

Supplemental Table 1 Information of 242 Sorghum accessions

Sample ID	Plant Name	Origin country	Origin region
GZ1	253	China	Liaoning
GZ10	Baiyunfan	China	Unknown
GZ100	1131	China	Hebei
GZ101	417	China	Hebei
GZ102	Zhong733	China	Hebei
GZ103	367	China	Hebei
GZ104	1135	China	Hebei
GZ105	1134	China	Hebei
GZ106	566	China	Shanxi
GZ107	328	China	Shanxi
GZ108	285	China	Shanxi
GZ109	702	China	Shanxi
GZ11	Banjiang Sorghum-Gx	China	Guangxi
GZ110	0390	China	Inner Mongolia
GZ111	Yong 123	China	Inner Mongolia
GZ112	0242	China	Inner Mongolia
GZ113	0371	China	Inner Mongolia
GZ114	0524	China	Inner Mongolia
GZ115	0433	China	Inner Mongolia
GZ116	0686	China	Inner Mongolia
GZ117	0249	China	Inner Mongolia
GZ118	0254	China	Inner Mongolia
GZ119	1234	China	Liaoning
GZ12	Beiping No. 5	China	Beijing
GZ120	241	China	Liaoning
GZ121	31	China	Liaoning
GZ122	1102	China	Liaoning
GZ123	240	China	Liaoning
GZ124	1044	China	Liaoning
GZ125	1030	China	Liaoning
GZ126	1029	China	Liaoning
GZ127	415	China	Jiangsu
GZ128	Zhong211	China	Anhui
GZ129	221	China	Shandong
GZ13	Local Soft Sorghum	China	Inner Mongolia
GZ130	214	China	Shandong
GZ131	216	China	Shandong
GZ132	351	China	Shandong
GZ133	369	China	Shandong
GZ134	370	China	Shandong
GZ135	II 657	China	Shandong
GZ136	II 097	China	Shandong
GZ138	811333	China	Hubei
GZ139	811369	China	Hubei
GZ14	Sticky Sorghum	China	Beijing
GZ140	811424	China	Hubei
GZ141	811437	China	Hubei
GZ143	1081	China	Shanxi
GZ144	1181	China	Shanxi

GZ145	1155	China	Shanxi
GZ146	871255	China	HeiLongjiang
GZ147	871256	China	HeiLongjiang
GZ148	871258	China	HeiLongjiang
GZ149	871338	China	HeiLongjiang
GZ15	Daluochui	China	Inner Mongolia
GZ150	III 072	China	Shandong
GZ151	82440	China	Hubei
GZ152	82256	China	Hubei
GZ153	82266	China	Hubei
GZ154	206	China	Shaanxi
GZ155	229	China	Shaanxi
GZ156	263	China	Shaanxi
GZ157	227	China	Shaanxi
GZ158	217	China	Shaanxi
GZ159	189	China	Shaanxi
GZ16	Huangluoshan-Xs	China	Shanxi
GZ160	222	China	Shaanxi
GZ161	235	China	Shaanxi
GZ162	257	China	Shaanxi
GZ163	249	China	Shaanxi
GZ164	279	China	Shaanxi
GZ165	291	China	Shaanxi
GZ166	273	China	Shaanxi
GZ167	84-300	China	Shaanxi
GZ168	Gao01	China	Yunnan
GZ169	R20	China	Yunnan
GZ17	Daluochui	China	Unknown
GZ170	R62	China	Yunnan
GZ171	R32	China	Yunnan
GZ172	R23	China	Yunnan
GZ173	R21	China	Yunnan
GZ174	Gao14	China	Yunnan
GZ175	R08	China	Yunnan
GZ176	R09	China	Yunnan
GZ177	Gao08	China	Yunnan
GZ178	Gao10	China	Yunnan
GZ179	Gao31	China	Yunnan
GZ18	Dabaye	China	HeiLongjiang
GZ180	R01	China	Yunnan
GZ181	R12	China	Yunnan
GZ182	R18	China	Yunnan
GZ183	R22	China	Yunnan
GZ184	R34	China	Yunnan
GZ186	Red Glutious-HB	China	Hubei
GZ188	Waxy Sorghum-HB	China	Hubei
GZ189	Shui512	China	Sichuan
GZ19	Daguandong	China	Shanxi
GZ190	Shui421	China	Sichuan
GZ191	Shui507	China	Sichuan
GZ192	Yuanmou Red Yellow Waxy	China	Yunnan
GZ193	Lufeng Glutinous Sorghum	China	Yunnan
GZ194	Songming Glutinous Sorghum	China	Yunnan

GZ195	Shui723	China	Sichuan
GZ196	Shui639	China	Sichuan
GZ197	Shui712	China	Sichuan
GZ198	Shui724	China	Sichuan
GZ199	Q040	China	Guizhou
GZ2	427	China	Liaoning
GZ20	Dahongke	China	HeiLongjiang
GZ200	Q047	China	Guizhou
GZ201	01511	China	Guizhou
GZ202	01522	China	Guizhou
GZ203	01529	China	Guizhou
GZ204	01535	China	Guizhou
GZ205	01537	China	Guizhou
GZ206	01538	China	Guizhou
GZ207	01540	China	Guizhou
GZ208	01545	China	Guizhou
GZ209	01547	China	Guizhou
GZ21	Dahongpao	China	Shandong
GZ210	01549	China	Guizhou
GZ211	01550	China	Guizhou
GZ212	01599	China	Guizhou
GZ213	01734	China	Guizhou
GZ214	09511	China	Guizhou
GZ215	09776	China	Shaanxi
GZ216	09794	China	Shaanxi
GZ217	11270	China	Anhui
GZ218	11273	China	Anhui
GZ219	7097	China	Jilin
GZ22	Diding	China	Hebei
GZ220	7103	China	Jilin
GZ221	7184	China	Jilin
GZ222	Chishui Hongliang 1	China	Guizhou
GZ223	Chishui Hongliang 2	China	Guizhou
GZ224	Hongtailiang	China	Guizhou
GZ225	Maohongnuo 2	China	Guizhou
GZ226	Zunhong1301	China	Guizhou
GZ227	Hongmaobuo 2	China	Guizhou
GZ228	T38	China	Guizhou
GZ229	Maohongnuo1	China	Guizhou
GZ23	Erhu Sorghum	China	Liaoning
GZ230	T4	China	Sichuan
GZ232	Xiaoyingzi	China	Guizhou
GZ233	T22	China	Sichuan
GZ235	Henong 16	China	Hebei
GZ238	Zigong Sorghum	China	Sichuan
GZ239	Hongzhenzhu	China	Sichuan
GZ24	Erluhuangke	China	Liaoning
GZ240	Langnuo 1	China	Sichuan
GZ241	Luzhouhong 2	China	Sichuan
GZ242	Qingxuan 2	China	Sichuan
GZ243	Hongkenuo	China	Sichuan
GZ244	125	China	Guizhou
GZ245	Q27	China	Guizhou

GZ247	16	China	Guizhou
GZ248	180	China	Guizhou
GZ249	Qiangao_1	China	Guizhou
GZ25	Guaibosan	China	Shanxi
GZ250	Qiangao_2	China	Guizhou
GZ251	Qiangao_3	China	Guizhou
GZ252	Qiangao_4	China	Guizhou
GZ254	Qiangao_7	China	Guizhou
GZ255	Qiangao_8	China	Guizhou
GZ256	Xiangnuo_2	China	Sichuan
GZ257	Datang Sorghum	China	Guangxi
GZ26	Huangluoshan-Jx	China	Liaoning
GZ27	Guandongqing	China	Liaoning
GZ28	Heike	China	Liaoning
GZ29	Hekebai	China	Beijing
GZ3	119 Sorghum	China	Liaoning
GZ30	Heikebangzi	China	Liaoning
GZ31	Heikeerwei	China	Shanxi
GZ32	Heikesheyan	China	Liaoning
GZ34	Red Stalks Sorghum	China	Shanxi
GZ35	Red Stalk Sticky Sorghum	China	Shanxi
GZ36	Red Sorghum	China	Inner Mongolia
GZ37	Hongke	China	Liaoning
GZ38	Hongke Sorghum	China	Shanxi
GZ39	Huboxiang	China	Inner Mongolia
GZ40	Baidazimao	China	Shanxi
GZ41	Ji7384	China	Jilin
GZ42	Jinguang	China	Shanxi
GZ43	Tight Ear Sorghum	China	Shanxi
GZ44	Jiutouweng	China	Liaoning
GZ45	Jiuyehong	China	Shanxi
GZ46	Old Sorghum	China	Inner Mongolia
GZ47	Langweiba-SX	China	Shanxi
GZ48	Laomuzhuqiao-jiao-NMG	China	Inner Mongolia
GZ49	Laomuzhuqiao-jiao-HLJ	China	HeiLongjiang
GZ5	Banjiang Sorghum-SC	China	Sichuan
GZ50	Liuzi Sorghum	China	Shandong
GZ51	Luochuisui	China	Shanxi
GZ53	Nanyuanhong 2	China	Beijing
GZ54	Niutui Sorghum	China	Beijing
GZ55	Niuweiba Sorghum	China	Shanxi
GZ56	Niuxinhuang	China	Liaoning
GZ57	Waxy Sorghum-SC	China	Sichuan
GZ58	Pingdingxiang-HLJ	China	HeiLongjiang
GZ59	Pingdingxiang-JX	China	Liaoning
GZ6	Badaye	China	Liaoning
GZ60	Qignkeyang	China	Sichuan
GZ61	Soft Sorghum	China	Shanxi
GZ62	Sansuidamiliang	China	Liaoning
GZ63	Sansuihongke	China	Liaoning
GZ65	Shangtingsui	China	Shanxi
GZ68	Tieshalian	China	Shanxi
GZ69	Waibo Zhang	China	Liaoning

GZ7	Bamiancheng	China	Jilin
GZ70	Xiquebai	China	Shanxi
GZ71	Xiaobailiang	China	Hebei
GZ72	Xiaobangbanghuang	China	Liaoning
GZ73	Little Red Sorghum	China	Inner Mongolia
GZ74	Xiaozhanbang	China	Liaoning
GZ75	Youxinhu	China	Hebei
GZ76	Yuejin 4	China	Liaoning
GZ77	Sticky Sorghum-HB	China	Hebei
GZ78	Sticky Sorghum-SX	China	Liaoning
GZ79	Zhengyansan	China	Shanxi
GZ8	Bayeqi	China	Shanxi
GZ80	Broom Sorghum	China	Unknown
GZ81	Yong 108	China	Inner Mongolia
GZ82	32	China	Liaoning
GZ83	36	China	Liaoning
GZ84	239	China	Liaoning
GZ85	43	China	Liaoning
GZ86	225	China	Liaoning
GZ87	3008	China	Liaoning
GZ88	23	China	Liaoning
GZ89	6	China	Liaoning
GZ9	White Glutinous Sorghum	China	Shaanxi
GZ90	059	China	Shandong
GZ91	Hongnuo-Ln	China	Liaoning
GZ92	017	China	Guizhou
GZ93	565	China	Beijing
GZ94	459	China	Beijing
GZ95	485	China	Beijing
GZ96	426	China	Beijing
GZ97	658	China	Beijing
GZ98	212	China	Beijing
GZ99	2	China	Hebei
HYZ	Hongyingzi	China	Guizhou
