

Table 5 Sorghum accessions from Eritrean gene bank used in the study of genetic diversity analysis

No.	Accession identifier	Local name	Collection site/region	Biological status	Characteristic of accessions			
					Adaptation	Maturity	Seed color	Panicle orientation
1	EG 469	Tsaeda Baznay	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact
2	EG 473	Wediferej GB1*	Gash Barka	Landrace	Lowland	Medium	Red	Compact and bent
3	EG 480	Koden GB1	Gash Barka	Landrace	Lowland	Medium	White	Compact and erect
4	EG 481	Wedi susa	Anseba	Landrace	Midland	Early	White	compact
5	EG 494	Tsaeda bariyay	Gash Barka	Landrace	Lowland	Early	White	Semi-compact
6	EG 497	Hile An1	Anseba	Landrace	Midland	Early	White	Compact
7	EG 519	Wedi Mehari	Gash Barka	Landrace	Lowland	Late	White	Semi-compact
8	EG 520	Gumbilu So1	South	Landrace	Highland	Late	Brown	Semi-compact
9	EG 526	Wedi Aker Ans	Anseba	Landrace	Midland	Early	Chalky white	Compact and erect
10	EG 532	Bicha meshela	South	Landrace	Highland	Late	Yellow	Loose erect
11	EG 537	Anseba	South	Landrace	Highland	Late	Golden white	Semi-compact
12	EG 538	Daguya*	South	Landrace	Highland	Very late	Brown	Open loose
13	EG 540	Tsaeda hile	Gash Barka	Landrace	Lowland	Medium	White	Compact erect
14	EG 544	Koden So1*	South	Landrace	Highland	Late	White	Compact erect
15	EG 546	Embulbul An1	Anseba	Landrace	Midland	Early	Brown	Compact and bent
16	EG 547	Koden GB2	Gash Barka	Landrace	lowland	Medium	White	Compact erect
17	EG 551	Tseda	South	Landrace	Highland	Late	White	Semi-compact
18	EG 554	Gumbilu So2*	South	Landrace	Highland	Late	Brown	Semi-compact
19	EG 555	Wedi keiho	South	Landrace	Highland	Late	Red	Open loose and lax
20	EG 557	Ganseber*	South	Landrace	Highland	Very late	Golden white	Open semi-compact
21	EG 584	Wedi Ferej GB2	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact
22	EG 711	Embulbul An2	Anseba	Landrace	Midland	Very early	Brown	Compact and bent
23	EG 717	Letemhret*	Gash Barka	Landrace	Lowland	Medium	Red spotted	Semi-compact
24	EG 723	Hile An2	Anseba	Landrace	Midland	Early	Red	Compact and bent
25	EG 724	Koden zerzer	South	Landrace	Highland	Late	White	Open-loose
26	EG 726	Koden tsaeda	South	Landrace	Highland	Very late	White	Semi-compact
27	EG 731	Amal 1	South	Landrace	Highland	Very late	Yellow	Compact erect
28	EG 732	Hile GB1	Gash Barka	Landrace	Lowland	Medium	White	Compact erect
29	EG 735	Koden GB3	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact erect
30	EG 736	Senadr	Anseba	Landrace	Midland	Medium	Red	Semi-compact
31	EG 745	Koden So2	South	Landrace	Highland	Late	White	Compact erect
32	EG 746	Tsaeda Mashela 1	South	Landrace	Highland	Late	White	Semi-compact
33	EG 750	Gumbilu So3	South	Landrace	Highland	Late	Yellow	Semi-compact
34	EG 756	Tsaeda meshela 2	Anseba	Landrace	Midland	Medium	White	Compact bent
35	Kibra	Kibra	Anseba	Landrace	Midland	Early	White	Compact bent
36	EG 772	Tsaeda koden	South	Landrace	Highland	Very late	White	Compact erect
37	EG 775	Zengada*	South	Landrace	Highland	Very late	Dark red	Loose drooping & lax
38	EG 779	Gumbilu So4	South	Landrace	Highland	Late	Brown	Semi-compact
39	EG 782	Tsaeda hile*	Gash Barka	Landrace	Lowland	Medium	White	Compact
40	EG 783	Aklamoy	Gash Barka	Landrace	Lowland	Late	Light red	Semi-compact
41	EG 786	Embulbul GB	Gash Barka	Landrace	Lowland	Early	Light red	Compact bent
42	EG 787	Duruta 1*	Gash Barka	Landrace	Lowland	Medium	Light red	Compact bent
43	EG 789	Ajebaidu	Gash Barka	Landrace	Lowland	Late	Chalky white	Compact erect
44	EG 791	Korekora*	Gash Barka	Landrace	Lowland	Medium	Chalky white	Compact erect
45	EG 794	Wedi Ferej GB3*	Gash Barka	Landrace	Lowland	Medium	Brown	Compact bent
46	EG 797	Wedi Aker GB	Gash Barka	Landrace	Lowland	Early	Chalky white	Compact erect
47	EG 801	Wedi Halibay	Anseba	Landrace	Midland	Medium	White	Semi-compact
48	EG 802	Segurtay	Anseba	Landrace	Midland	Medium	White	Compact bent
49	EG 806	Hiriray GB1	Gash Barka	Landrace	Lowland	Early	Red	Semi-compact
50	EG 812	Senadr keih	Anseba	Landrace	Midland	Early	Red	Semi-compact
51	EG 813	Wedi Ferej An1*	Anseba	Landrace	Midland	Early	Red	Compact bent
52	EG 815	Estif	Gash Barka	Landrace	Lowland	Medium	Chalky white	Oval erect
53	EG 830	Wedi Arbaa*	Gash Barka	Landrace	Lowland	Early	White	Compact erect
54	EG 836	Hugurtay An*	Anseba	Landrace	Midland	Medium	White	Compact bent
55	EG 843	Koden GB4	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact erect
56	EG 845	Hiriray GB1	Gash Barka	Landrace	Lowland	Early	Red	Compact bent

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				status	Adaptation	Maturity	Seed color	Panicle orientation
57	EG 846	Habarat	Gash Barka	Landrace	Lowland	Medium	White	Loose bent
58	EG 849	Hugurtay GB	Gash Barka	Landrace	Lowland	Medium	White	Compact bent
59	EG 850	Koden So3	South	Landrace	Highland	Late	White	Semi-compact
60	EG 855	Gumbilu	Gash Barka	Landrace	Lowland	Late	Brown	Semi-compact
61	EG 857	Wedi Ferej GB 4*	Gash Barka	Landrace	Lowland	Medium	Red	Compact bent
62	EG 858	Tsaeda Hile*	South	Landrace	Highland	Medium	White	Open loose
63	EG 859	Amal 2	South	Landrace	Highland	Very late	Yellow	Compact erect
64	EG 864	Chimro*	Gash Barka	Landrace	Lowland	Early	Yellow	Compact bent
65	EG 870	Agebsidu	Gash Barka	Landrace	Lowland	Medium	Chalky white	Compact erect
66	EG 873	Wedi Ferej GB 5	Gash Barka	Landrace	Lowland	Medium	Red spotted	Compact bent
67	EG 875	Korokora	Gash Barka	Landrace	Lowland	Medium	Chalky white	Semi-compact erect
68	EG 881	Tsaeda Chimro*	Gash Barka	Landrace	Lowland	Early	White	Open loose
69	EG 883	Kinabiba 1*	Gash Barka	Landrace	Lowland	Medium	Brown	Loose drooping
70	EG 885	Duruta 2*	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact erect
71	EG 889	Kileaentu	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact bent
72	EG 890	Kinadirga*	Gash Barka	Landrace	Lowland	Medium	White	Loose drooping
73	EG 893	Kinibiba 2*	Gash Barka	Landrace	Lowland	Medium	Red	Loose drooping
74	EG 896	Kinadirga Bicha	Gash Barka	Landrace	Lowland	Medium	Yellow	Semi-loose bent
75	EG 898	Koden GB 5	Gash Barka	Landrace	Lowland	Medium	White	Semi-compact erect
76	Hamel	Hamelmalo	National	Improved	Mid &	Early	Brown	Semi-compact erect
77	EG 1075	Hartsetsa	N.Red Sea	Landrace	Lowland	Medium	Light red	Compact bent
78	EG 1076	Letemhret	Anseba	Landrace	Midland	Late	Brown	Semi-loose
79	EG 1157	Hijeri keih	N.Red Sea	Landrace	Lowland	Early	Brown	Semi-compact bent
80	EG 1168	Hijeri hatsir	N.Red Sea	Landrace	Lowland	Medium	White	Compact erect
81	EG 1172	Hijeri newih	N.Red Sea	Landrace	Lowland	Late	White	Semi-loose erect
82	ICSV 111	ICSV 111 IN	ICRISAT	Improved	Mid &	Medium	White	Semi-loose erect
83	EG 1208	Fetereta	N.Red Sea	Landrace	Lowland	Medium	White	Semi-compact
84	EG 1224	Mahajen	Gash Barka	Landrace	Lowland	Late	Chalky white	Compact erect
85	EG 1233	Wedi Aker	Gash Barka	Landrace	Lowland	Early	Chalky white	Compact erect
86	EG 1235	Gedam hamam 1	Gash Barka	Landrace	Lowland	Medium	Chalky white	Semi-compact erect
87	EG 1237	Amal	South	Landrace	Highland	Late	Brown	Semi-compact erect
88	EG 1239	Alhiya 1	N.Red Sea	Landrace	Lowland	Medium	White spotted	Semi-loose bent
89	EG 1246	Tseda meshela	South	Landrace	Highland	Late	White	Semi-compact
90	EG 1256	Kinabiba keih	Gash Barka	Landrace	Lowland	Medium	Red	Loose erect
91	EG 1257	Gedem hamam 1	Gash Barka	Landrace	Lowland	Medium	Chalky white	Semi-compact erect
92	EG 1258	Feterita eriana	Gash Barka	Landrace	Lowland	Medium	White	Semi-loose erect
93	EG 1259	Tetron	Gash Barka	Landrace	Lowland	Very late	White	Semi-loose erect
94	EG 1261	Hameray	Gash Barka	Landrace	Lowland	Medium	Red	Loose erect
95	EG 2161	Hijeri	N.Red Sea	Landrace	Lowland	Medium	White	Semi-compact erect
96	EG 2453	Bariyay 1	N.Red Sea	Landrace	Lowland	Medium	Red	Semi-loose bent
97	EG 2456	Alhiya 2	N.Red Sea	Landrace	Lowland	Medium	White spotted	Semi-loose bent
98	EG 2457	Bariyay 2	N.Red Sea	Landrace	Lowland	Medium	Red	Semi-loose bent

Note: * These 22 accessions were also used in the genetic diversity study by Ghebru et al., 2002; AI. Accession identifier; - Maturity intervals: Early = 80-105 days, Medium = 105-130 days, Late = above 130 days; - Adaptation category: Lowland = below 900m, midland = 900m-1500m, Highland= above 1500 m above sea level