Table 1 A summary of QTL studies considered during meta-QTL analysis

QTL study	Parents	Type of population (size)	No. of environments	Traits	Method used for QTL analysis	Reference
1	SUN325B × QT7475	DH (92)	4	Dormancy	IM	Mares et al. 2009
2	SW95-50213 × Cunningham	DH (172)	3	Dormancy	IM	Mares et al. 2005
3	Renan × Recital	RILs (194)	2	PHST and GC	ANOVA	Groos et al.2002
4	RL4452 × AC Domain	DH (185)	6	PHST and dormancy	IM	Rasul et al. 2009
5	Cayuga × Caledonia	DH (209)	16	PHST and Dormancy	IM	Munkvold et al. 2009
6	Zen × CS	RILs (125)	3	Dormancy	IM	Osa et al. 2003
7	Rio Blanco × NW97S186	RILs (171)	4	PHST	IM	Liu et al. 2008
8	T. monococcum × T. boeoticum	RILs (115)	1	Dormancy	IM	Nakamura et al. 2007
9	W7984 × Opata85 (*ITMI pop.*)	RILs (110)	4	PHST	IM	Kulwal et al. 2004
10	SPR8198 × HD2329	RILs (90)	6	PHST	IM	Mohan et al. 2009
11	AC Domain × RL4137	DH (417)	3	PHST, Dormancy and GC	IM	Fofanna et al. 2009
12	Zen × Spica	RILs (41)	6	Dormancy	IM	Kottearachchi et. al 2008
13	Totoumai × Siyang 936	RILs (152)	2	PHST and Dormancy	IM	Chen et al. 2008
14	CN19055 × Annuello	RILs (169)	4	PHST and Dormancy	ANOVA	Ogbonnaya et al. 2008
15	Syn37 × Janz	BC_1F_7 (271)	6	PHST, Dormancy and GC	IM	Imtiaz et al. 2008

RIL; Recombinant inbred line, DH; Doubled haploid, GC; Grain colour, IM; Interval Mapping and ANOVA; Analysis of variance