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**Development and validation of breeder-friendly functional markers of *sugary1* gene encoding starch-debranching enzyme affecting kernel sweetness in maize (*Zea mays*)**

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**Table S1. Pedigree details of parents used in present study**

S. No.	Inbred	Pedigree	Source
1	HKI323Q	(HKI323///HKI161)-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
2	HKI1105Q	(HKI1105///CML161)-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
3	HKI1128Q	(HKI1128///HKI193-1)-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
4	HKI161	Selection from CML161	CCS-HAU, Uchani, India
5	VQL1	(V360///CML 189)-bb##-b	VPKAS, Almora, India
6	MGU-SU101	(V390/(CM137/ <i>su1su1F4</i> ))-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
7	MGU-SU102	(CM143/SCH- <i>su1su1</i> )-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
8	MGU-SU103	(DM-RIL66/VL- <i>su1su1</i> )-3-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
9	MGU-SU104	(DM-RIL66/VL- <i>su1su1</i> )-5-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
10	MGU-SU105	(CM145///RIL91- <i>su1su1</i> )-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India
11	MGU-SU106	(CM153///SCH- <i>su1su1</i> )-⊗-⊗-⊗-⊗-⊗-⊗-⊗-⊗	IARI, New Delhi, India