Sequence evidence for intergeneric DNA introgression from *Haynaldia villosa* 6VS chromosome into wheat near-isogenic lines

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Supplementary Table 1. A total of 15 types of AFLP patterns in the different wheat.

Wheat Types	*H. villosa*	TVS.6AL	NIL	Jing411
I	+	+	+	+
II	-	+	+	+
III	+	-	-	-
IV	-	+	+	-
V	+	-	-	+
VI	+	+	-	-
VII	-	-	+	+
VIII	+	+	+	-
IX	-	-	-	+
X	+	-	+	+
XI	-	+	-	-
XII	-	+	-	+
XIII	+	-	+	-
XIV	+	+	-	+
XV	-	-	+	-

"+" present；"-"not present

Supplementary Table 2. Twenty-one fragments co-present in *H. villosa*, T6VS.6AL and NIL.

AFLP fragments no.		Size (bp)	Material	Selection primers
	D5H	270	*H. villosa*	EACG/M14
Group D5	D56	269	T6VS.6AL	EACG/M14
	D5N	269	NIL	EACG/M14
	D6H	301	*H. villosa*	EACG/M14
Group D6	D66	301	T6VS.6AL	EACG/M14
	D6N	301	NIL	EACG/M14
	F2H	434	*H. villosa*	EATC/M6
Group F2	F26	434	T6VS.6AL	EATC/M6
	F2N	611	NIL	EATC/M6
	F4H	553	*H. villosa*	EATC/M6
Group F4	F46	279	T6VS.6AL	EATC/M6
	F4N	278	NIL	EATC/M6
	F6H	330	*H. villosa*	EATC/M2
Group F6	F66	329	T6VS.6AL	EATC/M2
	F6N	330	NIL	EATC/M2
	F8H	343	*H. villosa*	EACC/M2
Group F8	F86	344	T6VS.6AL	EACC/M2
	F8N	344	NIL	EACC/M2
	F13H	306	*H. villosa*	EACC/M1
Group F13	F136	306	T6VS.6AL	EACC/M1
	F13N	304	NIL	EACC/M1

Supplementary Table 3. Adapters and re-amplification primers for AFLP analysis.

Adapters and primers	Sequences
EcoR I adapter	5'-CTCGTAGACTGCGTACC-3'
	3'-CATCTGACGCATGGTTAA-5'
Mse I adapter	5'-GACGATGAGTCCTGAG-3'
	3'-TACTCAGGACTCAT-5'
Pre-amplified primers	5'-GAC TGC GTA CCA ATT C-3'
	5'-GAT GAG TCC TGA GTA A-3'

Supplementary Table 4. Selective amplification primers for AFLP analysis.

Code of *EcoR* I selective primers	sequence	Code of *Mse* I selective primers	sequence
E1	5'-gACTgCgTACCAATTCAAg-3'	M1	5'-gATgAgTCCTgAgTAACAA-3'
E2	5'-gACTgCgTACCAATTCACA-3'	M2	5'-gATgAgTCCTgAgTAACAg-3'
E3	5'-gACTgCgTACCAATTCAAC-3'	M3	5'-gATgAgTCCTgAgTAACAT-3'
E4	5'-gACTgCgTACCAATTCACC-3'	M4	5'-gATgAgTCCTgAgTAACTg-3'
E5	5'-gACTgCgTACCAATTCACT-3'	M5	5'-gATgAgTCCTgAgTAACCT-3'
E6	5'-gACTgCgTACCAATTCACg-3'	M6	5'-gATgAgTCCTgAgTAACTA-3'
E7	5'-gACTgCgTACCAATTCAgC-3'	M7	5'-gATgAgTCCTgAgTAACgA-3'
E8	5'-gACTgCgTACCAATTCAgg-3'	M9	5'-gATgAgTCCTgAgTAACgC-3'
E9	5'-gACTgCgTACCAATTCATC-3'	M10	5'-gATgAgTCCTgAgTAACCA-3'
		M11	5'-gATgAgTCCTgAgTAACAC-3'
		M12	5'-gATgAgTCCTgAgTAACgT-3'
		M13	5'-gATgAgTCCTgAgTAATCT-3'
		M14	5'-gATgAgTCCTgAgTAAACC-3'
		M15	5'-gATgAgTCCTgAgTAAgCA-3'