

**Supplemental Table S3**

Table of primers used in the study, target locus and use are reported

Primer ID	Sequence	Target gene	Use
OsP_1209	ggcaGTCCGGGGGTCAACCTCGTA	HTD1	gRNA + BsaI compatible ends (lowercase)
OsP_1210	aaacTACGAGGTTGACCCCGGAC	HTD1	gRNA + BsaI compatible ends (lowercase)
OsP_1332	TCGATCTTGTAGTGCGCCAG	htd1	genotyping/editing check
OsP_1333	AAGGTGGGCAATGTGAAGGT	htd1	genotyping/editing check
OsP_1367	taggTCTCGACGCCGCCACATGgttttagagctagaa	Gs3_multiplex_frw	gRNA + adaptors Xie et al., (2015)
OsP_1368	cgGGTCTCAGCGTTAACGtgaccagccggg	Gs3_multiplex_rev	gRNA + adaptors Xie et al., (2015)
OsP_1369	taGGTCTCGTGATCGGTTAAGACTgttttagagctagaa	Gw2_multiplex_frw	gRNA + adaptors Xie et al., (2015)
OsP_1370	cgGGTCTCAatcaaagtgtgaccagccggg	Gw2_multiplex_rev	gRNA + adaptors Xie et al., (2015)
OsP_1371	taGGTCTCGGACGGGTAGAGCAgttttagagctagaa	Gn1a_multiplex_frw	gRNA + adaptors Xie et al., (2015)
OsP_1372	cgGGTCTCACGTGCGCCCCtgaccagccggg	Gn1a_multiplex_rev	gRNA + adaptors Xie et al., (2015)
OsP_1578	TCCGCCTCCTTCCTCGAC	Gn1a frw	genotyping/editing check
OsP_1579	TCGAGCTCTAGCACGTTGG	Gn1a rev	genotyping/editing check
Osp_1580	AGCTGTTTGTGCAGAGCAAGT	Gs3 frw	genotyping/editing check
OsP_1581	ATTAACCAATCAGTGCAGCTTCG	Gs3 rev	genotyping/editing check
OsP_1582	TGTTTGCATTTGTGCTAATAGTGG	Gw2 frw	genotyping/editing check
OsP_1583	TGCCAACTGCCAAGGTTACA	Gw2 rev	genotyping/editing check
OsP_1584	TGATCGAGACAAACGGCGAA	pRGEB32 frw Cas9 screen	Cas9 check Xie et al., (2015)
OsP_1585	ACCAGCACAGAATAGGCCAC	pRGEB32 rev Cas9 screen	Cas9 check Xie et al., (2015)
OsP_1883	CATGAACCGCAACAAGTGGG	Gn1a frw	RT PCR
OsP_1884	ACCTCGCAGAAACCCAAGAT	Gn1a rev	RT PCR
OsP_1885	CACAGGGACATCGACCAGAAG	Gw2 frw	RT PCR
OsP_1886	ACTTGGGTAGTACAGGAAGCAG	Gw2 rev	RT PCR
OsP_1887	TCGGAAGAACTCCTGATCCAT	Gs3 frw	RT PCR
OsP_1888	GCACTTGCTCTGCACAAACA	Gs3 rev	RT PCR
Atp_5706	GTGAAGCTCAATAGAGAGGACC	Cas9 frw	pCas9 check Miao et al., (2013)
Atp_5718	CTTGATAATCTTGAGGAGGTCGTGG	Cas9 rev	pCas9 check Miao et al., (2013)
RPAD_G2	TCAAAACGACTTCCTCTGTG	<i>PROG1</i> deletion in <i>O. glaberrima</i> (from Wu et al. 2018)	<i>Kabre</i> genotyping
RPAD_G3	GGACAAAAGCATCTCCTCAA	<i>PROG1</i> deletion in <i>O. glaberrima</i> (from Wu et al. 2018)	<i>Kabre</i> genotyping
RM197_F	GATCCGTTTTTGTGTGCCC	Size polymorphism between <i>O. sativa</i> and <i>O. glaberrima</i> (from Chen et al. 2017)	<i>Kabre</i> genotyping
RM197_R	CCTCCTCTCCGCCGATCCTG	Size polymorphism between <i>O. sativa</i> and <i>O. glaberrima</i> (from Chen et al. 2017)	<i>Kabre</i> genotyping