

Table 4. Molecular markers showing association with traits evaluated using a Bayesian multiple-QTL model (vBayesB)						
SNP	Trait	Position		Prob	PVE (%)	
		LG	(cM)			
Chr07_33139082	SUC	7	33139082	1.00	0.24	
Chr09_18310939	SUC	9	18310940	0.93	0.09	
Chr12_26930814	SUC	12	26930814	0.99	0.03	
Chr04_29871378	FRU	4	29871378	0.97	0.13	
Chr06_35256785	FRU	6	35256784	0.87	0.01	
Chr10_8714751	FRU	10	8714751	0.97	0.00	
Chr10_31918464	FRU	10	31918464	0.87	0.07	
Chr11_41197041	FRU	11	41197040	0.99	0.03	
Chr14_29691767	FRU	14	29691768	0.99	0.06	
Chr01_27419265	GLU	1	27419264	0.91	0.01	
Chr07_33139082	GLU	7	33139082	0.89	0.25	
Chr10_31918464	GLU	10	31918464	0.87	0.09	
Chr11_41197063	GLU	11	41197064	0.96	0.24	
Chr14_28907638	SOR	14	28907638	1.00	0.00	
Chr15_4672726	SOR	15	4672726	0.88	0.00	
Chr02_2240743	TSC	2	2240743	1.00	0.02	
Chr05_43292357	TSC	5	43292356	1.00	0.02	
Chr07_9849922	TSC	7	9849922	0.98	0.07	
Chr04_5362900	HarT	4	5362900	0.93	0.03	
Chr05_7790403	HarT	5	7790403	1.00	0.00	
Chr05_31445189	HarT	5	31445188	0.98	0.01	
Chr06_7938399	HarT	6	7938399	0.97	0.10	
Chr07_20343398	HarT	7	20343398	0.99	0.01	
Chr13_37081601	HarT	13	37081600	0.97	0.02	
Chr17_4322827	HarT	17	4322827	1.00	0.01	
Chr01_30025944	FruW	1	30025944	0.89	0.05	
Chr07_33920595	FruW	7	33920596	0.95	0.02	
Chr09_1463613	FruW	9	1463613	0.89	0.03	
Chr16_4765134	FruW	16	4765134	0.88	0.00	
Chr02_29263941	FruH	2	29263940	0.91	0.05	
Chr08_6783563	FruH	8	6783563	0.88	0.03	
Chr12_4383743	FruH	12	4383743	0.87	0.11	
Chr02_19653219	SSC	2	19653220	0.91	0.01	
Chr04_30194726	SSC	4	30194726	1.00	0.00	
Chr17_5809940	SSC	17	5809940	1.00	0.08	
Chr01_26225120	Aci	1	26225120	1.00	0.01	
Chr04_9535067	Aci	4	9535067	0.92	0.02	
Chr06_20720912	Aci	6	20720912	0.91	0.13	
Chr06_32310033	Aci	6	32310032	0.95	0.00	
Chr09_15996669	Aci	9	15996669	0.90	0.01	

Traits are as defined in Table 2
Prob indicates posterior probability
PVE indicates the percentage of the phenotypic variance explained by the QTL