

Table 2 Summary of QTLs associated with drought tolerance in rice<sup>a</sup>

Cross	Traits	QTL mapping population	Number of QTLs	Reference
CO39×Moroberekan	Osmotic adjustmet and dehydration	RIL*	1	Lilly et al., 1996
IR20×63-83	Leaf size and abscisic acid (ABA) accumulation	F2	17	Quarrie et al., 1997
CT9993×IR62266	Cellular membrane stability (CMS) under drought	DHLs*	9	Tripathy et al., 2000
CT9993×IR62266	Osmotic adjustment under drought	DHLs	5	Zhang et al., 2001
Bala×Azucena	Dehydration avoidance	RILs	17	Price et al., 2002
Bala×Azucena	Yield and its components under drought	RILs	31	Lafitte et al., 2004
CT9993×IR62266	Yield, yield components, panicle sterility	RILs	Many	Jonaliza et al., 2004
Indica×Upland	Productivity, water status, roots	RILs	39	Yue et al., 2005
Indica×Japonica	Dehydration avoidance and dehydration tolerance traits	RILs	Many	Yue et al., 2006
Bala×Azucena	Morphological and physiological traits	RILs	24	Gomez et al., 2007
IRAT 109×Yuefu	Different root traits	RILs	Many	Qu et al., 2008
CT9993×IR62266	Physio-morphological traits	RILs	Many	Subashri et al., 2009
IR 20×Nootripathu	Physio-morphological and yield traits	NILs	22	Gomez et al., 2010
IR64×Kinandang Patong (KP)	Deep rooting	RILs	1	Uga et al., 2011
Low land rice cv. Shennong26 ×Upland rice cv. Haogelao	Photosynthesis parameters	Backcross (ILs)	1~3	Gu et al., 2012

Note: (\*) DHL: doubled haploid lines; RIL: Recombinant inbred lines; NILs: Near Isogenic lines; ILs: Introgression lines; <sup>a</sup>: Similar studies reported in the text have not been included in this table