

Table S1. Profiles of the 50 selected African sorghum genotypes, their biological status and origins used in the study

Entry No	Genotype code	Genotype identity	Biological status	Locality/ Province	Country of origin
1	Macia	Macia	Commercial variety	-----	-----
2	ICR61	IS13813.	Landrace	KwaZulu-Natal	South Africa
3	SV 4	SV 4	Commercial variety	-----	-----
4	GB 56	NGB 3092	Landrace	Tsholotsho	Zimbabwe
5	ICR 34	IS 3574	Landrace	Kassala	Sudan
6	ICR5	IS12391			
7	ICR 20	IS 13904	Landrace	KwaZulu-Natal	South Africa
8	ICR 21	IS 24272	Research Material	-----	Tanzania
9	GB 61	NGB 3124	Landrace	Murehwa	Zimbabwe
10	ICR 19	IS 29925	Landrace	Hwange	Zimbabwe
11	ICR 17	IS 9405	Landrace	Maseru	Lesotho
12	GB 13	NGB 3127	Landrace	Chipinge	Zimbabwe
13	ICR 8	IS 30047	Landrace	Hwange	Zimbabwe
14	IGR 52	IS 26191	Landrace	Savanes	Togo
15	GB 92	NGB 3093	Research Material	Chiredzi	Zimbabwe
16	GB 98	NGB 1178	Research Material	Chiredzi	Zimbabwe
17	GB 185	NGB 1699	Research Material	Chiredzi	Zimbabwe
18	GB 82	NGB 3102	Research Material	Chiredzi	Zimbabwe
19	GB 172	NGB 1695	Landrace	Murehwa	Zimbabwe
20	GB 175	NPGRC1593	Research Material	Chiredzi	Zimbabwe
21	GB 30	NGB 1862	Landrace	Nyanga	Zimbabwe
22	GB 43	NGB 3283	Landrace	Nyanga	Zimbabwe
23	GB 15	NGB 3195	Landrace	Chiredzi	Zimbabwe
24	GB 144	NGB 3087	Landrace	Murehwa	Zimbabwe
25	GB 102	NGB 3133	Landrace	Chiredzi	Zimbabwe
26	GB 136	NGB 1156	Landrace	Nyanga	Zimbabwe
27	GB 124	NGB 3105	Landrace	Murehwa	Zimbabwe
28	GB 94	NGB 1759	Research Material	Nyanga	Zimbabwe
29	GB 175	NPGRC 1593	Research Material	Chiredzi	Zimbabwe
30	ICR46	IS9303	Research material	Pretoria	South Africa
31	GB59	NPGRC1628	-		

32	GB81	NPGRC3101	-		
33	GB82	NPGRC1197	-		
34	GB84	NPGRC1868			
35	GB93	NPGRC1222	-		
36	GB94	NPGRC1704	-		
37	ICR 116	IS 13837	Landrace	KwaZulu-Natal	South Africa
38	GB111	NPGRC1619	-		
39	ICR 142	IS 2419	Landrace	-----	Tanzania
40	ICR 7	IS 6944	Landrace	-----	Sudan
41	ICR134	IS9567	Research Material	Pretoria	South Africa
42	ICR 65	IS 9548	Research Material	-----	South Africa
43	ICR145	IS13996	--		
44	GB 88	NPGRC 1478	Landrace	Murehwa	Zimbabwe
45	GB92	NPGRC1782	-		
46	GB62	NPGRC1476	-		
47	ICR138	IS30164	Landrace	Sanyatwe	Zimbabwe
48	ICR 16	IS 30015	Landrace	Hwange	Zimbabwe
49	ICR104	IS2847	-		
50	ICR76	IS24426			
