

Table S1 Information about the 53 inducers analyzed in this study.

Name ^a	Country	Source ^b	Pedigree ^c	Type ^d	CR ^e	HET ^f	HIR ^g	Reference ^h
Stock6.M741B	US	MGCSC	Unknown	–	0.997	0.002	2.3	Coe
Stock6.M741C*	US	MGCSC	Unknown	–	0.995	0.000	2.3	Coe
Stock6.M741F*	US	MGCSC	Unknown	–	0.992	0.003	2.3	Coe
Stock6.M741H*	US	MGCSC	Unknown	–	0.991	0.025	2.3	Coe ; Eder & Chalyk
Stock6.M741I	US	MGCSC	Unknown	–	0.993	0.000	2.3	Coe
Stock6.HOH	US	UHOH	Unknown	–	0.992	0.008	2.3	Coe
Stock6.INRA	US	INRA	Unknown	–	0.994	0.001	2.3	Coe
Stock6.ROM*	US	USAMV	Unknown	–	0.995	0.007	2.3	Coe
ACIR*	IN	IARI	(Stock6×ACR)×Stock6	3	0.986	0.007	3	Sarkar
CAU079	CN	CAU	CAUHOI×UH400	5	0.992	0.001	6	Xu et al.
CAU5	CN	CAU	CAUHOI×UH400	5	0.991	0.003	8	Xu et al.
CAUHOI*	CN	CAU	BHO×Stock6	4	0.988	0.001	3	Prigge et al.
HZI1.1	CN	HZAU	Synthetic including Stock6	4	0.992	0.005	6-8	FQ
HZI1.2	CN	HZAU	Synthetic including Stock6	4	0.990	0.008	4-6	FQ
HZI10	CN	HZAU	Synthetic including CAUHOI	4	0.986	0.021	6-8	FQ
HZI12	CN	HZAU	Synthetic including CAUHOI	4	0.982	0.030	5-6	FQ
IN003	DE	UHOH	(UH400×CAUHOI)×UH400	5	0.994	0.001	9	WS
IN004	DE	UHOH	UH400×UKW	5	0.993	0.002	9	WS
IN012a	DE	UHOH	UH400×RWS	5	0.992	0.014	10	WS
IN012b	DE	UHOH	UH400×RWS	5	0.987	0.011	11	WS
IN0604a*	DE	UHOH	(UH400×CAUHOI)×HOS	1	0.986	0.002	10	WS
IN0604c	DE	UHOH	(UH400×CAUHOI)×HOS	1	0.951	0.006	3	WS

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IN0605a	DE	UHOH	((UH400×RWS)×HOS)×UH400	3	0.981	0.001	6	WS
IN0605b	DE	UHOH	((UH400×RWS)×HOS)×UH400	3	0.986	0.001	8	WS
IN0703*	DE	UHOH	((UH400×CAUHOD)×HOS)×RWS	3	0.993	0.002	11	WS
IN0803*	DE	UHOH	((UH400×RWS)×HOS)×(UH400×HOS)	2	0.985	0.006	5	WS
IN0805a*	DE	UHOH	((UH400×CAUHOD)×HOS)×((UH400×RWS)×HOS)	2	0.981	0.008	4	WS
IN0805b	DE	UHOH	((UH400×CAUHOD)×HOS)×((UH400×RWS)×HOS)	2	0.972	0.011	3	WS
IN0805c	DE	UHOH	((UH400×CAUHOD)×HOS)×((UH400×RWS)×HOS)	2	0.892	0.015	3	WS
LfL5010	DE	LfL	MHI×RWS	5	0.995	0.005	17	JE
LfL5016	DE	LfL	MHI×RWS	5	0.997	0.001	10	JE
LfL5017	DE	LfL	MHI×RWS	5	0.997	0.004	17	JE
MHI*	MD	IG	KMS×ZMS	5	0.910	0.005	7-9	Chalyk
PHI.1	RO	USAMV	MHI×Stock6	5	0.989	0.029	11-12	Rotarenco et al.
PHI.2	RO	USAMV	MHI×Stock6	5	0.986	0.020	12-15	Rotarenco et al.
PHI.3	RO	USAMV	MHI×Stock6	5	0.983	0.019	14-15	Rotarenco et al.
PHI.4	RO	USAMV	MHI×Stock6	5	0.995	0.000	10-16	Rotarenco et al.
PK6	FR	INRA	Synthetic of Stock6, WS14, FIGH1 and MS1334	4	0.991	0.001	6	Barret et al.
RWK	DE	UHOH	KEMS×WS14	5	0.996	0.000	9-10	Geiger
RWS*	DE	UHOH	KEMS×WS14	5	0.998	0.000	8	Röber et al.
TAIL5*	MX	CIMMYT	(CML451×(RWS×RWK))×(RWS×RWK)	3	0.990	0.018	5	Prigge et al.
TAIL7	MX	CIMMYT	(CML494×(RWS×RWK))×(RWS×RWK)	3	0.992	0.003	11	Prigge et al.
TAIL8	MX	CIMMYT	(CML494×(RWS×RWK))×(RWS×RWK)	3	0.988	0.022	11	Prigge et al.
TAIL9	MX	CIMMYT	(CML494×(RWS×UH400))×(RWS×UH400)	3	0.978	0.028	10	Prigge et al.
UH400*	DE	UHOH	KEMS	4	0.998	0.000	8	Prigge et al.
UH401	DE	UHOH	KEMS	4	0.985	0.000	8	WS

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UH403	DE	UHOH	UH400×CAUHOI	5	0.994	0.014	9	WS
UKW*	DE	UHOH	KEMS×WS14	5	0.976	0.006	11	WS
WS14	FR	INRA	Stock6×W23ig	1	0.991	0.002	3-5	Lashermes & Beckert
ZMK1F3	RU	KLARI	Zarodishevy marker krasnodar (ZMK1) synthetic	4	0.963	0.039	5-8	Shatskaya
ZMK1U	RU	KLARI	ZMK1 synthetic	4	0.953	0.082	3-10	Zabirova et al.
KMS*	RU	SSU	Brown Marker × Stock6	1	0.964	0.009	2-4	AZ
ZMS8*	RU	SSU	ZM × KMS	1	0.758	0.040	8-10	Zavalishina et al.

^aName: *indicates lines genotyped with the 600k chip

^bSource:

CAU = China Agricultural University, Beijing, China

CIMMYT = International Maize and Wheat Improvement Center, Mexico

HZAU = Huazhong Agricultural University, Wuhan, China

IARI = Indian Agricultural Research Institute, India

IG = Institute of Genetics, Kishinev, Moldova

INRA = The National Institute for Agricultural Research, France

KLARI = Krasnodar Lukyanenko Agricultural Research Institute, Russia

LfL = Bayerische Landesanstalt für Landwirtschaft, Freising, Germany

MGCSC = Maize Genetics Cooperation Stock Center, Illinois, United States of America

SSU = Saratov State University, Russia

UHOH = University of Hohenheim, Stuttgart, Germany

USAMV = University of Agronomic Science and Veterinary Medicine, Bucharest, Romania

^cPedigree:

BHO = Beijing High Oil Synthetic

HOS = Hohenheim High Oil Synthetic

KEMS = Krasnodar Embryo Marker Synthetic

^dType of source population:

1 = N×I, in which I=inducer and N=non-inducer

2 = (I×N)×(I×N)

3 = (I×N)×I

4 = Synthetic

5 = I×I

^eCall rate

^fHeterozygosity

^gHaploid induction rate according to literature or personal communication

^hReference:

FQ = F. Qiu, personal communication 2013

JE = J. Eder, personal communication 2013

WS = W. Schipprack, personal communication 2013

AZ = Alexandra Zavalishina, personal communication 2014