

Table S1 Year of release and pedigree of seven weak-winter-type and six semi-winter-type wheat cultivars planted in the Yangtze River basin, China.

Type ^a	Cultivar	Year of release	Pedigree
Weak-winter	Annong 1124	2016	02P67/Annong 95081–8
	Sumai 188	2012	Selection from Yangfumai 2
	Yangmai 23	2013	Yangmai 16/Yangfu 93–11
	Yangmai 20	2010	Yangmai 10/Yangmai 9
	Ningmai 13	2006	Selection from Ningmai 9
	Haomai 1	2013	W 4062/Zhengnong 11
	Yangmai 16	2004	Yang 91F138×Yang 90–30
Semi-winter	Zhengmai 9023	2003	{(Xiaoyan 6×Xinong 65)×[83(2)3-3×84(14)43]}F3×Shan 213
	Emai 596	2009	Zhengmai 9023/Emai 12/Fengyou 7
	Annong 0711	2014	Yannong 19/Annong 0016
	Emai 580	2012	Taigu genic male sterile/957565
	Huaimai 35	2013	Zhoumai 13/Xinmai 9
	Jimai 22	2006	935024/935106

^a Weak-winter and semi-winter types of cultivars were bred in the southern and northern Yangtze River basin, respectively.