

**Table S3.** Watermelon accessions used in this study.

No.	Accession	Types	Source
1	ZXG1555	Andromonoecious	Zhengzhou Fruit Research Institute, CAAS
2	ZXG1553	Andromonoecious	Zhengzhou Fruit Research Institute, CAAS
3	W202101	Monoecious	Laboratory-maintained
4	W202104	Monoecious	Laboratory-maintained
5	W202106	Monoecious	Laboratory-maintained
6	W202107	Monoecious	Laboratory-maintained
7	W202110	Monoecious	Laboratory-maintained
8	W202111	Monoecious	Laboratory-maintained
9	W202112	Monoecious	Laboratory-maintained
10	W202114	Monoecious	Laboratory-maintained
11	W202115	Monoecious	Laboratory-maintained
12	W202118	Monoecious	Laboratory-maintained
13	W202121	Monoecious	Laboratory-maintained
14	W202122	Monoecious	Laboratory-maintained
15	W202123	Monoecious	Laboratory-maintained
16	W202125	Monoecious	Laboratory-maintained
17	W202126	Monoecious	Laboratory-maintained
18	W202127	Monoecious	Laboratory-maintained
19	JQ13-3	Monoecious	Anhui Jianghuai Horticulture Technology Co., Ltd.
20	W15-59	Monoecious	Laboratory-maintained
21	JinTong	Monoecious	Laboratory-maintained
22	CoolCharge	Monoecious	Laboratory-maintained
23	Z-05	Monoecious	Laboratory-maintained
24	W1-1	Monoecious	Laboratory-maintained
25	ZXG228	Monoecious	Zhengzhou Fruit Research Institute, CAAS
26	ZXG157	Monoecious	Zhengzhou Fruit Research Institute, CAAS
27	W1-61	Monoecious	Laboratory-maintained
28	ZXG1525	Monoecious	Zhengzhou Fruit Research Institute, CAAS
29	ZXG783	Monoecious	Zhengzhou Fruit Research Institute, CAAS
30	ZXG55	Monoecious	Zhengzhou Fruit Research Institute, CAAS
31	479	Monoecious	Laboratory-maintained
32	97103	Monoecious	<a href="http://cucurbitgenomics.org">http://cucurbitgenomics.org</a>