

Supplementary Data

Table 1. Accession names and locations.

Accession	Latitude	Longitude	Regional group ^a	Population ^b
Ag-0	45	1.3	1	0
An-1	51.3	4.3	6	0
Bay-0	49	11	5	0
Bil-5	62.38	17.56	3	1
Bil-7	62.38	17.56	3	1
Bor-1	49.12	16.37	5	2
Bor-4	49.12	16.37	5	2
Br-0	49	16.3	8	0
Bur-0	53.3	-8	3	0
C24	40.12	-8.42	8	0
CIBC-17	51.25	0.41	6	3
CIBC-5	51.25	0.41	1	3
Col-0	38.3	-92.3	6	0
CS22491	61.36	34.15	4	0
Ct-1	37.3	15	5	0
Cvi-0	16	-24	8	0
Eden-1	62.38	17.56	3	4
Eden-2	62.38	17.56	3	4
Edi-0	56	-3.18	6	0
Ei-2	50.3	6.3	6	0
Est-1	58.3	25.3	5	0
Fab-2	62.38	17.56	3	5
Fab-4	62.38	17.56	3	5
Fei-0	40.55	-8.54	1	0
Ga-0	50.3	8	5	0
GOT-22	51.32	9.55	6	6
GOT-7	51.32	9.55	6	6
Gu-0	50.3	8	6	0
Gy-0	49	2	1	0

HR-10	51.25	0.41	1	7
HR-5	51.25	0.41	1	7
Kas-1	35	77	4	0
Kin-0	44.46	-85.37	1	0
KNO-10	41.18	-86.38	2	8
KNO-18	41.18	-86.38	2	8
Kondara	38.35	68.48	4	0
KZ-1	49.5	73.1	4	9
KZ-9	49.5	73.1	4	9
Ler-1	51.31	12.1	8	0
LL-0	41.59	2.49	7	0
Lov-1	62.48	18.04	3	10
Lov-5	62.48	18.04	3	10
LP2-2	49.22	16.39	5	11
LP2-6	49.22	16.39	5	11
Lz-0	46	3.3	1	0
Mr-0	44.3	9.3	8	0
Mrk-0	49	9.3	6	0
Ms-0	56	38	4	0
Mt-0	33	23	6	0
Mz-0	50.3	8.3	6	0
Nd-1	50.27	7.13	6	0
NFA-10	51.25	0.41	1	12
NFA-8	51.25	0.41	1	12
Nok-3	52.3	4	6	0
Omo-2-1	56.12	15.18	6	13
Omo-2-3	56.12	15.18	6	13
Oy-0	60.23	6.13	6	0
PNA-10	42.07	-86.27	2	14
PNA-17	42.07	-86.27	2	14
Pro-0	43.15	-6.02	1	0
Pu2-23	42.38	18.07	5	15

Pu2-7	42.38	18.07	5	15
Ra-0	46	3.3	1	0
REN-1	48.5	-1.41	1	16
REN-11	48.5	-1.41	1	16
RMX-A02	42.07	-86.29	2	17
RMX-A180	42.07	-86.29	1	17
RRS-10	41.32	-86.26	2	18
RRS-7	41.32	-86.26	6	18
Se-0	38.35	68.48	7	0
Shakh dara	41.3	2.3	4	0
Sorbo	38.35	68.48	4	0
Spr-1-2	56.32	14.29	6	19
Spr-1-6	56.32	14.29	6	19
SQ-1	51.25	0.41	1	20
SQ-8	51.25	0.41	1	20
TAMM-2	59.58	23.26	3	21
TAMM-27	59.58	23.26	3	21
Ts-1	41.3	3	7	0
Ts-5	41.3	3	7	0
Tsu-1	34.43	136.31	5	0
Ull-2-3	56.09	13.46	6	22
Ull-2-5	56.09	13.46	5	22
Uod-1	48.07	14.53	5	23
Uod-7	48.07	14.53	5	23
Van-0	49.30	-123.0	n.a.	0
Var-2-1	55.33	14.2	6	24
Var-2-6	55.33	14.2	3	24
Wa-1	52.3	21	8	0
Wei-0	47.25	8.26	6	0
Ws-0	52.3	30	5	0
Ws-2	52.3	30	5	0
Wt-5	52.3	9.3	6	0

Yo-0	37.45	-119.35	2	0
Zdr-1	49.12	16.37	5	25
Zdr-6	49.12	16.37	5	25

^aAccessions that are part of the same region are marked with an identical number. Regional groups were defined by Nordborg *et al.* (2005).

^bAccessions that are part of the same population are indicated with an identical number. Accessions that were not sampled from local populations are marked with a zero.