

Supporting Table 2. Results of marker-based genome scans for non-neutral population divergence based on divergence and diversity based tests, pairwise population comparisons arranged side-by-side on separate pages to facilitate inspection of locus-specific outlier patterns across populations and to allow printing of particular population comparisons if desired. Reference numbers in the footnote refer to the literature section of the main paper.

Swe - Spain	Divergence ¹				Diversity ²						
	Locus	Lg ³	F_{ST}	F_{ST}	Split/drift	FDR	α	FDR	α	FDR	
			$\alpha=5\%$	$\alpha=5\%$	10%	lnRH	5%	10%	lnRV	5%	10%
G1719	1	0.114	yes			-1.07			-1.22		
ASP302	1	0.030				-0.87			0.06		
P2852	1	0.015				-0.38			-0.99		
O30_2	1	0.120	yes			0.32			0.32		
O137	1	0.041				0.68			0.12		
G124	1	0.122	yes			0.05			0.72		
G1376	2	0.056				-0.98			0.15		
G1158	2	0.020				-0.88			0.87		
G1133*	3	0.197	yes	yes	yes	1.68			-0.61		
ASP376	3	0.051				1.04			0.42		
O30_1	3	0.030				-0.82			-1.58		
G1416	3	0.003				0.26			0.50		
O203	3	0.048				-0.06			0.08		
G1869	3	0.060				1.08			0.49		
G1688	3	0.039				-1.54			0.37		
O220	4	0.053				-1.04			-0.14		
O127	4	0.212	yes	yes	yes	0.51			0.73		
G1809	4	0.138	yes	yes		1.74			0.03		
G1255	5	n/a				n/a			n/a		
G1838	5	0.110	yes	yes		0.81			1.04		
G20	5	0.025	yes		yes	0.48			0.49		
W15	5	0.152	yes	yes	yes	0.29			0.56		
G1065	6	0.013				-0.4			-0.11		
O369	6	0.059				-1			0.46		
G2034	6	0.091		yes		1.43			0.44		
ASP322	6	0.193	yes	yes	yes	1.84			-0.29		
O60	6	0.029				-0.75			-1.18		
W12*	6	0.011				0.25			-0.12		
O190	6	0.092		yes		0.6			0.16		
ASP933	6	0.062				0.69			-0.32		
G1485	6	n/a				-0.62			-0.51		
Asl-1	6	-0.004				-0.01			-0.01		
O26	6	-0.003				-0.68			-0.57		
O167	6	0.002				-1.3			-0.53		
G1074	6	0.061		yes		-2.59	yes		-2.19	yes	
G1831	6	0.031				-0.77			-1.41		
G139	6	0.055				0.1			-0.06		
G1260	7	0.024				-0.66			-0.46		
W17	7	0.026				-0.64			0.36		
O312	7	0.088				0.65			-0.33		
G2062	8	0.012				-0.64			0.05		
O374*	8	0.095	yes		yes	-0.22			-0.01		
O202	8	0.039				0.22			-0.25		
O268	8	0.168	yes			2.48	yes		4.30	yes	yes
G1949	9	0.113	yes	yes		0.89			-0.45		
O23*	9	-0.006				0.18			0.95		

G2020	10	0.026				0.64		0.25		
O149	10	0.009				-0.05		-0.14		
O344	10	0.177	yes		yes	-1.16		-0.04		
G1574	10	0.040				-0.88		0.43		
G114*	10	0.052				-0.23		-0.64		
G1037	11	0.008				-0.34		0.02		
G154*	12	0.033		yes		0.98		-0.88		
W05*	12	0.062				-0.33		-0.79		
G1186	12	0.099		yes		0.48		0.11		
G1353	13	0.345	yes		yes	0.43		-0.54		
G162	13	0.048				0.81		-0.27		
G1812	14	0.025				-0.67		-0.95		
G1894	15	-0.002				-0.59		-0.48		
G1454	15	0.124	yes	yes		0.99		-0.03		
G1608	15	0.218	yes	yes	yes	-2.95	yes	-2.29	yes	
O14	16	0.079	yes		yes	1.35		1.20		
O214	18	0.130	yes			-1.76		-0.57		
G1577	18	0.052	yes		yes	1.18		1.05		
O28	18	0.018				0.24		0.71		
O276	19	0.155	yes	yes		0.48	yes	3.58	yes	yes
Yin1	19	0.009				-0.05		0.15		
Con58	19	0.165	yes	yes	yes	1.25		0.71		
Yin2	19	0.199	yes	yes	yes	-0.05		-1.55		
O206	19	0.002				-0.09		0.61		

¹ Significant results of F_{ST} and purely drift (Vitalis *et al.* 2001) based tests at the 5% level are indicated by a 'Yes'. Significant results with a false discovery rate (FDR) of 10% or less in F_{ST} based tests are also indicated by a 'Yes'. Loci with 3 x 'Yes' are shown with bold type and grey shading. Only loci that matched these stringent criteria (3 x 'Yes') are discussed in the text.

² Significant results of diversity (lnRH and lnRV) based tests at the 5% level are indicated by a 'Yes'. Significant results with a FDR of 10% or less are also indicated with a 'Yes'. Loci with 2 x 'Yes' for either lnRH or lnRV are indicated with bold type and grey shading. Only loci that matched these stringent criteria (2 x 'Yes' for either lnRH or lnRV) are discussed in the text.

³ Lg = linkage group; Lg assignments refer to *Populus* linkage maps (e.g. Yin *et al.* 2004) and *P. trichocarpa* genome assembly v1.1.

Loci with significant HWE deficits at the 5% level are indicated by an asterisk, and six cases of loci under balancing selection within populations are indicated by 'bal'. For population abbreviations see Table 1 of the paper.

Swe-Scot		Divergence				Diversity					
Locus	Lg	F_{ST}	F_{ST}	Split/drift	FDR	lnRH	α	FDR	lnRV	α	FDR
			$\alpha=5\%$	$\alpha=5\%$	10%		5%	10%		5%	10%
G1719	1	-0.010				.10			0.07		
ASP302	1	0.001				.02			-0.19		
P2852	1	-0.004				-.17			-2.05	yes	
O30_2	1	0.015				-.47			-0.27		
O137	1	0.006		yes		1.28			1.12		
G124	1	0.023				-.21			0.51		
G1376	2	0.210	yes	yes	yes	.78			1.64		
G1158	2	0.177	yes		yes	-1.16			1.15		
G1133*	3	-0.006				.17			-0.54		
ASP376	3	0.062	yes	yes		1.38			-0.06		
O30_1	3	0.143	yes	yes	yes	-1.39			-0.81		
G1416	3	-0.019				-.18			0.30		
O203	3	-0.001				-.03			0.55		
G1869	3	0.029				.08			0.54		
G1688	3	0.120	yes	yes		-2.24	yes		-0.32		
O220	4	0.141	yes	yes	yes	-.50			-0.14		
O127	4	-0.016				-.68			-0.08		
G1809	4	0.007				.38			0.10		
G1255	5	n/a				n/a			n/a		
G1838	5	-0.011				.49			0.42		
G20	5	-0.008				-.55			-0.41		
W15	5	-0.002				-.14			0.30		
G1065	6	0.001				.57			0.05		
O369	6	0.018				-.18			0.46		
G2034	6	0.002				.84			0.77		
ASP322	6	0.013				-.10			-0.32		
O60	6	0.095	yes	yes		-1.46			-0.87		
W12*	6	0.026				.64			0.59		
O190	6	-0.005				.38			0.25		
ASP933	6	0.067	yes	yes		1.47			0.40		
G1485	6	0.065				-2.01	yes		-5.38	yes	yes
Asl-1	6	0.001				.84			2.10	yes	
O26	6	-0.016				-.25			-0.17		
O167	6	0.004				-.20			-0.13		
G1074	6	0.125	yes	yes		-2.78	yes		-2.31	yes	
G1831	6	-0.002				.66			0.40		
G139	6	-0.009				.20			0.32		
G1260	7	0.052		yes		-.13			0.04		
W17	7	0.042				.60			-0.06		
O312	7	0.056	yes	yes		1.04			0.32		
G2062	8	0.079	yes	yes	yes	.11			0.66		
O374*	8	0.042	yes		yes	-1.99	yes		0.07		
O202	8	-0.013				-.17			0.12		
O268	8	-0.008				.98			0.47		
G1949	9	0.027				.75			0.03		
O23*	9	0.002				-.45			0.27		

G2020	10	-0.007				.55		0.39
O149	10	0.009				.27		0.25
O344	10	-0.012				-.11		0.25
G1574	10	0.080	yes	yes	yes	-1.41		0.00
G114*	10	0.013				.03		-0.27
G1037	11	0.099	yes	yes	yes	1.32		-0.75
G154*	12	0.012				1.27		-0.50
W05*	12	-0.003				.40		0.34
G1186	12	0.033				.81		0.30
G1353	13	-0.007				-.51		-0.20
G162	13	0.075	yes	yes	yes	2.46	yes	0.02
G1812	14	0.003				.77		0.77
G1894	15	0.038		yes		-1.98	yes	-1.71
G1454	15	0.014				.29		0.20
G1608	15	0.080				-2.19	yes	-1.53
O14	16	-0.007				-.46		-0.07
O214	18	0.004				-.81		-0.35
G1577	18	0.046	yes		yes	1.76		1.65
O28	18	0.007				.05		0.67
O276	19	0.017				-.12		-0.36
Yin1	19	0.002				.32		1.12
Con58	19	0.008				.82		1.09
Yin2	19	0.108	yes	yes	yes	-.48		-0.53
O206	19	0.035				.63		-0.69

Swe-Aus		Divergence				Diversity					
Locus	Lg	F_{ST}	F_{ST}	Split/drift	FDR	lnRH	α	FDR	lnRV	α	FDR
			$\alpha=5\%$	$\alpha=5\%$	10%		5%	10%		5%	10%
G1719	1	-0.002				-0.36			-0.35		
ASP302	1	0.014				-0.98			0.07		
P2852	1	0.017				-0.33			-1.85		
O30_2	1	0.014				-0.37			0.18		
O137	1	0.009				-1.00			-0.17		
G124	1	0.002				-0.30			0.36		
G1376	2	0.006				-0.74			-0.88		
G1158	2	0.002				1.08			0.31		
G1133*	3	-0.014		yes		-0.03			-1.09		
ASP376	3	0.002				0.41			0.42		
O30_1	3	-0.002				-0.52			-0.69		
G1416	3	0.412	yes		yes	-0.19			0.50		
O203	3	0.007		yes		0.15			0.02		
G1869	3	-0.005				0.52			0.24		
G1688	3	-0.001				-0.51			0.21		
O220	4	0.024				-0.51			0.10		
O127	4	-0.009				-0.26			0.22		
G1809	4	-0.001				-0.14			0.34		
G1255	5	n/a				n/a			n/a		
G1838	5	0.000				-1.12			-0.60		
G20	5	-0.007				-0.43			-0.14		
W15	5	-0.004				-0.04			-1.01		
G1065	6	0.009				-0.79			-0.01		
O369	6	0.002				-0.03			0.00		
G2034	6	0.033				1.48			0.83		
ASP322	6	0.210	yes	yes	yes	3.87	yes	yes	1.08	yes	
O60	6	-0.006		yes		0.28			-1.23		
W12*	6	0.001				-0.12			-0.34		
O190	6	0.023				0.88			0.60		
ASP933	6	0.005				-0.10			-0.39		
G1485	6	-0.001				0.35			0.48		
Asl-1	6	0.019				1.07			1.85		
O26	6	0.011				1.19			1.21		
O167	6	n.d.				1.26			1.27		
G1074	6	-0.007				-0.75			-0.45		
G1831	6	0.022				-0.58			-0.14		
G139	6	0.000				0.13			0.33		
G1260	7	-0.013				0.17			0.29		
W17	7	-0.006				0.18			0.56		
O312	7	-0.005				0.30			-0.13		
G2062	8	0.032				-0.86			0.95		
O374*	8	0.081	yes	yes	yes	-2.70	yes		0.08	yes	
O202	8	0.026		yes		0.11			0.31		
O268	8	-0.017				-0.03			0.37		
G1949	9	-0.001				-0.52			-0.37		
O23*	9	0.006				-0.83			0.47		

G2020	10	0.049	yes		-0.01		0.68	
O149	10	0.037		yes	0.82		0.70	
O344	10	-0.008		yes	0.10		0.35	
G1574	10	0.045	yes		-1.46		0.54	
G114*	10	-0.003		yes	0.89		0.15	
G1037	11	0.104	yes		1.50		-0.11	
G154*	12	-0.002		yes	-0.25		-1.27	
W05*	12	0.000			0.69		0.53	
G1186	12	-0.005			0.65		0.63	
G1353	13	0.013			0.37		-0.59	
G162	13	0.012			0.78		0.62	
G1812	14	-0.003			0.50		0.55	
G1894	15	0.011			-2.36	yes	-2.20	yes
G1454	15	-0.001		yes	0.26		0.26	
G1608	15	0.034			-2.32	yes	-3.03	yes yes
O14	16	0.000		yes	0.61		-4.75	yes yes
O214	18	-0.005			0.52		0.20	
G1577	18	0.029			2.10	yes	1.80	
O28	18	-0.004		yes	-0.23		-0.02	
O276	19	0.002			-0.04		-0.19	
Yin1	19	0.026			-0.28		0.80	
Con58	19	0.015		yes	0.12		0.09	
Yin2	19	0.026			-1.89		-0.55	
O206	19	-0.005			0.64		1.02	

Swe-Russ											
Locus	Lg	Divergence			Diversity						
		F_{ST}	F_{ST}	Split/drift	FDR	α	FDR	α	FDR		
		F_{ST}	$\alpha=5\%$	$\alpha=5\%$	10%	lnRH	5%	10%	lnRV	5%	10%
G1719	1	0.027				-0.86			-0.25		
ASP302	1	0.001				.02			-0.42		
P2852	1	-0.003				.86			-0.04		
O30_2	1	0.008				-.55			0.13		
O137	1	0.115	yes	yes		-.95			-0.12		
G124	1	0.024				.41			0.08		
G1376	2	0.085	yes	yes		-1.49			-1.71		
G1158	2	0.009		yes		1.29			0.54		
G1133*	3	0.033				1.48			0.74		
ASP376	3	0.009				1.25			1.14		
O30_1	3	0.006				.65			-0.41		
G1416	3	-0.001				-.15			0.49		
O203	3	-0.002				.25			-1.11		
G1869	3	0.031				1.34			0.34		
G1688	3	0.090	yes	yes		-1.44			0.82		
O220	4	0.014				-.18			-0.02		
O127	4	0.006				.70			-0.09		
G1809	4	0.030				.01			0.03		
G1255	5	n/a				n/a			n/a		
G1838	5	0.000				-.42			-0.40		
G20	5	0.027				1.42			1.22		
W15	5	0.007				-.49			0.11		
G1065	6	0.006				.42			0.11		
O369	6	0.069	yes	yes		-1.48			-0.62		
G2034	6	0.003				.59			-0.05		
ASP322	6	-0.002				.39			0.19		
O60	6	0.160	yes	yes	yes	-1.34			0.10		
W12*	6	-0.010				-.29			-0.41		
O190	6	0.042				1.04			0.49		
ASP933	6	0.209	yes	yes	yes	1.80			0.97		
G1485	6	n.d.				.18			0.13		
Asl-1	6	-0.015				.10			0.76		
O26	6	0.000				.11			0.06		
O167	6	0.001				.07			-0.53		
G1074	6	-0.009		yes		-.74			-0.69		
G1831	6	0.045				-1.38			0.17		
G139	6	0.033				.09			-0.03		
G1260	7	0.027				.81			0.38		
W17	7	0.005				.76			0.54		
O312	7	0.001				-.10			-0.18		
G2062	8	0.000				.44			0.42		
O374*	8	0.016				-1.41			-0.31		
O202	8	0.003				.09			0.08		
O268	8	0.067	yes	yes		-2.04	yes		-1.67		
G1949	9	0.018				.28			-0.28		
O23*	9	-0.003				.19			-0.59		

G2020	10	0.073	yes	yes	1.04		0.69
O149	10	0.106	yes	yes	.15		-0.70
O344	10	-0.006			.15		0.20
G1574	10	0.112	yes		-2.53	yes	0.37
G114*	10	-0.008			.95		0.17
G1037	11	0.030			.67		-0.19
G154*	12	0.008			-1.81		-1.61
W05*	12	0.009			-.24		-0.08
G1186	12	0.018			.92		0.49
G1353	13	0.020			-.74		-3.97 yes yes
G162	13	0.021			-1.14		-0.88
G1812	14	0.015			.75		0.95
G1894	15	0.027		yes	-2.09	yes	-3.38 yes yes
G1454	15	-0.010	yes/bal		-.05		0.34
G1608	15	-0.015			.11		0.42
O14	16	-0.015			.06		0.04
O214	18	-0.013			.17		0.35
G1577	18	0.059	yes		2.38	yes	1.97
O28	18	0.013			.04		-0.11
O276	19	-0.004			.92		3.51 yes yes
Yin1	19	0.001			.67		0.68
Con58	19	0.036		yes	-.04		0.86
Yin2	19	0.043	yes	yes	-2.01	yes	-0.71
O206	19	-0.010			-.09		0.48

Spain-Scot		Divergence			Diversity						
Locus	Lg	F_{ST}	F_{ST}	Split/drift	FDR		α		FDR	α	FDR
			$\alpha=5\%$	$\alpha=5\%$	10%	lnRH	5%	10%	lnRV	5%	10%
G1719	1	0.116	yes				1.33			1.18	
ASP302	1	0.064					1.02			-0.20	
P2852	1	0.023					.26			-0.74	
O30_2	1	0.095	yes	yes			-.85			-0.52	
O137	1	0.008					.54			0.80	
G124	1	0.033					-.27			-0.26	
G1376	2	0.123	yes				1.92			1.19	
G1158	2	0.070		yes			-.19			0.13	
G1133*	3	0.124		yes			-1.74			0.13	
ASP376	3	0.042					.23			-0.44	
O30_1	3	0.169	yes	yes			-.50			0.81	
G1416	3	0.023					-.48			-0.22	
O203	3	0.079					.04			0.37	
G1869	3	0.055					-1.14			-0.02	
G1688	3	0.004					-.55			-0.61	
O220	4	0.124	yes				.67			0.01	
O127	4	0.186	yes	yes			-1.29			-0.74	
G1809	4	0.062					-1.59			0.05	
G1255	5	n/a					n/a			n/a	
G1838	5	0.140	yes	yes			-.43			-0.62	
G20	5	0.058	yes		yes		-1.11			-0.79	
W15	5	0.081		yes			-.47			-0.28	
G1065	6	-0.001					1.05			0.14	
O369	6	0.087					.95			-0.06	
G2034	6	0.037					-.77			0.21	
ASP322	6	0.140	yes	yes			-2.20	yes		0.00	
O60	6	0.088		yes			-.65			0.39	
W12*	6	0.026					.37			0.59	
O190	6	0.033					-.29			0.06	
ASP933	6	-0.007					.74			0.62	
G1485	6	0.059					-1.37			-3.88	yes yes
Asl-1	6	-0.013					.88			1.71	
O26	6	0.001					.52			0.39	
O167	6	-0.008					1.28			0.38	
G1074	6	-0.006					.08			0.17	
G1831	6	0.042					1.56			1.63	
G139	6	0.070					.10			0.31	
G1260	7	0.002					.63			0.46	
W17	7	0.057					1.35			-0.38	
O312	7	0.188	yes	yes			.33			0.57	
G2062	8	0.098	yes				.84			0.49	
O374*	8	0.016					-1.81			0.06	
O202	8	0.076		yes			-.42			0.33	
O268	8	0.115					-1.82			-3.61	yes yes
G1949	9	0.103		yes			-.24			0.45	
O23*	9	0.043					-.66			-0.66	

G2020	10	0.023				-17		0.09
O149	10	-0.008				.33		0.33
O344	10	0.164	yes			1.21		0.23
G1574	10	0.036				-.44		-0.40
G114*	10	-0.006				.29		0.38
G1037	11	0.203	yes			1.75		-0.63
G154*	12	-0.003				.19		0.41
W05*	12	0.055				.79		1.00
G1186	12	0.001				.29		0.15
G1353	13	0.268	yes	yes	yes	-1.01		0.34
G162	13	0.125	yes			1.61		0.27
G1812	14	0.060				1.56		1.50
G1894	15	0.073	yes		yes	-1.37		-0.94
G1454	15	0.039				-.83		0.19
G1608	15	0.035				1.11		0.89
O14	16	0.102	yes			-2.02	yes	-1.17
O214	18	0.060				1.17		0.24
G1577	18	n.d.				.48		0.35
O28	18	0.001				-.22		-0.12
O276	19	0.058		yes		-.67		-3.62
Yin1	19	-0.006				.39		0.77
Con58	19	0.128	yes	yes		-.57		0.22
Yin2	19	0.036				-.44		1.01
O206	19	0.089				.75		-1.13

Spain-Aus											
Locus	Lg	Divergence				Diversity					
		F_{ST}	F_{ST}	Split/drift	FDR	α	FDR	α	FDR		
		F_{ST}	$\alpha=5\%$	$\alpha=5\%$	10%	lnRH	5%	10%	lnRV	5%	10%
G1719	1	0.115	yes		yes	.85			0.87		
ASP302	1	0.046				.24			-0.01		
P2852	1	0.038				.16			-0.30		
O30_2	1	0.146	yes	yes	yes	-.57			-0.17		
O137	1	0.070				-1.34			-0.22		
G124	1	0.105	yes		yes	-.24			-0.42		
G1376	2	0.031				.52			-0.70		
G1158	2	0.066		yes		1.59			-0.58		
G1133*	3	0.173	yes	yes	yes	-1.72			-0.15		
ASP376	3	0.021				-.78			-0.11		
O30_1	3	0.010				.49			0.98		
G1416	3	0.512	yes	yes	yes	-.39			-0.13		
O203	3	0.119	yes		yes	.16			-0.06		
G1869	3	0.069	yes			-.75			-0.29		
G1688	3	0.035				1.23			-0.21		
O220	4	0.039				.71			0.19		
O127	4	0.148	yes	yes	yes	-.68			-0.52		
G1809	4	0.142	yes	yes	yes	-1.85			0.19		
G1255	5	n/a				n/a			n/a		
G1838	5	0.104	yes		yes	-1.55			-1.32		
G20	5	0.032	yes		yes	-.76			-0.53		
W15	5	0.119	yes		yes	-.32			-1.16		
G1065	6	0.017				-.11			0.09		
O369	6	0.087				.99			-0.42		
G2034	6	0.041				-.48			0.14		
ASP322	6	0.047				.66			0.96		
O60	6	0.046				.95			0.27		
W12*	6	0.058				-.33			-0.11		
O190	6	0.014				-.04			0.25		
ASP933	6	0.123	yes	yes	yes	-.76			0.04		
G1485	6	-0.003				.85			0.77		
Asl-1	6	0.018				.71			1.20		
O26	6	n.d.				1.46			1.29		
O167	6	0.016				2.14	yes		1.29		
G1074	6	0.060		yes		2.13	yes		1.68		
G1831	6	0.002				.41			1.18		
G139	6	0.024				-.01			0.27		
G1260	7	0.029				.78			0.60		
W17	7	0.024				.77			0.04		
O312	7	0.063				-.46			0.22		
G2062	8	0.056				.08			0.56		
O374*	8	0.071	yes		yes	-1.53			0.06		
O202	8	0.150	yes	yes	yes	-.15			0.42		
O268	8	0.111	yes		yes	-2.53	yes		-3.64	yes	yes
G1949	9	0.127	yes	yes	yes	-1.24			0.17		
O23*	9	0.042				-.72			-0.55		

G2020	10	0.133	yes	yes	yes	-0.66		0.21
O149	10	0.002				.58		0.58
O344	10	0.191	yes	yes	yes	1.24		0.26
G1574	10	0.052				-0.06		-0.04
G114*	10	0.060				.81		0.68
G1037	11	0.212	yes	yes	yes	1.32		-0.09
G154*	12	0.032				-1.15		-0.03
W05*	12	0.082				.79		1.05
G1186	12	0.082				-0.06		0.31
G1353	13	0.351	yes	yes	yes	-0.19		0.10
G162	13	0.052				-.31		0.65
G1812	14	0.035				1.00		1.21
G1894	15	0.028	yes		yes	-0.95		-0.98
G1454	15	0.113	yes		yes	-0.83		0.19
G1608	15	0.078				1.48		0.11
O14	16	0.029	yes		yes	-0.97		-4.13 yes yes
O214	18	0.206	yes	yes	yes	2.12	yes	0.64
G1577	18	0.006				.18		0.21
O28	18	0.024				-.40		-0.65
O276	19	0.075				-.51		-3.35 yes yes
Yin1	19	0.027				-.13		0.38
Con58	19	0.159	yes	yes	yes	-1.18		-0.58
Yin2	19	0.144	yes	yes	yes	-1.19		1.04
O206	19	0.014				.51		0.10

Spain-Russ											
Locus	Lg	Divergence				Diversity					
		F_{ST}	F_{ST}	Split/drift	FDR	α	FDR	α	FDR		
		F_{ST}	$\alpha=5\%$	$\alpha=5\%$	10%	lnRH	5%	10%	lnRV	5%	10%
G1719	1	0.107	yes			.32			0.88		
ASP302	1	0.064				.77			-0.36		
P2852	1	0.020				.93			0.84		
O30_2	1	0.079				-.66			-0.18		
O137	1	0.288	yes	yes	yes	-1.25			-0.19		
G124	1	0.220	yes	yes	yes	.25			-0.57		
G1376	2	0.128	yes			-.18			-1.39		
G1158	2	0.058		yes		1.67			-0.36		
G1133*	3	0.061				-.42			1.08		
ASP376	3	0.001				-.03			0.46		
O30_1	3	0.019				1.17			1.09		
G1416	3	0.055				-.33			-0.08		
O203	3	0.108				.23			-0.88		
G1869	3	0.071				.00			-0.18		
G1688	3	0.001				.34			0.27		
O220	4	0.041				.77			0.11		
O127	4	0.141				.05			-0.70		
G1809	4	0.209	yes		yes	-1.50			-0.01		
G1255	5	n/a				n/a			n/a		
G1838	5	0.071				-1.00			-1.20		
G20	5	n/a				.58			0.46		
W15	5	0.091				-.59			-0.41		
G1065	6	0.013				.65			0.18		
O369	6	0.096				-.17			-0.86		
G2034	6	0.083				-.83			-0.42		
ASP322	6	0.260	yes	yes	yes	-1.32			0.39		
O60	6	0.152				-.28			1.10		
W12*	6	0.008				-.42			-0.20		
O190	6	-0.008				.20			0.22		
ASP933	6	0.443	yes	yes	yes	.66			0.99		
G1485	6	n/a				.66			0.54		
Asl-1	6	-0.006				.08			0.57		
O26	6	n/a				.66			0.54		
O167	6	-0.008				1.18			0.07		
G1074	6	0.032		yes		1.73			1.41		
G1831	6	0.066				-.29			1.36		
G139	6	0.006				-.02			0.03		
G1260	7	0.135				1.14			0.68		
W17	7	0.095				1.09			0.08		
O312	7	0.079				-.64			0.16		
G2062	8	0.026				.86			0.26		
O374*	8	0.067				-.79			-0.22		
O202	8	0.115				-.13			0.28		
O268	8	0.281	yes		yes	-3.58	yes	yes	-4.98	yes	yes
G1949	9	0.237	yes	yes	yes	-.58			0.19		
O23*	9	0.015				-.02			-1.26		

G2020	10	0.175	yes			.17		0.29
O149	10	0.081				.14		-0.39
O344	10	0.194	yes	yes	yes	1.11		0.18
G1574	10	0.070				-1.00		-0.11
G114*	10	0.113				.86		0.69
G1037	11	0.111				.76		-0.16
G154*	12	0.080				-2.11	yes	-0.41
W05*	12	0.062				.12		0.63
G1186	12	0.017				.23		0.27
G1353	13	0.195	yes	yes	yes	-0.89		-2.43
G162	13	0.084	yes			-1.50		-0.41
G1812	14	0.030				1.10		1.52
G1894	15	0.044				-0.95		-2.04
G1454	15	0.098				-0.90		0.28
G1608	15	0.224	yes	yes	yes	2.64	yes	2.30
O14	16	0.082				-1.13		-1.02
O214	18	0.112				1.64		0.75
G1577	18	n/a				.64		0.52
O28	18	0.016				-.18		-0.70
O276	19	0.207	yes	yes		.23		-0.57
Yin1	19	0.008				.51		0.36
Con58	19	0.247	yes	yes	yes	-1.11		0.00
Yin2	19	0.140	yes		yes	-1.36		0.83
O206	19	0.018				.02		-0.18

Scot-Aus	Divergence					Diversity						
	Locus	Lg	F_{ST}	F_{ST} $\alpha=5\%$	Split/drift $\alpha=5\%$	FDR 10%	$\ln RH$	α 5%	FDR 10%	$\ln RV$	α 5%	FDR 10%
G1719	1	-0.006					-.37			-0.33		
ASP302	1	0.007					-.75			0.23		
P2852	1	0.042					-.07			0.50		
O30_2	1	0.011					.22			0.39		
O137	1	0.064	yes	yes			-2.07	yes		-1.18		
G124	1	0.020					.00			-0.20		
G1376	2	0.112	yes	yes	yes		-1.35			-2.21	yes	
G1158	2	0.277	yes	yes	yes		2.00	yes		-0.84		
G1133*	3	0.001					-.20			-0.33		
ASP376	3	0.031					-1.13			0.37		
O30_1	3	0.117	yes	yes			1.06			0.23		
G1416	3	0.363	yes	yes	yes		.04			0.11		
O203	3	0.004					.14			-0.50		
G1869	3	0.022					.30			-0.32		
G1688	3	0.108	yes	yes			1.95			0.46		
O220	4	0.043					.14			0.21		
O127	4	-0.012					.52			0.24		
G1809	4	0.010					-.50			0.17		
G1255	5	n/a					n/a			n/a		
G1838	5	0.015					-1.33			-0.86		
G20	5	-0.010					.25			0.27		
W15	5	-0.008					.11			-1.06		
G1065	6	0.034					-1.18			-0.05		
O369	6	0.024					.16			-0.43		
G2034	6	-0.005					.23			-0.08		
ASP322	6	0.194	yes	yes	yes		2.96	yes		1.13		
O60	6	0.142	yes	yes			1.73			-0.13		
W12*	6	0.030					-.75			-0.82		
O190	6	-0.008					.25			0.23		
ASP933	6	0.130	yes	yes	yes		-1.61			-0.68		
G1485	6	0.061					2.35	yes		5.39	yes	yes
Asl-1	6	0.007					-.08			-0.55		
O26	6	0.021					1.14			1.09		
O167	6	0.020					1.14			1.10		
G1074	6	0.137	yes	yes			2.34	yes		1.82		
G1831	6	0.039					-1.11			-0.48		
G139	6	0.001					-.11			-0.04		
G1260	7	0.060		yes			.26			0.19		
W17	7	0.020					-.49			0.49		
O312	7	0.065	yes	yes			-.86			-0.40		
G2062	8	0.050					-.75			0.11		
O374*	8	0.027	yes				.08			0.00		
O202	8	0.006					.25			0.12		
O268	8	0.000					-1.05			-0.16		
G1949	9	0.025					-1.17			-0.32		
O23*	9	-0.011					-.15			0.11		

G2020	10	0.049		yes		-0.58		0.15
O149	10	-0.012				.33		0.31
O344	10	-0.012				.19		0.03
G1574	10	0.016				.38		0.42
G114*	10	0.007				.63		0.37
G1037	11	0.001				-.25		0.62
G154*	12	0.013				-1.50		-0.51
W05*	12	0.001				.10		0.09
G1186	12	0.018				-.36		0.20
G1353	13	0.033				.80		-0.27
G162	13	0.060	yes	yes		-1.98	yes	0.46
G1812	14	-0.002				-.43		-0.29
G1894	15	-0.008				.31		-0.09
G1454	15	0.014				-.10		0.01
G1608	15	0.000				.57		-0.89
O14	16	0.014		yes		.93		-3.58 yes yes
O214	18	0.033		yes		1.23		0.48
G1577	18	0.005				-.27		-0.16
O28	18	0.004				-.23		-0.64
O276	19	-0.013				.09		0.19
Yin1	19	0.007				-.54		-0.43
Con58	19	0.008				-.77		-0.95
Yin2	19	0.060	yes	yes	yes	-.90		0.07
O206	19	0.025				-.18		1.42

Scot-Russ		Divergence				Diversity					
Locus	Lg	F_{ST}	F_{ST}	Split/drift	FDR	$\ln RH$	α	FDR	$\ln RV$	α	FDR
			$\alpha=5\%$	$\alpha=5\%$	10%		5%	10%		5%	10%
G1719	1	0.024				-0.76			-0.24		
ASP302	1	-0.011				.00			-0.17		
P2852	1	0.012				.81			1.56		
O30_2	1	0.008				-0.02			0.31		
O137	1	0.228	yes	yes	yes	-1.83			-0.96		
G124	1	0.099	yes		yes	.50			-0.34		
G1376	2	0.298	yes	yes	yes	-1.82			-2.56	yes	
G1158	2	0.258	yes	yes	yes	2.00	yes		-0.50		
G1133*	3	-0.008				.99			0.97		
ASP376	3	0.026				-.23			0.90		
O30_1	3	0.224	yes	yes	yes	1.70			0.33		
G1416	3	-0.017				.04			0.13		
O203	3	-0.004				.22			-1.26		
G1869	3	0.036				.96			-0.16		
G1688	3	-0.003				.84			0.86		
O220	4	0.050				.29			0.10		
O127	4	0.018				1.13			-0.01		
G1809	4	0.038				-.32			-0.06		
G1255	5	n/a				n/a			n/a		
G1838	5	0.012				-.75			-0.63		
G20	5	0.060	yes		yes	1.57			1.23		
W15	5	-0.002				-.26			-0.15		
G1065	6	-0.005				-.17			0.04		
O369	6	0.042				-.98			-0.82		
G2034	6	-0.006				-.27			-0.63		
ASP322	6	0.050				.39			0.39		
O60	6	0.137	yes	yes	yes	.23			0.75		
W12*	6	0.018				-.77			-0.77		
O190	6	-0.002				.47			0.17		
ASP933	6	0.452	yes	yes	yes	.11			0.41		
G1485	6	0.067				1.88			4.28	yes	yes
Asl-1	6	-0.001				-.65			-1.06		
O26	6	0.004				.30			0.18		
O167	6	-0.008				.23			-0.29		
G1074	6	0.088		yes		1.84			1.28		
G1831	6	0.090	yes			-1.63			-0.18		
G139	6	0.043				-.10			-0.27		
G1260	7	0.184	yes	yes	yes	.73			0.26		
W17	7	0.086				.07			0.45		
O312	7	0.030				-.98			-0.39		
G2062	8	0.123	yes	yes	yes	.24			-0.20		
O374*	8	0.013				.64			-0.29		
O202	8	-0.009				.21			-0.03		
O268	8	0.121	yes	yes		-2.42	yes		-1.62		
G1949	9	0.093	yes			-.43			-0.24		
O23*	9	0.000				.53			-0.65		

G2020	10	0.063				.33		0.21
O149	10	0.044				-.12		-0.71
O344	10	-0.016				.21		-0.04
G1574	10	0.002				-.73		0.28
G114*	10	0.056				.71		0.34
G1037	11	0.014				-.63		0.45
G154*	12	0.048	yes			-2.49	yes	-0.82
W05*	12	-0.003				-.53		-0.32
G1186	12	-0.024				.01		0.13
G1353	13	-0.008				-.13		-2.81
G162	13	0.151	yes	yes	yes	-3.01	yes	-0.67
G1812	14	0.032				-.09		0.11
G1894	15	0.008				.11		-1.19
G1454	15	0.006				-.29		0.10
G1608	15	0.075		yes		1.98	yes	1.50
O14	16	-0.011				.45		0.08
O214	18	0.010				.83		0.53
G1577	18	n.d.				.30		0.19
O28	18	-0.012				-.02		-0.60
O276	19	0.047				.81		2.90
Yin1	19	-0.008				.23		-0.36
Con58	19	0.054				-.74		-0.21
Yin2	19	0.051				-1.13		-0.12
O206	19	0.023				-.61		0.90

Aus-Russ		Divergence				Diversity					
Locus	Lg	F_{ST}	F_{ST}	Split/drift	FDR	$\ln RH$	α	FDR	$\ln RV$	α	FDR
			$\alpha=5\%$	$\alpha=5\%$	10%		5%	10%		5%	10%
G1719	1	0.008				-.61			0.04		
ASP302	1	0.004				.85			-0.43		
P2852	1	0.039				1.19			1.38		
O30_2	1	0.006				-.27			-0.02		
O137	1	0.070	yes	yes		-.15			0.02		
G124	1	0.056	yes			.69			-0.20		
G1376	2	0.090	yes	yes	yes	-.95			-0.86		
G1158	2	-0.003				.46			0.25		
G1133*	3	0.035				1.59			1.49		
ASP376	3	-0.001				.97			0.70		
O30_1	3	0.016				1.13			0.17		
G1416	3	0.335	yes	yes	yes	.01			0.05		
O203	3	-0.009				.14			-1.01		
G1869	3	0.019				.98			0.13		
G1688	3	0.070		yes		-1.09			0.57		
O220	4	-0.009				.24			-0.09		
O127	4	0.017				.96			-0.25		
G1809	4	0.020				.13			-0.23		
G1255	5	n/a				n/a			n/a		
G1838	5	-0.004				.50			0.10		
G20	5	0.033				1.87			1.20		
W15	5	0.007				-.48			0.87		
G1065	6	0.026				1.11			0.11		
O369	6	0.076	yes	yes		-1.53			-0.55		
G2034	6	-0.002				-.64			-0.68		
ASP322	6	0.270	yes	yes	yes	-2.86	yes		-0.66	yes	
O60	6	0.187	yes	yes	yes	-1.66			1.03		
W12*	6	0.009				-.20			-0.11		
O190	6	-0.007				.36			-0.02		
ASP933	6	0.125	yes	yes	yes	1.99	yes		1.17	yes	
G1485	6	-0.001				-.10			-0.25		
Asl-1	6	0.017				-.79			-0.73		
O26	6	n.d.				-.89			-0.86		
O167	6	0.014				-.99			-1.44		
G1074	6	-0.010				-.14			-0.27		
G1831	6	0.052	yes	yes		-.96			0.26		
G139	6	0.011				-.01			-0.27		
G1260	7	0.024				.71			0.12		
W17	7	0.019				.65			0.05		
O312	7	0.001				-.36			-0.06		
G2062	8	0.040				1.19			-0.36		
O374*	8	0.049	yes		yes	.79			-0.34		
O202	8	-0.006				.00			-0.16		
O268	8	0.072		yes		-2.13	yes		-1.77	yes	
G1949	9	0.016				.74			0.03		
O23*	9	0.006				.90			-0.89		

G2020	10	0.005			1.11		0.10		
O149	10	0.044		yes	-.54		-1.16		
O344	10	-0.010			.08		-0.09		
G1574	10	0.027			-1.43		-0.08		
G114*	10	0.008			.25		0.04		
G1037	11	0.008			-.57		-0.08		
G154*	12	0.006			-1.70		-0.47		
W05*	12	0.031			-.84		-0.48		
G1186	12	0.006			.43		-0.04		
G1353	13	0.056		yes	-1.10		-3.09	yes	yes
G162	13	0.049	yes	yes	-1.87		-1.26		
G1812	14	0.011			.37		0.42		
G1894	15	0.001			-.21		-1.33		
G1454	15	-0.001			-.28		0.11		
G1608	15	0.038		yes	2.07	yes	2.68	yes	
O14	16	0.001			-.45		3.66	yes	yes
O214	18	0.007			-.26		0.16		
G1577	18	0.008			.73		0.38		
O28	18	0.003			.24		-0.08		
O276	19	0.027			1.01		3.28	yes	yes
Yin1	19	0.016			.94		-0.01		
Con58	19	0.017		yes	-.14		0.70		
Yin2	19	0.011			-.52		-0.22		
O206	19	-0.001			-.64		-0.34		

G2020	10	0.001			1.08		-0.27
O149	10	0.002			-0.34		-0.51
O344	10	0.008			-0.39		0.03
G1574	10	0.003			-0.05		-0.45
G114*	10	0.023	yes		-1.98	yes	-0.35
G1037	11	0.003			-0.99		-0.43
G154*	12	0.007			-1.82		-0.95
W05*	12	0.053	yes	yes	1.99	yes	0.66
G1186	12	-0.004			0.59		0.21
G1353	13	-0.008			-0.21		-0.73
G162	13	0.009			-1.49		-0.10
G1812	14	-0.003			0.17		-0.05
G1894	15	-0.010			-0.36		-0.92
G1454	15	-0.003			1.09		0.01
G1608	15	-0.004			0.94		0.73
O14	16	0.011			2.01	yes	6.00 yes yes
O214	18	-0.011			-0.01		-0.11
G1577	18	-0.013	yes/bal		-0.03		-0.10
O28	18	-0.007			0.43		0.12
O276	19	-0.007			-0.13		0.68
Yin1	19	0.003			-1.29		-0.26
Con58	19	0.006			1.68		0.18
Yin2	19	0.005			1.62		0.07
O206	19	0.025			-0.14		-0.31

Russ: C-SE		Divergence				Diversity					
Locus	Lg	F_{ST}	F_{ST}		FDR	lnRH	α		lnRV	α	
			α=5%	α=5%			5%	10%		5%	10%
G1719	1	0.032				-0.68			-0.45		
ASP302	1	-0.009				-0.04			0.17		
P2852	1	-0.006				-0.57			0.30		
O30_2	1	-0.010				0.03			-0.10		
O137	1	0.017				0.80			0.22		
G124	1	0.017				-1.19			0.38		
G1376	2	-0.020				1.45			1.72		
G1158	2	-0.008		yes		-1.08			-2.31	yes	
G1133*	3	-0.022				0.90			0.57		
ASP376	3	-0.014				-1.29			-0.47		
O30_1	3	-0.033				-0.02			0.04		
G1416	3	-0.021	yes/bal			-0.19			-0.04		
O203	3	-0.011				-0.29			0.45		
G1869	3	0.001				-0.38			0.01		
G1688	3	0.190	yes	yes	yes	-2.90	yes	yes	0.24		
O220	4	0.014				0.82			0.17		
O127	4	-0.040				0.19			-0.30		
G1809	4	0.025				-0.65			0.04		
G1255	5	n/a				n/a			n/a		
G1838	5	0.011				0.82			-0.01		
G20	5	n.d.				-0.02			0.04		
W15	5	-0.014				-0.61			-0.52		
G1065	6	-0.029	yes/bal			-0.07			0.40		
O369	6	-0.011				-0.55			0.14		
G2034	6	0.007				-0.24			1.52		
ASP322	6	-0.011				-0.60			-0.54		
O60	6	0.149	yes	yes	yes	-0.62			0.41		
W12*	6	0.021				1.25			0.68		
O190	6	0.001				0.83			0.48		
ASP933	6	0.098	yes	yes		1.86			0.33		
G1485	6	n.d.				-0.02			0.04		
Asl-1	6	-0.027				0.44			1.37		
O26	6	n.d.				-0.02			0.04		
O167	6	0.000	yes/bal			-0.02			0.04		
G1074	6	0.031				-0.94			-0.71		
G1831	6	0.079	yes	yes		-1.54			-0.03		
G139	6	0.051				-0.74			0.02		
G1260	7	0.277	yes	yes	yes	2.88	yes	yes	1.71		
W17	7	-0.003				-0.18			0.14		
O312	7	-0.016				0.08			-0.47		
G2062	8	-0.020	yes/bal			0.20			-0.04		
O374*	8	0.029	yes			-1.65			-0.62		
O202	8	-0.015				-0.11			0.10		
O268	8	0.068	yes	yes		3.12	yes	yes	1.53		
G1949	9	0.047				1.25			1.06		
O23*	9	0.016				-0.67			-0.70		

G2020	10	0.021			0.45		0.45	
O149	10	-0.027			-0.34		-0.19	
O344	10	0.044			-0.10		-0.69	
G1574	10	0.069	yes		0.04	yes	0.91	
G114*	10	0.014			0.75		0.50	
G1037	11	-0.024			-0.01		-0.08	
G154*	12	0.016			0.10		-0.96	
W05*	12	0.027			0.07		0.03	
G1186	12	0.223	yes		-2.48	yes	-1.31	
G1353	13	-0.001			-0.42		-4.32	yes yes
G162	13	0.007			0.98		1.31	
G1812	14	0.037			-0.16		-0.39	
G1894	15	-0.029			-0.02		-2.15	yes
G1454	15	-0.006			-0.31		-0.16	
G1608	15	0.021			1.50		2.00	yes
O14	16	-0.033			-0.45		-0.25	
O214	18	0.026		yes	0.97		-0.29	
G1577	18	n.d.			-0.10		-0.03	
O28	18	-0.006			0.99		1.03	
O276	19	0.077		yes	0.99		-0.92	
Yin1	19	0.000			-0.13		-2.86	yes
Con58	19	0.009			0.41		0.35	
Yin2	19	0.016			-1.36		-0.19	
O206	19	-0.014			-0.38		1.15	

Trem-Alba		Diversity					
Locus	Lg	lnRH	α		lnRV	α	
			5%	10%		5%	10%
G1719	1	0.80			0.83		
ASP302	1	0.43			0.04		
P2852	1	0.13			0.12		
O30_2	1	0.95			0.44		
O137	1	0.27			-0.71		
G124	1	-0.41			0.03		
G1376	2	-1.68			-1.55		
G1158	2	-0.72			0.19		
G1133*	3	0.07			0.11		
ASP376	3	-0.66			0.03		
O30_1	3	-0.71			0.82		
G1416	3	0.02			0.18		
O203	3	-0.90			-0.16		
G1869	3	-0.10			-0.46		
G1688	3	0.90			0.92		
O220	4	-1.70			-2.11	yes	
O127	4	-1.49			-0.69		
G1809	4	-1.99	yes		-1.46		
G1255	5	0.94			2.39	yes	
G1838	5	-0.24			-0.04		
G20	5	1.36			2.24	yes	
W15	5	0.40			-0.01		
G1065	6	-2.12	yes		-2.02	yes	
O369	6	-0.15			0.13		
G2034	6	1.93	yes		1.30		
ASP322	6	0.51			0.47		
O60	6	0.77			0.38		
W12*	6	0.25			0.07		
O190	6	-0.15			-1.25		
ASP933	6	-0.62			0.57		
G1485	6	-0.05			-1.63		
Asl-1	6	0.03			-0.18		
O26	6	3.12	yes		2.28	yes	
O167	6	0.81			0.26		
G1074	6	-0.10			-0.12		
G1831	6	-0.08			0.11		
G139	6	-2.18	yes		-2.09	yes	
G1260	7	0.40			0.81		
W17	7	0.12			0.52		
O312	7	0.29			0.02		
G2062	8	0.35			0.29		
O374*	8	-1.03			-0.46		
O202	8	0.02			-0.36		
O268	8	0.69			-0.15		
G1949	9	-0.37			-0.55		
O23*	9	0.47			1.34		

G2020	10	0.72	0.34
O149	10	-0.37	-0.24
O344	10	-1.34	-1.53
G1574	10	-1.13	-0.62
G114*	10	-1.40	-1.11
G1037	11	0.01	0.42
G154*	12	n/a	n/a
W05*	12	-0.10	-0.45
G1186	12	0.95	1.11
G1353	13	-0.27	-0.98
G162	13	-0.23	-0.57
G1812	14	0.61	0.43
G1894	15	2.00 yes	1.33
G1454	15	0.25	0.01
G1608	15	0.94	0.12
O14	16	-0.73	-2.13 yes
O214	18	-0.25	0.16
G1577	18	2.33 yes	2.35 yes
O28	18	0.50	-0.44
O276	19	0.24	0.22
Yin1	19	0.06	0.46
Con58	19	0.46	0.72
Yin2	19	-0.24	0.27
O206	19	-1.56	-0.77