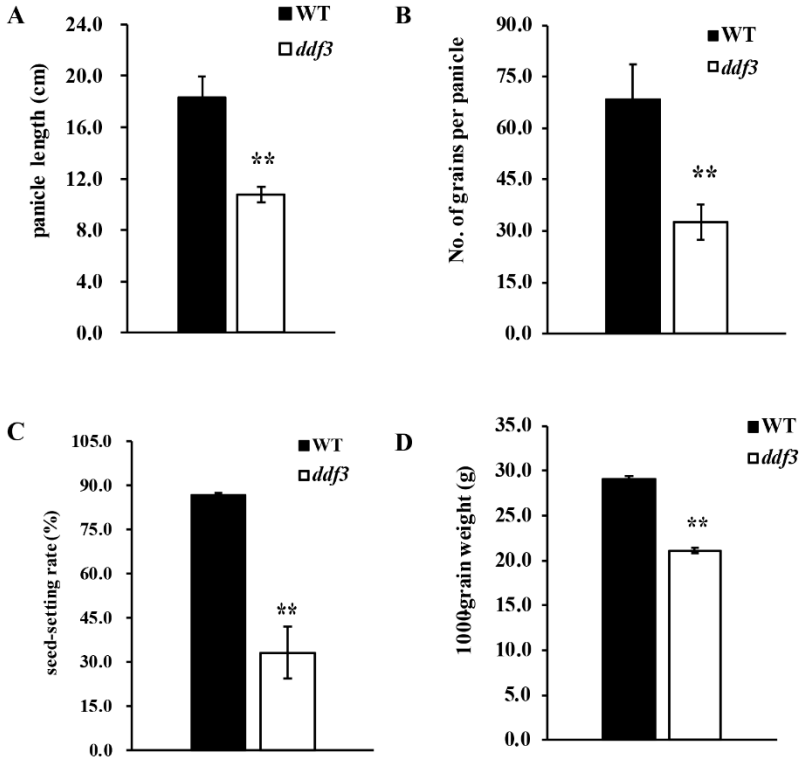

Appendix Comparison of yield traits between *ddf3* and the WT. (a): Panicle length; (b): Number. of grains per panicle; (c): Seed-setting rate; (d): 1000-grain weight. Values are means ± s.d. (n=10 plants). The Student's t-test analysis indicates a significant difference (compared with the WT, **P<0.01).

S1 Table. Primers used for mapping

Primer name	Forward primers (5′-3′)	Reverse primers (5′-3′)
RM11	TCTCCTCTTCCCCCGATC	ATAGCGGGCGAGGCTTAG
RM6403	GAACACGCCAAGAAACCAAC	GTAGCAGCAATGGTGGCTTC
RM234	ACAGTATCCAAGGCCCTGG	CACGTGAGACAAAGACGGAG
M0	TGTTGTCGCAGTGCTTGGG	GTGAGGGACGGAGCTGGT
M5	TTAGAAGGCCAATAGAGGTGGC	CGTTTCGAGACGAAGGGAGT
M14	AATGCCGCCTCTTCCTCG	GAGGTCCCTTACCTTGTCATCG
M15	AAGCCTTCCTTGTCAATTGCTG	TACATGAGCAAGACCCAGCC
M16	ATGTTCTGTGATATGTGATGATTTG	TGTCCACTCTGCCCTATCTGTTTA

S2 Table. Primers used for PCR amplification and sequencing analysis of candidate genes

Primer name	Forward primers (5′-3′)	Reverse primers (5′-3′)
ZF-1	GAGGGCAGATGAAACCCGC	ACCAAGATGGGGATCCAAAGAC
ZF-2	TGTGACAGGCACTCTGTTGTG	AAACGGGAATGGGTTAGGAGT
EP	GATCCTGGGTGCTACCCCCT	CTACCTCTTCCAACTCCGGAAC
FH2-1	AGATGCACCTCTTGTATCATCArG	CATACGGCCTCTTCTACACAG
FH2-2	GGCCTGGTCAGTCCACATTC	ATGCTGTTTCCATTGATGGCTG
P0	AGAAAATCGCTTGGTTCAAAGC	AAACGGGAATGGGTTAGGAGT

S3 Table. Primers used for qRT-PCR

Primer name	Forward primers (5′-3′)	Reverse primers (5′-3′)
Ubi (Ubiquitin)	AACCAGCTGAGGCCCAAGA	ACGATTGATTTAACCAGTCCATGA
qRT-ZF	TCCGCAGATGCTCTTGATAG	ATGAGGAGACAGCCGAGACT
qRT-EP	CTTGATTGTGAAAGGAAAAGATTTT	ACTTGCAGAGGCAGGTAGGTC
qRT-FH2	CGGAAAGCACATGAAGAGAA	TCTGCTTGCAGCTCTTGTTT