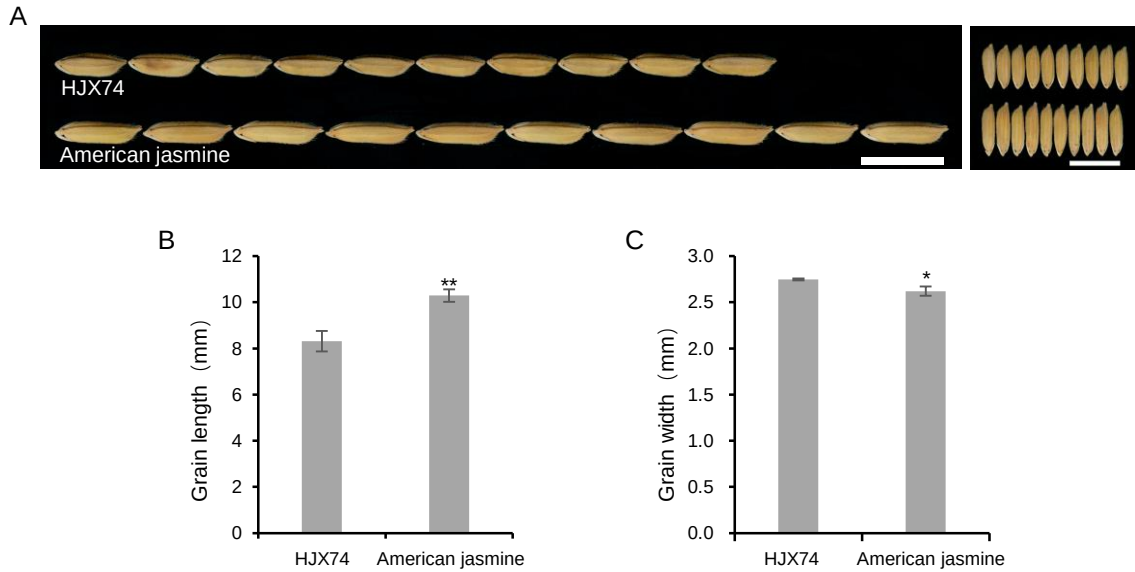




Supplementary Fig. 1 The kernel phenotype of American jasmine

(A).The kernels of HJX74 and American jasmine.

(B-C) The kernel length (B) and kernel width (C) of HJX74 and American jasmine (n=?).

Data was shown as mean $\pm$ SE. Student's t test was used for the evaluation of P value, * $P \leq 0.05$ and ** $P \leq 0.01$.

Scale bar, 1 cm.

Supplementary Table. 1- List of primers used in this study

Primer Name	Sequence	Purpose
DI6-44F	GAAGAGAACATGGTGCTCAA	mapping
DI6-44R	ACATGCCGTCCAAGATGAG	mapping
DI6-30F	TCCCTAATCCATTCCCAGTG	mapping
DI6-30R	AAGCCGATCCGAGCACA	mapping
DI6-47F	GGGTACACCGTCTATCACTG	mapping
DI6-47R	AAAACTTTCAGCAACTTGCA	mapping
DI6-3F	CTACGACTCCAGTTGCTATCC	mapping
DI6-3R	CGGTTGTGTTTAGTTTGTACC	mapping
DI6-41F	TGATATGTCATCGACTCATCGG	mapping
DI6-41R	CCATGAGAAAAGTTGTCCCA	mapping
DI6-75F	GAAGGTGATCTTCTTCCTGG	mapping
DI6-75R	CTCCACATCGAGGTCATCC	mapping
DI6-11F	GCACTCACTACGCATACAGG	mapping
DI6-11R	GAAGAAACAAGCAATCCAAC	mapping
PSM387F	TGTCGTTGAGGAGGTGTATGG	mapping
PSM387R	TTGCCTTCGCACTCCAGTC	mapping
RM540F	GCCTTCTGGCTCATTTATGC	mapping
RM540R	CTAGGCCTGCCAGATTGAAC	mapping
RM469F	AGCTGAACAAGCCCTGAAAG	mapping
RM469R	GACTTGGGCAGTGTGACATG	mapping
RM403F	GCTGTGCATGCAAGTTCATG	mapping
RM403R	ATGGTCCTCATGTTTCATGGC	mapping
RM588F	GTTGCTCTGCCTCACTCTTG	mapping
RM588R	AACGAGCCAACGAAGCAG	mapping
RM19350F	CCAGCTGCTTGTGATCAAGTCG	mapping
RM19350R	TGCTAGTGCAATGCCAATACTACTGC	mapping
RM510F	AACCGGATTAGTTTCTCGCC	mapping
RM510R	TGAGGACGACGAGCAGATTC	mapping
RM3463F	CGGCTCCTCTGTTGTTGC	mapping
RM3463R	GATTCGAAACCACCAACCAC	mapping
RM19367F	CGTCATGTCGCGGAGGTAAGC	mapping
RM19367R	AGGCGTACGTGGAGCAGAGTGC	mapping
RM197F	GATCCGTTTTTGCTGTGCCC	mapping
RM197R	CCTCCTCTCCGCCGATCCTG	mapping
RM225F	TGCCCATATGGTCTGGATG	mapping
RM225R	GAAAGTGGATCAGGAAGGC	mapping
RM217F	ATCGCAGCAATGCCTCGT	mapping
RM217R	GGGTGTGAACAAAGACAC	mapping
RM19519F	CCCAGCAGAATGAGAAATAGCC	mapping
RM19519R	TGATCATGCTTGCTTCTGTTCC	mapping
RM111F	CACAACCTTTGAGCACCGGGTC	mapping
RM111R	ACGCCTGCAGCTTGATCACCGG	mapping

Primer Name	Sequence	Purpose
EXPA5F	ACTTCTGCCCCGCCGAACAAC	qPCR
EXPA5R	GCCTTGAAGAGAGCGATGCG	qPCR
EXPA13F	CCTGGGAGAAGATCGGCATC	qPCR
EXPA13R	GAAGTAGTCGTGCCCGTTG	qPCR
EXPA19F	CATTGGCATCTACAACGCCG	qPCR
EXPA19R	CCAGCACCAGCTCGAAGTAG	qPCR
EXPA24F	TCTACCGTGCTGGCATCATC	qPCR
EXPA24R	GCCCATTGATGGTAAACCGC	qPCR
EXLA4F	TAAGGTGCAGAGACCGGAG	qPCR
EXLA4R	TCCTCGGTGATGCGAAACTG	qPCR
EXPB3F	AAGATGCGTCAACCACCCTG	qPCR
EXPB3R	AGTGGTACTTGAAAACGGGG	qPCR
EXPB6F	GCCTCGACTCCAACCAC	qPCR
EXPB6R	CTAGCTGAACTGGACGATGG	qPCR
EXPB7F	TTCAAGGACGGCAAGGGATG	qPCR
EXPB7R	GGTACAGCGACACTGGGTAG	qPCR
EXPB14F	AGCTCCCAGTCCAATACGC	qPCR
EXPB14R	CGAGGTAGTACTGGTTGGAGC	qPCR
qGS2F	TGCGTCCCTTCTTTGATGAGT	qPCR
qGS2R	ACAGTTGGGTGCCTGAGAATG	qPCR
qGS3F	CATCGGAGAAGCGAAGTCAT	qPCR
qGS3R	TTGAGGTTGAAGGAGGAGGA	qPCR
qGL3F	TCACAACTCCCAGGATAGG	qPCR
qGL3R	TTTGTCTCGCTCGCTCAT	qPCR
qGL6F	CCACCACCACCACCAGTACT	qPCR
qGL6R	TCTTCTTCCTCGGGACATCG	qPCR
qOML4F	ATTGGTGGTCCATCTCCTCA	qPCR
qOML4R	TCATTTCTTCGGCTCCTCAT	qPCR
qGL7F	CCCCTAGCATCGACACCAAG	qPCR
qGL7R	CGGGTTCCAGCACTCCTCT	qPCR
qGL10F	GACCGCTATAAAGCATAACACA	qPCR
qGL10R	TCATGTGGTTAGCCACCAGC	qPCR
qMADS1F	GAGAATGTGCTCCATATG	qPCR
qMADS1R	TGCTCAGATGGTCCATGTAG	qPCR