

Supplementary Material

Supplementary Tables

Supplementary Table S1 Different cotton genotypes from the Yellow and Yangtze River basins.

No.	Cultivar	Authorized number	No.	Cultivar	Authorized number
1	Jifeng 554	Jishenmian 2009003	41	Hanwu 216	Jishenmian 2014010
2	Jifeng 103	Jishenmian 20190008	42	Zhongmian 100	Guoshenmian 2016003
3	Jifeng 522	Jishenmian 20050552	43	Zhongmiansuo 79	Yushenmian 2010006
4	Jifeng 908		44	Cangmian 666	Lushenmian 20160030
5	Jifeng 914	Guoshenmian 2015003	45	Han 6203	Guoshenmian 2015002
6	Jifeng 1982	Jishenmian 2014001	46	Shikang 126	Guoshenmian 2008002
7	Jifeng 4	Guoshenmian 20210020	47	Cang 198	Jishenmian 2007006
8	7886	GSM08003	48	Ji 228	Guoshenmian 2008003
9	Cangmian 268	Lushenmian 20160030	49	Guoxinmian 9	Guoshenmian 2009004
10	Jimian 315	Jishenmian 20190010	50	K836	Lushenmian 2012018
11	Han 218	Jishenmian 2015003	51	Lumian 522	Lushenmian 20170041
12	Hannong 12		52	Lumian 5172	
13	Han 8266	Guoshenmian 2014001	53	K638	Lushenmian 2010010
14	Han 258	Jishenmian 2015009	54	Guoxin 4	Jishenmian 2006008
15	Han 686	Yushenmian 2011010	55	Jifeng1187	Jishenmian 20200005
16	YM111	Guoshenmian 20170002	56	Jifeng 1458	Jishenmian 20200004
17	Nongda KZ05	Jishenmian 2013006	57	Jifeng 103	Guoshenmian 20190014
18	Nongdamian 10	Jishenmian 2015007	58	Jifeng 914	Guoshenmian 2015003
19	Nongdamian 12	Jishenmian 2014011	59	Jifeng 965	
20	Lumianyan 28	Guoshenmian 2006012	60	MH335223	Jishenmian 20190018
21	Xuzhou 1818	I3A01080	61	Guoxinmian 11	Guoshenmian 2009001
22	Zhongmiansuo 41	Guoshenmian 2002001	62	Zhongmiansuo 17	xinshemian19980071991
23	Shandongxiamian11-42		63	Chunbeibao	
24	Zhongmiansuo 12	Lushenmian 0064	64	Zhongmiansuo 60	Zheshenmian 2007002
25	Yumian 19	Guoshenmian 2001002	65	CG3020-3	
26	Ejing 1	GS08002-1991	66	Jimian 2016	Jishenmian 20199002
27	Zhongmiansuo 35	Guoshenmian 990005	67	Ji 1518	Jishenmian 2014005
28	Zhongmiansuo 60	Shanshenmian 2013001	68	Jihang 8	Jishenmian 20190009
29	Xinshi 71143	Guoshenmian 2014004	69	Jimian 262	Jishenmian 20200002
30	Xinza 15	Jishenmian 2014007	70	Ji 178	Jishenmian 2015010
31	Xinshi 17	Jishenmian 2015004	71	Ji 172	Jishenmian 20210003
32	GK39	Guoshenmian 2015008	72	Yuzaomian 9110	Yushenmian 2012006
33	0 shi		73	Dexiamian 1	Lushenmian 0220
34	Zhongmiansuo 94A915	Jinshenmian 2016002	74	Jicai 6913	
35	Lumianyan 36	Lushenmian 2009022	75	Zhongmiansuo 23	Guoshenmian 980007
36	DP33B		76	Zhongmiansuo 50	Guoshenmian 2007013
37	Guoxinmian01	Yushenmian 2009004	77	Ji668	Guoshenmian 2001001
38	Guoxinmian02		78	Zhibao 86-1	GS08009-1984
39	Guoxinmian03	Guoshenmian 2006003	79	Jimian 958	Guoshenmian 2006005
40	Guoxinmian05	Guoshenmian 2006003	80	Jifeng 1271	Jishenmian 2012002