

Supplementary material**Table S1. *B. juncea* germplasm and source**

No	Genotype	Source	No	Genotype	Source
1	Varuna	India	16	PBR 91	India
2	RH 819	India	17	Vaibhav	India
3	Sej 2	India	18	RLM 619	India
4	Kranti	India	19	GM 1	India
5	PCR 7	India	20	Haoyou 11	China
6	Sanjucta Asech	India	21	Tunliuhuangjie	China
7	RH 30	India	22	Datonghuangyoucai	China
8	PBR 97	India	23	Qianxianjiecai	China
9	RH 8113	India	24	Yilihuang	China
10	NDR 8501	India	25	Hetianyoucai	China
11	Vardan	India	26	Jinshahuang	China
12	Prakash	India	27	Manasihuang	China
13	Seeta	India	28	Xinyou 5	China
14	RL 1359	India	29	Xinyou 8	China
15	Rohini	India	30	Xinyou 9	China