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Molecular, genetic and evolutionary analysis of a paracentric inversion in *Arabidopsis thaliana*

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S4 Table. List of 174 accessions inferred to have the inversion (few of the 250k Chip SNPs found within the inversion region segregate in this group, which includes Col-0 and Ws-0)

native name	latitude	longitude	site	region	country	stockparent	present in 1001 list of inversion accessions
Uod-2	48.3000	14.4500	Uod	Western Europe	AUT		-
H55	49.0000	15.0000	Relichova	Central Europe	CZE	CS923	+
MIB-19	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-23	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-28	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-34	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-35	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-47	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-60	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-62	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-70	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-76	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-80	47.3833	5.3167	MIB	Western Europe	FRA		-
MIB-84	47.3833	5.3167	MIB	Western Europe	FRA		-
Ak-1	48.0683	7.6255	Ak	Western Europe	GER	CS6602	+
Bch-4	49.5166	9.3166	Bch	Western Europe	GER	CS6611	-
Ca-0	50.2981	8.2661	Ca	Western Europe	GER	CS6658	+
Do-0	50.7224	8.2372	Do	Western Europe	GER	CS6683	+
En-T	50.0000	8.5000	En	Western Europe	GER	CS6176	-
Ep-0	50.1721	8.3891	Ep	Taunus Mountains	GER	CS6697	-
Fr-4	50.1102	8.6822	Fr	Western Europe	GER	CS6710	-
Ga-2	50.3000	8.0000	Ga	Western Europe	GER	CS6715	-
Gd-1	53.5000	10.5000	Gd	Western Europe	GER	CS1185	+
Gu-0	50.3000	8.0000	Gu	Western Europe	GER	CS22617	+
Gu-0	50.3000	8.0000	Gu	Western Europe	GER	CS6730	+
Gu-1	50.3000	8.0000	Gu	Western Europe	GER	CS6731	-
Ha-0	52.3721	9.7357	Ha	Western Europe	GER	CS6733	+
Kelsterbach-2	50.0667	8.5333	Kelsterbach	Western Europe	GER	CS6102	-
Kro-0	50.0742	8.9662	Kro	Western Europe	GER	CS6766	+
Li-5:3	50.3833	8.0666	Li	Western Europe	GER	CS6776	-
Ma-0	50.8167	8.7667	Ma	Western Europe	GER	CS6789	-
Nw-0	50.5000	8.5000	Nw	Western Europe	GER	CS6811	+
Nw-0	50.5000	8.5000	Nw	Western Europe	GER	CS1409	+
Nw-2	50.5000	8.5000	Nw	Western Europe	GER	CS6813	-
Nw-4	50.5000	8.5000	Nw	Western Europe	GER	CS6815	-
Ob-0	50.2000	8.5833	Ob	Western Europe	GER	CS6816	+
Ob-1	50.2000	8.5833	Ob	Western Europe	GER	CS6817	-
Or-0	50.3827	8.0116	Or	Western Europe	GER	CS6822	+
Pf-0	48.5479	9.1103	Pf	Western Europe	GER	CS6831	-
Si-0	50.8738	8.0234	Si	Western Europe	GER	CS6861	+
Vi-0	50.1946	8.7464	Vi	Taunus Mountains	GER	CS6883	-

Wt-3	52.3000	9.3000	Wt	Western Europe	GER	CS6894	-
Pa-3	38.0700	13.2200	Pa	Sicily	ITA	CS6827	-
Mt-0	32.3400	22.4600	Mt	Cyrenaica	LIB	CS22642	-
Mh-0	50.9500	7.5000	Mh	Western Europe	GER	CS6792	+
Mh-1	50.9500	7.5000	Mh	Western Europe	GER	CS6793	-
Ws	52.3000	30.0000	Ws	Eastern Europe	RUS	CS915	-
Ws-2	52.3000	30.0000	Ws	Eastern Europe	RUS	CS22659	+
Ale-Stenar-64-24	55.3833	14.0500	Ales Stenar	S Sweden	SWE		+
Ale1-2	55.3838	14.0612	Ale1	S Sweden	SWE		-
Bil-3	63.3240	18.4840	Bil	N Sweden	SWE		-
Lom1-1	56.0900	13.9000	Lom1	S Sweden	SWE		+
Rvåd-17-319	62.8000	18.2000	Rvåd	N Sweden	SWE		+
Ste 4	57.8009	18.5162	Stenkyrka	S Sweden	SWE		+
TvNL 07	62.6322	17.6906	TvNL	N Sweden	SWE		+
T540	55.7967	13.1044	Kvšvlinge 10	S Sweden	SWE		+
T910	55.9406	13.5383	Hvðvðr 13	S Sweden	SWE		-
Ba-1	56.5459	-4.7982	Black Mount (Ba)	Northern Europe	UK	CS6607	+
UKID1	56.8000	-3.9000	Aberfeldy	Scotland	UK		o
UKID23	55.3000	-1.8000	Cragside	England	UK		o
UKID5	53.2000	-4.1000	Bangor	Wales	UK		o
UKID64	51.3000	1.0000	Rough Common	England	UK		o
UKSE06-254	51.3000	0.5000	East Malling village	England	UK		o
UKSE06-466	51.2000	0.4000	Paddock Wood	England	UK		o
UKSW06-262	50.3000	-4.9000	St Stephens	England	UK		o
11ME1.34	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		-
11ME1.41	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		-
11ME1.44	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		-
11ME2.12	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		-
11PNA1.15	42.0945	-86.3253	PNA	Midwest	USA		o
11PNA1.4	42.0945	-86.3253	PNA	Midwest	USA		o
11PNA1.6	42.0945	-86.3253	PNA	Midwest	USA		o
11PNA1.9	42.0945	-86.3253	PNA	Midwest	USA		o
11PNA3.18	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA3.63	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA3.65	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA3.71	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA3.86	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA4.101	42.0945	-86.3253	PNA	Midwest	USA		-
11PNA4.129	42.0945	-86.3253	PNA	Midwest	USA		-
328ME007	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		-
627ME-13Y1	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		o
627ME-4MI1	42.0930	-86.3590	ME (Benton Harbor)	Midwest	USA		o
627PNA-1Y1	42.0945	-86.3253	PNA	Midwest	USA		-
627PNA-2B3	42.0945	-86.3253	PNA	Midwest	USA		-
Buckhorn Pass	41.3599	-122.7550	Buckhorn Pass	Northern California	USA	CS8067	+
Col-0	38.3000	-92.3000	Col	Midwest	USA	CS22625	+
Dem-4	41.1876	-87.1923	Dem	Midwest	USA		+
KBS-Mac-15	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o
KBS-Mac-16	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o
KBS-Mac-23	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o
KBS-Mac-28	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o
KBS-Mac-33	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o
KBS-Mac-41	42.4050	-85.3980	KBS-Mackay	Midwest	USA		o

KBS-Mac-43	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-53	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-58	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-64	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-72	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-73	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-75	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-76	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-78	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-8	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-88	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-89	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-91	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-95	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
KBS-Mac-96	42.4050	-85.3980	KBS-Mackay	Midwest	USA		0
Ker-38	42.1840	-86.3580	Ker	Midwest	USA		-
Kno-10	41.2816	-86.6210	Knox	Midwest	USA	CS22566	+
KNO-11	41.2816	-86.6210	Knox	Midwest	USA	CS22411	0
KNO1.37	41.2730	-86.6250	Knox35	Midwest	USA		+
KNO2.77	41.2730	-86.6250	Knox35	Midwest	USA		-
Map-42	42.1660	-86.4120	Map	Midwest	USA		+
Mdn-1	42.0510	-86.5090	Mdn	Midwest	USA		+
ME3.41	42.0930	-86.3590	ME (Benton Harbor	Midwest	USA		-
ME3.51	42.0930	-86.3590	ME (Benton Harbor	Midwest	USA		-
ME4.20	42.0930	-86.3590	ME (Benton Harbor	Midwest	USA		-
MNF-Che-2	43.5251	-86.1843	MNF-Cherry	Midwest	USA		+
MNF-Che-3	43.5251	-86.1843	MNF-Cherry	Midwest	USA		0
MNF-Che-41	43.5251	-86.1843	MNF-Cherry	Midwest	USA		0
MNF-Che-45	43.5251	-86.1843	MNF-Cherry	Midwest	USA		0
MNF-Che-58	43.5251	-86.1843	MNF-Cherry	Midwest	USA		0
MNF-Jac-21	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-22	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-26	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-30	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-31	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-32	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Jac-9	43.5187	-86.1739	MNF-Jack	Midwest	USA		-
MNF-Pot-21	43.5950	-86.2657	MNF-Potter	Midwest	USA		+
MNF-Pot-46	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-47	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-48	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-56	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-60	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-61	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-68	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-69	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-75	43.5950	-86.2657	MNF-Potter	Midwest	USA		+
MNF-Pot-76	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-79	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-8	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
MNF-Pot-80	43.5950	-86.2657	MNF-Potter	Midwest	USA		-
Paw-1	42.1480	-86.4310	Paw	Midwest	USA		0
Paw-11	42.1480	-86.4310	Paw	Midwest	USA		0

Paw-14	42.1480	-86.4310	Paw	Midwest	USA		o
Paw-26	42.1480	-86.4310	Paw	Midwest	USA		+
Paw-3	42.1480	-86.4310	Paw	Midwest	USA		o
Paw-4	42.1480	-86.4310	Paw	Midwest	USA		o
Pent-22	43.7623	-86.3929	Pent	Midwest	USA		o
Pent-30	43.7623	-86.3929	Pent	Midwest	USA		o
Pent-49	43.7623	-86.3929	Pent	Midwest	USA		o
Pna-10	42.0945	-86.3253	PNA	Midwest	USA	CS22571	+
Pna-17	42.0945	-86.3253	PNA	Midwest	USA	CS22570	+
Rmx-A02	42.0360	-86.5110	RMX	Midwest	USA	CS22568	-
RMX3.11	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.1	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.2	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.20	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.21	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.24	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.25	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.31	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.57	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.6	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.62	42.0360	-86.5110	RMX	Midwest	USA		o
RMX413.63	42.0360	-86.5110	RMX	Midwest	USA		o
RMXF413.10	42.0390	-86.5154	RMXF	Midwest	USA		o
RMXF413.15	42.0390	-86.5154	RMXF	Midwest	USA		o
RRS-10	41.5609	-86.4251	RRS	Midwest	USA	CS22565	+
SLSP-58	43.6650	-86.4960	SLSP	Midwest	USA		o
Yo-0	37.4500	-119.3500	Yo	Northern California	USA	CS22624	+

+, present, -, absent, o, accession with same name but different number is present in 1001 list