

Table S4 Genes identified by sequencing the three BACs spanning the *Qphs.pseru-3AS* region

<i>Brachypodium</i> homologs	Rice homologs	Predicted gene function
Bradi2g00950	LOC_Os01g02080	Peptidyl-prolyl cis-trans isomerase
Bradi2g00980	LOC_Os01g02090	Uncharacterized mRNA-associated protein RAP55
Bradi2g00990	LOC_Os01g02100	Tm3 transposase
Bradi2g01000	LOC_Os01g02110	HLH DNA-binding domain containing protein
Bradi2g01010	no	Cell division cycle
Bradi2g01020	LOC_Os01g02120	Homologous to Mother of FT and TFL1 gene