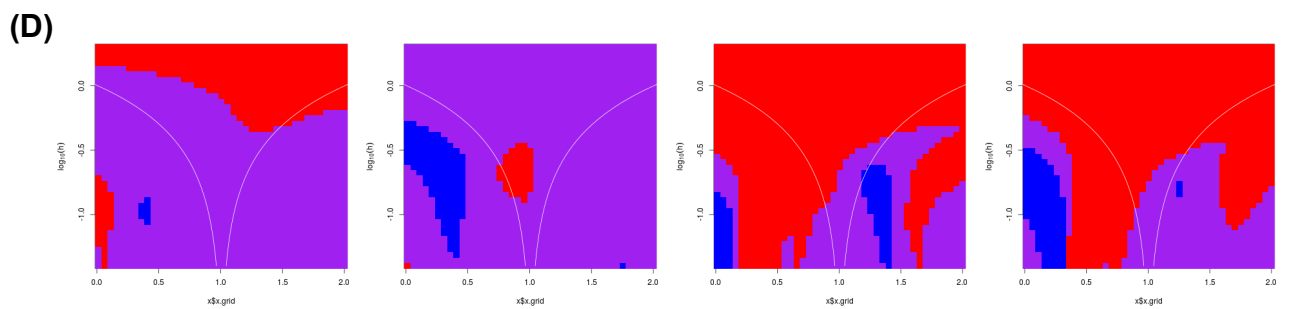
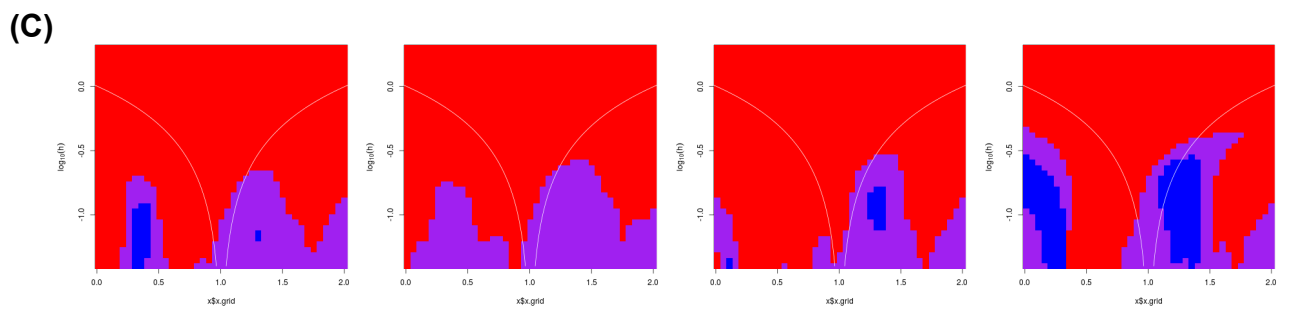
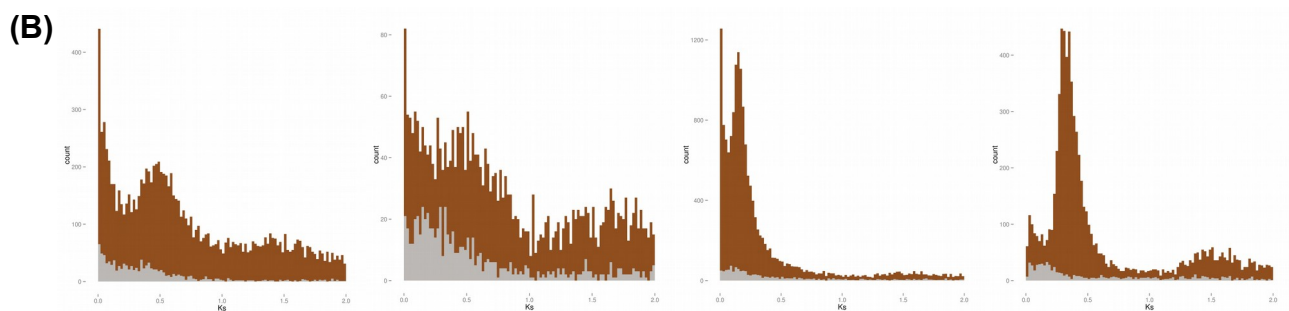
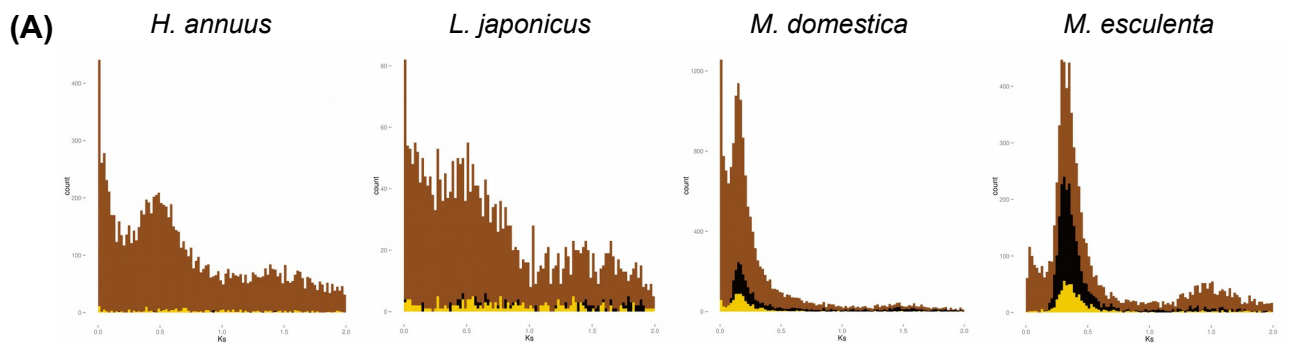
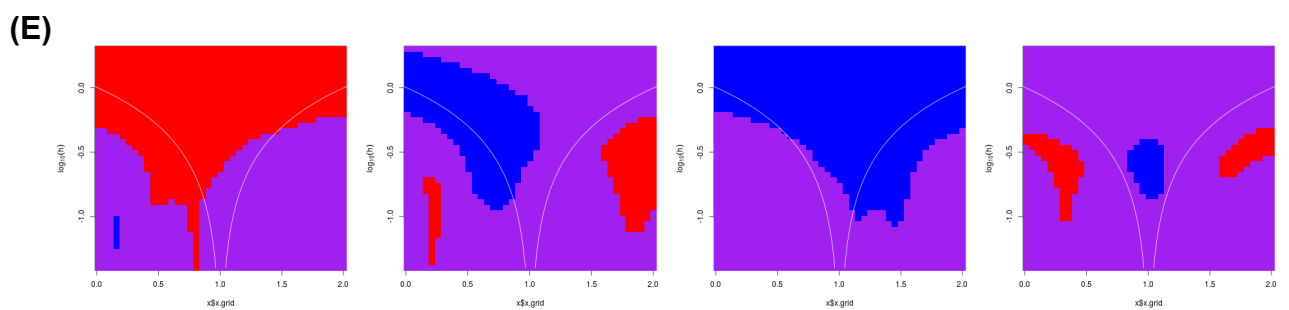
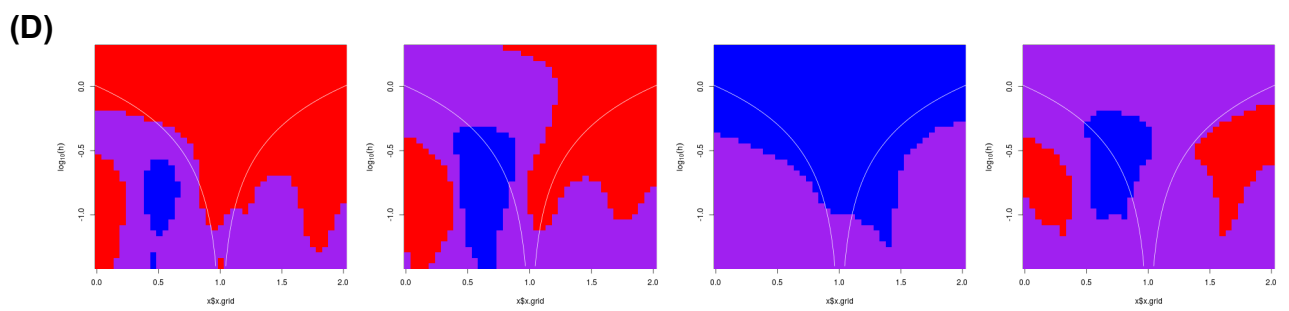
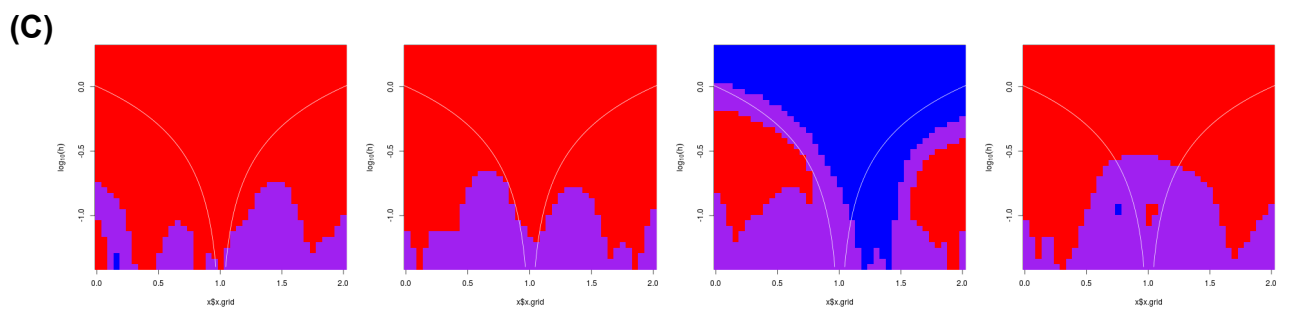
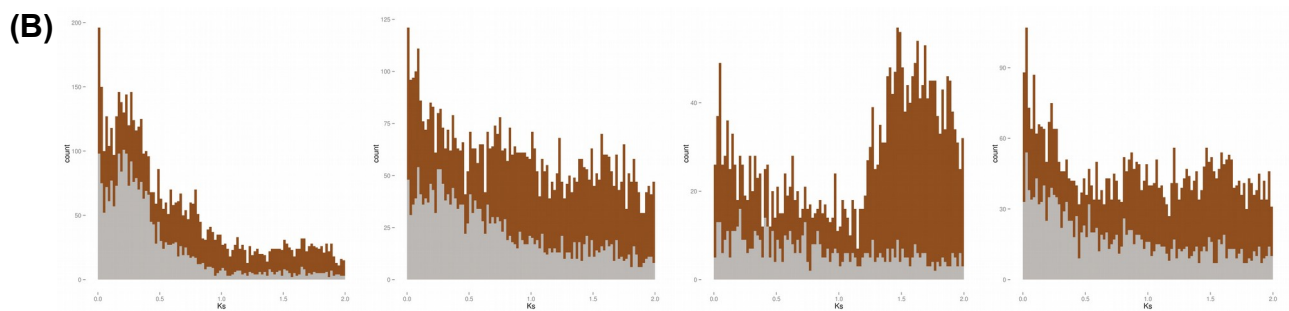
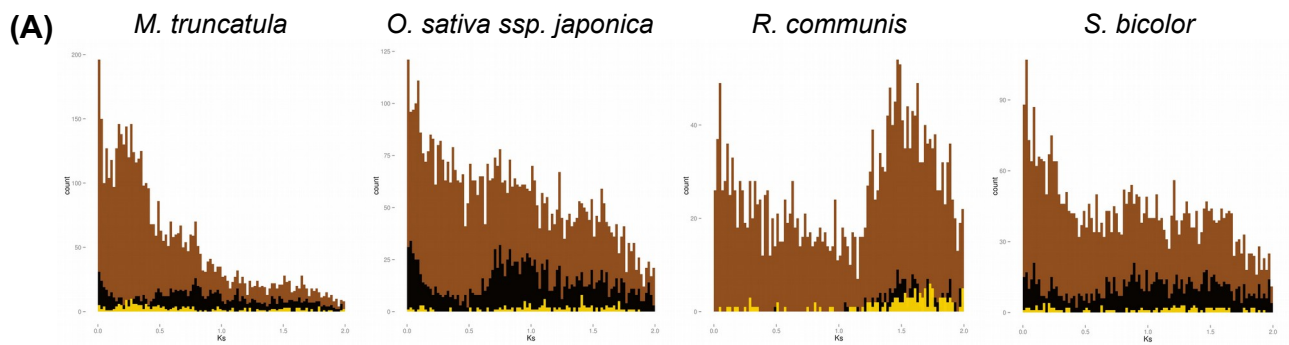


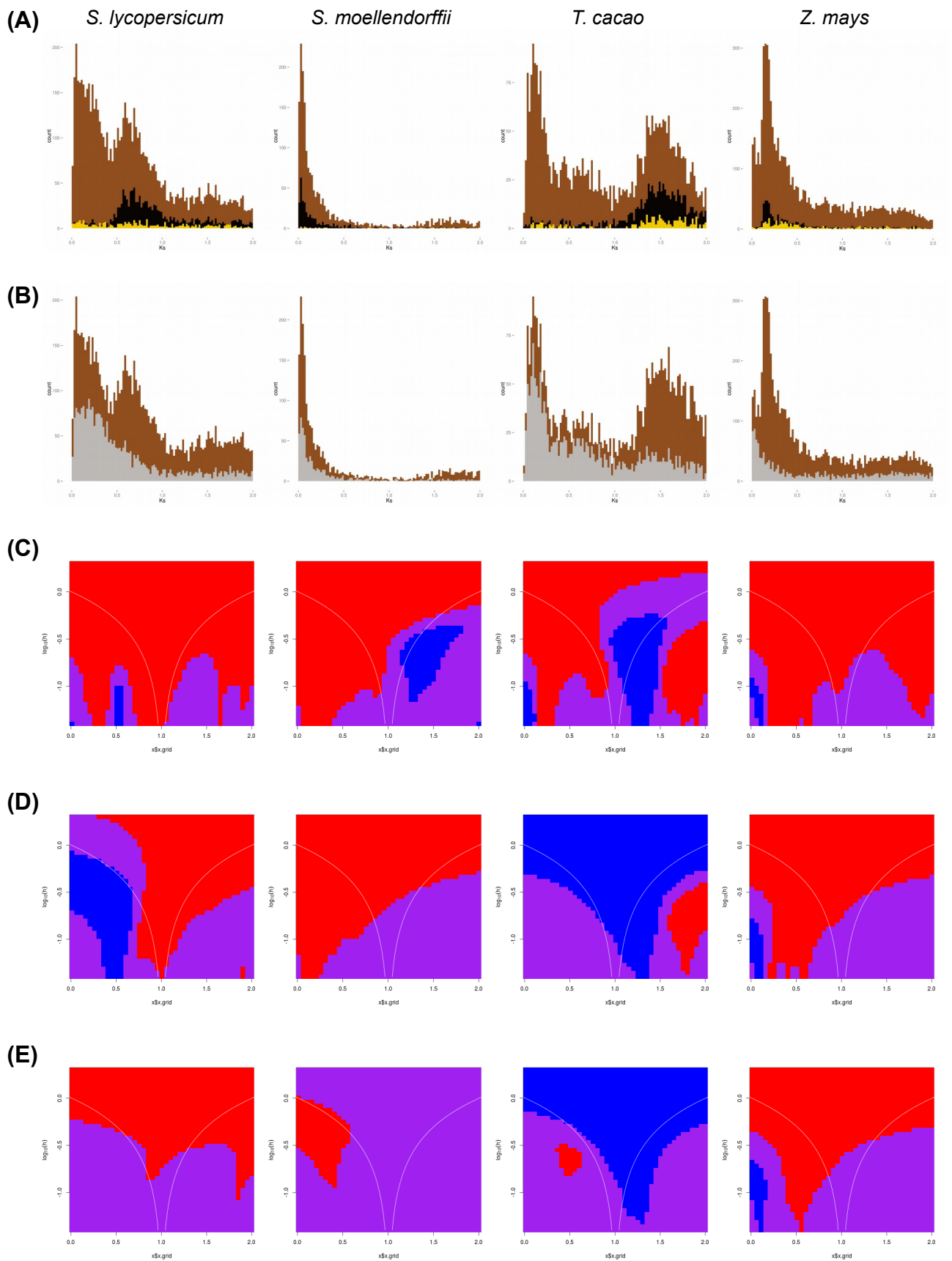
Additional Files



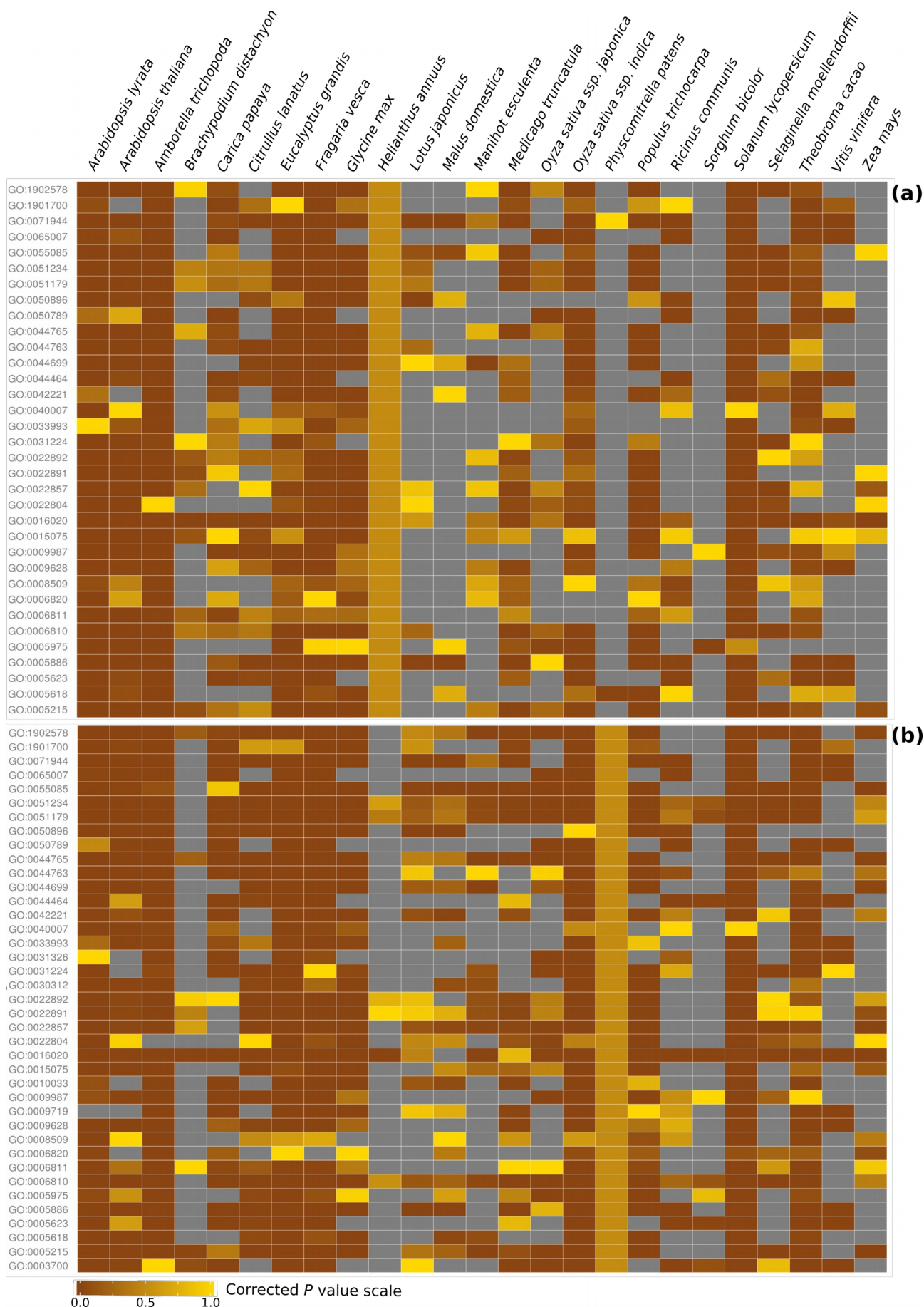








Additional Figure 1



Additional Figure 2

Additional Table 1

Specie	D	Pvalue
<i>Arabidopsis lyrata</i>	0.0228	0.0010
<i>Arabidopsis thaliana</i>	0.0228	0.0012
<i>Amborella trichopoda</i>	0.0228	0.0266
<i>Brachypodium distachyon</i>	0.0228	0.0172
<i>Carica papaya</i>	0.0228	0.1102
<i>Citrullus lanatus</i>	0.0228	0.0399
<i>Eucalyptus grandis</i>	0.0228	0.0000
<i>Fragaria vesca</i>	0.0228	0.0127
<i>Glycine max</i>	0.0741	0.0000
<i>Helianthus annuus</i>	0.0227	0.0000
<i>Lotus japonicus</i>	0.0229	0.0483
<i>Malus domestica</i>	0.1393	0.0000
<i>Manihot esculenta</i>	0.0228	0.0005
<i>Medicago truncatula</i>	0.0228	0.0038
<i>Oryza sativa ssp. indica</i>	0.0228	0.0001
<i>Oryza sativa ssp. japonica</i>	0.0228	0.0019
<i>Physcomitrella patens</i>	0.0228	0.0159
<i>Populus trichocarpa</i>	0.0731	0.0000
<i>Ricinus communis</i>	0.0228	0.0535
<i>Sorghum bicolor</i>	0.0228	0.0081
<i>Solanum lycopersicum</i>	0.0228	0.0004
<i>Selaginella moellendorffii</i>	0.0642	0.0000
<i>Theobroma cacao</i>	0.0228	0.0197
<i>Vitis vinifera</i>	0.0228	0.0064
<i>Zea mays</i>	0.0229	0.0009

Additional Table 2

Specie	TF Duplicates	TF Duplicates by Ks ranges											
		0 < Ks ≤ 0.5			0.5 < Ks ≤ 1			1 < Ks ≤ 1.5			1.5 < Ks ≤ 2		
		WGD	Tandem	Undefined	WGD	Tandem	Undefined	WGD	Tandem	Undefined	WGD	Tandem	Undefined
<i>Arabidopsis lyrata</i>	519	23	79	35	116	20	32	73	7	31	60	10	33
<i>Arabidopsis thaliana</i>	532	4	39	49	156	14	28	115	0	14	45	2	66
<i>Amborella trichopoda</i>	61	0	12	12	0	0	3	0	4	3	0	1	26
<i>Brachypodium distachyon</i>	127	3	8	5	9	12	8	9	14	15	13	17	14
<i>Carica papaya</i>	172	0	24	61	0	0	3	1	1	14	1	3	64
<i>Citrullus lanatus</i>	135	0	4	5	1	3	1	5	2	24	16	5	69
<i>Eucalyptus grandis</i>	261	0	95	35	2	17	9	4	8	26	3	8	54
<i>Fragaria vesca</i>	152	5	11	16	5	5	7	11	4	11	25	14	38
<i>Glycine max</i>	1224	579	52	291	95	28	23	49	15	13	53	19	7
<i>Helianthus annuus</i>	305	1	17	61	0	5	72	0	1	48	0	0	31
<i>Lotus japonicus</i>	190	3	10	43	7	9	42	1	2	40	4	7	22
<i>Malus domestica</i>	1009	153	35	713	7	7	39	6	4	14	17	4	10
<i>Manihot esculenta</i>	668	211	8	275	38	4	44	4	4	21	15	2	42
<i>Medicago truncatula</i>	258	18	63	35	19	9	25	20	2	13	19	3	32
<i>Oryza sativa ssp. indica</i>	242	11	34	26	16	7	19	21	10	33	27	5	33
<i>Oryza sativa ssp. japonica</i>	187	5	15	5	18	6	16	19	7	33	29	4	30
<i>Physcomitrella patens</i>	102	1	2	10	5	2	42	3	1	26	1	0	9
<i>Populus trichocarpa</i>	692	434	26	129	12	4	9	15	6	10	29	7	11
<i>Ricinus communis</i>	139	0	5	7	0	2	7	4	0	25	13	4	72
<i>Sorghum bicolor</i>	145	9	20	8	7	5	10	14	8	21	15	9	19
<i>Solanum lycopersicum</i>	400	5	65	42	33	25	62	20	14	38	13	11	72
<i>Selaginella moellendorffii</i>	29	3	3	6	1	1	2	0	0	4	1	0	8
<i>Theobroma cacao</i>	209	5	21	4	0	8	5	21	9	35	47	7	47
<i>Vitis vinifera</i>	377	1	50	25	9	22	34	27	5	81	24	9	90
<i>Zea mays</i>	331	9	21	164	4	3	47	0	5	37	1	11	29

Additional Table 3

Specie	Abbreviation	Release	Source
<i>Arabidopsis lyrata</i>	Aly	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Arabidopsis thaliana</i>	Ath	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Amborella trichopoda</i>	Atr	Plaza 3.0	ftp.psb.ugent.be/pub/plaza/plaza_public_dicots_03/
<i>Brachypodium distachyon</i>	Bdi	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Carica papaya</i>	Cpa	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Citrullus lanatus</i>	Cla	Plaza 3.0	ftp.psb.ugent.be/pub/plaza/plaza_public_dicots_03/
<i>Eucalyptus grandis</i>	Egr	Plaza 3.0	ftp.psb.ugent.be/pub/plaza/plaza_public_dicots_03/
<i>Fragaria vesca</i>	Fve	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Glycine max</i>	Gma	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Helianthus annuus</i>	Hel	HA412 v1.1	http://www.sunflowergenome.org/
<i>Lotus japonicus</i>	Lja	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Malus domestica</i>	Mdo	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Manihot esculenta</i>	Mes	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Medicago truncatula</i>	Mtr	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Oryza sativa ssp. indica</i>	Ind	Plaza 3.0	ftp.psb.ugent.be/pub/plaza/plaza_public_monocots_03/
<i>Oryza sativa ssp. japonica</i>	Osa	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Physcomitrella patens</i>	Ppa	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Populus trichocarpa</i>	Ptr	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Ricinus communis</i>	Rco	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Sorghum bicolor</i>	Sbi	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Solanum lycopersicum</i>	Sly	Plaza 3.0	ftp.psb.ugent.be/pub/plaza/plaza_public_dicots_03/
<i>Selaginella moellendorffii</i>	Smo	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Theobroma cacao</i>	Tca	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Vitis vinifera</i>	Vvi	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/
<i>Zea mays</i>	Zma	Plaza 2.5	ftp.psb.ugent.be/pub/plaza/plaza_public_02_5/