















Figure S1 The effect changes of 4 QTLs under different background QTLs. Background QTLs mean the QTLs combined with the target QTL. For instance, *Ehd1-1* is the target QTL, *OsMADS50-1* is the background QTL in the combination of *Ehd1-1/OsMADS50-1,* while *Hd3a-1* is the background QTL in the combination of *Ehd1-1/Hd3a-1.*