

Table 3 Candidate genes and their annotations in the target interval

Gene annotation number	Function notes	Functional domain
LOC_Os01g57260	Vacuolar protein sorting-associated protein 28 homolog 2, putative, expressed	VPS28 protein domain
LOC_Os01g57270	Disease resistance RPP13-like protein 1, putative, expressed	NB-ARC, LRR protein domain
LOC_Os01g57280	RP1, putative, expressed	NB-ARC, LRR protein domain
LOC_Os01g57294	Hypothetical protein	ECB2 protein domain
LOC_Os01g57310	RP1, putative, expressed, Blast resistance protein Pi37	NB-ARC, LRR protein domain
LOC_Os01g57324	Expressed protein	Unknow
LOC_Os01g57340	RP1, putative, expressed	NB-ARC, LRR protein domain