Supplementary Table 1: Number of reads per species/accession and assembly size. E-size is an alternative assembly statistic implemented by the Genome Assembly Gold-standard Evaluations (GAGE) study to evaluate the completeness of the assembled gene space by considering the expected contig size for a randomly selected base.

Subsection	Species	Accession	# Raw reads	Raw coverage (X)	# Trimmed reads	Trimmed coverage (X)	Assembly E-size
Austroamericana	*G. raimondii*	D5-8	209,266,292	47.6	125,455,638	28.5	2,718
Austroamericana	*G. raimondii*	D5-6	150,875,945	34.3	91,746,782	20.9	1,587
Caducibracteata	*G. armourianum*	D2-1-6	155,005,858	36.2	130,884,124	30.6	3,891
Caducibracteata	*G. harknessii*	JFW	183,115,691	42.8	150,576,667	35.2	5,724
Caducibracteata	*G. turneri*	D10-3	136,351,407	45.0	126,215,258	41.6	29,772
Caducibracteata	*G. turneri*	D10-7	197,515,336	65.1	187,920,299	62.0	45,201
Caducibracteata	*G. turneri*	D10-8	124,131,681	40.9	114,788,764	37.8	33,468
Erioxylum	*G. aridum*	DRD-185	169,506,661	36.9	139,275,121	30.3	4,778
Erioxylum	*G. aridum*	D4-12	158,194,517	34.4	134,374,429	29.2	5,255
Erioxylum	*G. lobatum*	D7-157	173,890,886	41.4	143,417,911	34.1	4,940
Erioxylum	*G. lobatum*	D7-4	169,232,618	36.2	143,485,641	30.7	3,267
Erioxylum	*G. laxum*	D9-4	189,688,054	40.6	166,155,995	35.6	5,530
Erioxylum	*G. schwendimanii*	D11-1	303,290,420	65.3	260,234,325	56.0	10,495
Houzingenia	*G. thurberi*	D1-2	145,820,029	34.7	67,245,582	16.0	---
Houzingenia	*G. thurberi*	D1-35	181,003,659	43.0	157,481,159	37.5	9,074
Houzingenia	*G. trilobum*	D8-8	155,793,983	36.6	130,561,611	30.7	9,368
Houzingenia	*G. trilobum*	D8-9	94,579,207	22.2	81,335,215	19.1	1,765
Integrifolia	*G. davidsonii*	D3D-27	166,777,486	36.7	143,853,161	31.6	10,350
Integrifolia	*G. klotzschianum*	D3K-56	166,667,596	37.9	135,720,623	30.8	5,467
Integrifolia	*G. klotzschianum*	D3K-57	161,773,353	36.8	139,262,455	31.7	7,051
Selera	*G. gossypioides*	D6-5	165,907,958	39.5	142,939,108	34.0	7,621
Selera	*G. gossypioides*	D6-7	167,999,537	40.0	98,890,166	23.5	1,918

Supplementary Table 2: The number and length of indels per accession, and the number of SNPs, relative to *G. longicalyx* (*Longiloba*)

Number of indels/Mb		Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	158	131	148	127	98	163	161	169	161	124	134	153	120	141
G. armourianum	D2-1-6	143	132	137	123	99	136	140	153	138	123	121	134	111	130
G. harknessii	D2-2	193	176	189	152	130	198	172	192	177	152	182	201	140	172
G. turneri	D10-7	194	174	188	153	123	200	177	200	177	154	182	199	146	172
G. aridum	D4-185	206	178	207	185	151	203	214	212	201	184	174	190	161	189
G. lobatum	D7-157	212	190	194	187	152	207	208	222	199	188	183	204	171	193
G. laxum	D9-4	169	153	168	148	125	171	172	180	159	151	144	159	139	156
G. schwendimanii	D11-1	231	193	186	190	141	216	219	233	182	194	188	223	161	195
G. thurberi	D1-35	199	163	181	161	126	205	198	207	193	159	174	191	155	177
G. trilobum	D8-8	205	168	191	164	133	210	205	213	199	164	178	201	162	183
G. davidsonii	D3D-27	220	180	209	179	146	229	221	231	209	180	191	221	177	198
G. klotzschianum	D3K-57	220	181	208	179	146	229	220	232	209	180	192	220	177	198
G. gossypioides	D6-5	249	214	234	202	171	250	248	260	233	205	221	246	199	224

Number of insertions		Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	2,941	2,720	2,338	2,590	2,087	2,849	3,367	3,267	3,967	2,589	2,786	1,895	2,433	35,829
G. armourianum	D2-1-6	2,694	2,792	2,154	2,536	2,110	2,398	2,929	3,027	3,384	2,579	2,539	1,611	2,195	32,948
G. harknessii	D2-2	3,577	3,640	2,909	3,051	2,667	3,379	3,539	3,767	4,393	3,104	3,702	2,358	2,653	42,739
G. turneri	D10-7	3,598	3,635	2,918	3,062	2,585	3,481	3,647	3,886	4,390	3,117	3,714	2,335	2,753	43,121
G. aridum	D4-185	3,867	3,537	3,143	3,677	3,041	3,422	4,409	4,073	4,969	3,699	3,528	2,205	3,087	46,657
G. lobatum	D7-157	3,965	3,722	2,889	3,614	2,992	3,539	4,274	4,309	4,858	3,732	3,688	2,361	3,216	47,159
G. laxum	D9-4	3,129	3,032	2,490	2,889	2,483	2,915	3,562	3,472	3,902	3,018	2,910	1,839	2,625	38,266
G. schwendimanii	D11-1	4,311	3,893	2,827	3,775	2,847	3,632	4,569	4,467	4,509	3,913	3,866	2,612	3,131	48,352
G. thurberi	D1-35	3,550	3,338	2,694	3,211	2,621	3,292	4,036	3,842	4,486	3,291	3,478	2,279	2,901	43,019
G. trilobum	D8-8	3,718	3,471	2,865	3,294	2,824	3,468	4,130	4,015	4,641	3,396	3,568	2,385	3,046	44,821
G. davidsonii	D3D-27	3,948	3,551	3,152	3,527	2,933	3,824	4,428	4,206	4,920	3,557	3,741	2,532	3,278	47,597
G. klotzschianum	D3K-57	3,951	3,558	3,143	3,531	2,934	3,828	4,410	4,227	4,937	3,561	3,756	2,547	3,283	47,666
G. gossypioides	D6-5	4,910	4,639	3,820	4,265	3,765	4,445	5,292	5,182	5,804	4,460	4,827	2,969	3,969	58,347

Insertion lengths	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	6,970	6,554	5,645	6,557	4,998	7,188	7,862	8,053	10,358	5,892	6,553	4,598	5,758	86,986
G. armourianum	D2-1-6	9,192	9,940	7,862	9,182	6,855	8,249	9,660	11,008	11,880	8,171	8,415	5,197	7,317	112,928
G. harknessii	D2-2	12,555	12,211	10,515	10,789	9,348	12,013	11,815	13,010	14,921	9,944	13,336	8,266	9,638	148,361
G. turneri	D10-7	13,345	13,753	10,909	10,912	9,082	12,834	12,688	14,040	15,865	10,275	14,172	8,545	10,184	156,604
G. aridum	D4-185	13,002	12,367	10,791	13,157	9,965	11,724	14,657	14,395	16,911	12,734	12,188	7,240	9,901	159,032
G. lobatum	D7-157	13,909	13,355	10,159	12,851	9,894	12,268	14,029	15,464	16,486	12,799	12,933	8,106	10,749	163,002
G. laxum	D9-4	9,772	10,560	8,166	9,963	8,003	10,118	11,479	12,074	13,341	9,677	9,390	5,495	8,996	127,034
G. schwendimanii	D11-1	16,098	14,050	9,794	14,664	9,652	13,116	16,792	17,404	16,102	13,958	14,477	9,014	10,970	176,091
G. thurberi	D1-35	11,826	11,213	8,668	11,294	8,765	11,516	13,267	13,064	15,202	10,769	11,740	7,690	9,858	144,872
G. trilobum	D8-8	12,310	11,502	9,849	11,340	9,404	12,296	13,506	13,757	16,027	11,751	11,482	8,222	10,104	151,550
G. davidsonii	D3D-27	13,736	11,433	10,842	11,587	9,560	13,115	15,219	13,987	16,999	11,924	12,854	8,170	11,727	161,153
G. klotzschianum	D3K-57	13,574	11,244	10,844	11,628	9,616	13,062	15,381	14,251	17,421	12,163	12,991	8,184	11,621	161,980
G. gossypioides	D6-5	21,001	19,376	16,102	18,317	17,042	20,145	21,632	23,519	26,526	18,523	22,048	12,156	16,757	253,144

Total Indels vs Longiloba	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	38,016	35,366	29,007	33,907	29,542	34,395	40,179	39,113	43,769	33,738	37,798	24,447	32,436	451,713
G. armourianum	D2-1-6	37,158	35,394	28,499	33,635	29,614	33,063	38,920	38,197	42,176	33,686	37,000	23,746	31,897	442,985
G. harknessii	D2-2	39,959	38,184	30,903	35,432	31,563	36,216	40,861	40,423	44,913	35,465	40,786	26,132	33,584	474,421
G. turneri	D10-7	40,010	38,033	30,865	35,517	31,163	36,331	41,123	40,874	44,894	35,593	40,781	26,044	33,933	475,161
G. aridum	D4-185	40,691	38,311	31,740	37,506	32,948	36,446	43,428	41,577	46,579	37,474	40,303	25,754	34,804	487,561
G. lobatum	D7-157	41,030	39,071	31,122	37,604	32,972	36,676	43,015	42,157	46,479	37,717	40,841	26,244	35,394	490,322
G. laxum	D9-4	38,616	36,741	29,940	35,182	31,237	34,803	40,849	39,749	43,632	35,399	38,392	24,652	33,536	462,728
G. schwendimanii	D11-1	42,099	39,232	30,770	37,778	32,282	37,127	43,686	42,742	45,246	38,096	41,157	26,916	34,830	491,961
G. thurberi	D1-35	40,301	37,345	30,542	35,982	31,334	36,544	42,439	41,295	46,018	35,903	40,269	25,785	34,481	478,238
G. trilobum	D8-8	40,648	37,638	30,984	36,188	31,773	36,842	42,860	41,615	46,467	36,214	40,541	26,120	34,838	482,728
G. davidsonii	D3D-27	41,497	38,414	31,814	37,126	32,584	37,772	43,821	42,638	47,146	37,196	41,337	26,827	35,767	493,939
G. klotzschianum	D3K-57	41,465	38,462	31,783	37,149	32,593	37,792	43,777	42,696	47,138	37,200	41,445	26,806	35,766	494,072
G. gossypioides	D6-5	43,097	40,553	32,945	38,533	34,214	38,839	45,467	44,286	48,835	38,745	43,255	27,733	37,036	513,538

SNPs:Indels	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	16.0	19.2	16.3	20.2	23.3	15.4	16.1	15.5	16.7	19.4	16.9	16.1	17.9	17.5
G. armourianum	D2-1-6	15.5	18.6	16.0	19.6	22.4	14.9	15.5	15.0	16.4	18.8	16.3	15.5	17.3	17.0
G. harknessii	D2-2	15.7	18.8	16.1	19.7	22.9	15.0	15.6	15.2	16.5	19.0	16.5	15.7	17.4	17.2
G. turneri	D10-7	15.6	18.8	16.1	19.7	22.9	15.0	15.6	15.2	16.5	19.0	16.5	15.7	17.4	17.2
G. aridum	D4-185	15.9	19.2	16.5	20.2	23.2	15.2	16.0	15.6	16.8	19.5	16.9	16.0	17.9	17.5
G. lobatum	D7-157	16.0	19.2	16.6	20.2	23.3	15.5	16.1	15.6	17.0	19.5	17.0	16.1	18.0	17.6
G. laxum	D9-4	15.7	19.0	16.3	19.9	22.9	15.1	15.7	15.4	16.7	19.2	16.7	15.8	17.6	17.3
G. schwendimanii	D11-1	15.9	19.1	16.4	20.1	23.1	15.3	15.9	15.5	16.9	19.4	16.9	16.0	17.8	17.5
G. thurberi	D1-35	15.5	18.8	16.0	19.7	22.8	14.8	15.5	15.0	16.1	19.0	16.4	15.7	17.4	17.0
G. trilobum	D8-8	15.5	18.8	16.0	19.8	22.8	14.8	15.5	15.1	16.2	19.0	16.4	15.6	17.4	17.1
G. davidsonii	D3D-27	15.8	19.0	16.2	20.0	23.1	15.0	15.7	15.3	16.5	19.3	16.6	15.8	17.6	17.3
G. klotzschianum	D3K-57	15.8	19.1	16.2	20.0	23.1	15.0	15.7	15.3	16.5	19.2	16.6	15.8	17.6	17.3
G. gossypioides	D6-5	14.9	17.7	15.2	18.8	21.6	14.3	14.8	14.4	15.6	18.1	15.7	15.0	16.6	16.3

Total insertions and deletions	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr (nt)	Total (kb)
G. raimondii	D5-8	-25,262	-21,353	-15,876	-19,203	-13,673	-22,713	-28,094	-27,439	-34,761	-19,942	-22,230	-12,792	-15,108	-278,446	-278
G. armourianum	D2-1-6	-25,064	-22,620	-17,152	-22,034	-18,827	-22,109	-28,855	-27,910	-36,322	-22,941	-24,180	-14,832	-18,272	-301,118	-301
G. harknessii	D2-2	-34,795	-32,626	-26,307	-28,815	-24,828	-33,797	-36,885	-37,497	-47,518	-29,889	-36,067	-23,815	-24,784	-417,623	-418
G. turneri	D10-7	-35,689	-30,350	-26,288	-29,073	-23,284	-32,693	-37,047	-38,776	-46,012	-29,919	-36,102	-22,293	-26,207	-413,733	-414
G. aridum	D4-185	-34,268	-31,313	-26,848	-32,342	-26,149	-32,887	-40,320	-37,537	-49,283	-34,701	-32,278	-19,593	-27,567	-425,086	-425
G. lobatum	D7-157	-34,146	-33,467	-24,837	-32,979	-27,228	-32,182	-38,445	-38,117	-47,935	-33,549	-33,581	-20,229	-26,912	-423,607	-424
G. laxum	D9-4	-28,670	-26,495	-22,894	-25,962	-22,048	-26,100	-33,127	-31,520	-39,339	-28,402	-26,851	-16,811	-22,102	-350,321	-350
G. schwendimanii	D11-1	-38,007	-35,769	-25,017	-31,995	-24,974	-34,593	-40,003	-39,831	-44,377	-35,501	-32,738	-22,594	-27,033	-432,432	-432
G. thurberi	D1-35	-47,918	-37,600	-33,483	-37,344	-28,298	-46,549	-52,835	-52,337	-62,561	-38,946	-43,769	-25,249	-36,203	-543,092	-543
G. trilobum	D8-8	-49,677	-39,087	-33,147	-37,554	-29,361	-46,794	-57,838	-51,790	-63,341	-39,333	-45,898	-25,528	-35,951	-555,299	-555
G. davidsonii	D3D-27	-45,804	-37,810	-31,841	-37,886	-30,325	-44,786	-49,283	-52,588	-59,587	-38,295	-43,470	-27,001	-33,992	-532,668	-533
G. klotzschianum	D3K-57	-45,474	-38,652	-31,468	-37,939	-30,280	-44,807	-49,267	-52,288	-59,261	-38,375	-43,622	-26,779	-33,949	-532,161	-532
G. gossypioides	D6-5	-41,866	-37,695	-30,976	-37,056	-26,859	-38,667	-52,630	-47,663	-58,267	-35,790	-37,207	-26,248	-35,676	-506,600	-507

Number of deletions		Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	5,881	5,524	4,424	5,326	4,209	5,452	6,457	6,391	7,412	5,132	5,623	3,543	4,587	69,961
G. armourianum	D2-1-6	5,270	5,480	4,100	5,108	4,258	4,571	5,636	5,715	6,402	5,090	5,072	3,126	4,286	64,114
G. harknessii	D2-2	7,188	7,422	5,749	6,390	5,650	6,743	6,967	7,201	8,130	6,344	7,695	4,765	5,515	85,759
G. turneri	D10-7	7,218	7,276	5,702	6,464	5,332	6,756	7,121	7,533	8,114	6,459	7,678	4,700	5,764	86,117
G. aridum	D4-185	7,630	7,652	6,352	7,838	6,661	6,930	8,664	8,049	9,220	7,758	7,386	4,540	6,301	94,981
G. lobatum	D7-157	7,871	8,227	5,988	7,999	6,734	7,043	8,386	8,393	9,231	7,968	7,764	4,874	6,762	97,240
G. laxum	D9-4	6,293	6,587	5,205	6,302	5,508	5,794	6,932	6,822	7,340	6,364	6,093	3,804	5,495	78,539
G. schwendimanii	D11-1	8,594	8,217	5,698	8,012	6,189	7,401	8,762	8,820	8,347	8,166	7,902	5,295	6,283	97,686
G. thurberi	D1-35	7,557	6,885	5,603	6,780	5,467	7,158	8,048	7,998	9,142	6,595	7,402	4,497	6,164	89,296
G. trilobum	D8-8	7,736	7,045	5,874	6,903	5,703	7,280	8,375	8,145	9,436	6,801	7,584	4,726	6,376	91,984
G. davidsonii	D3D-27	8,355	7,741	6,417	7,608	6,405	7,854	9,038	8,977	9,836	7,622	8,207	5,286	7,073	100,419
G. klotzschianum	D3K-57	8,320	7,782	6,395	7,627	6,413	7,870	9,012	9,014	9,811	7,622	8,300	5,250	7,067	100,483
G. gossypioides	D6-5	8,993	8,792	6,880	8,277	7,203	8,300	9,820	9,649	10,641	8,268	9,039	5,755	7,651	109,268

Deletion lengths	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	allChr
G. raimondii	D5-8	-32,232	-27,907	-21,521	-25,760	-18,671	-29,901	-35,956	-35,492	-45,119	-25,834	-28,783	-17,390	-20,866	-365,432
G. armourianum	D2-1-6	-34,256	-32,560	-25,014	-31,216	-25,682	-30,358	-38,515	-38,918	-48,202	-31,112	-32,595	-20,029	-25,589	-414,046
G. harknessii	D2-2	-47,350	-44,837	-36,822	-39,604	-34,176	-45,810	-48,700	-50,507	-62,439	-39,833	-49,403	-32,081	-34,422	-565,984
G. turneri	D10-7	-49,034	-44,103	-37,197	-39,985	-32,366	-45,527	-49,735	-52,816	-61,877	-40,194	-50,274	-30,838	-36,391	-570,337
G. aridum	D4-185	-47,270	-43,680	-37,639	-45,499	-36,114	-44,611	-54,977	-51,932	-66,194	-47,435	-44,466	-26,833	-37,468	-584,118
G. lobatum	D7-157	-48,055	-46,822	-34,996	-45,830	-37,122	-44,450	-52,474	-53,581	-64,421	-46,348	-46,514	-28,335	-37,661	-586,609
G. laxum	D9-4	-38,442	-37,055	-31,060	-35,925	-30,051	-36,218	-44,606	-43,594	-52,680	-38,079	-36,241	-22,306	-31,098	-477,355
G. schwendimanii	D11-1	-54,105	-49,819	-34,811	-46,659	-34,626	-47,709	-56,795	-57,235	-60,479	-49,459	-47,215	-31,608	-38,003	-608,523
G. thurberi	D1-35	-59,744	-48,813	-42,151	-48,638	-37,063	-58,065	-66,102	-65,401	-77,763	-49,715	-55,509	-32,939	-46,061	-687,964
G. trilobum	D8-8	-61,987	-50,589	-42,996	-48,894	-38,765	-59,090	-71,344	-65,547	-79,368	-51,084	-57,380	-33,750	-46,055	-706,849
G. davidsonii	D3D-27	-59,540	-49,243	-42,683	-49,473	-39,885	-57,901	-64,502	-66,575	-76,586	-50,219	-56,324	-35,171	-45,719	-693,821
G. klotzschianum	D3K-57	-59,048	-49,896	-42,312	-49,567	-39,896	-57,869	-64,648	-66,539	-76,682	-50,538	-56,613	-34,963	-45,570	-694,141
G. gossypioides	D6-5	-62,867	-57,071	-47,078	-55,373	-43,901	-58,812	-74,262	-71,182	-84,793	-54,313	-59,255	-38,404	-52,433	-759,744

Total SNPs vs Longiloba	Accession	Chr01	Chr02	Chr03	Chr04	Chr05	Chr06	Chr07	Chr08	Chr09	Chr10	Chr11	Chr12	Chr13	all Chr
G. raimondii	D5-8	606,538	677,600	474,136	685,713	688,476	528,471	644,967	604,760	730,018	654,029	638,891	394,752	######	7,909,366
G. armourianum	D2-1-6	575,078	657,872	455,524	659,199	663,111	492,335	602,225	574,089	689,900	632,322	603,551	369,121	######	7,525,371
G. harknessii	D2-2	627,136	718,843	497,218	697,164	722,347	544,739	637,650	613,087	740,712	674,374	671,507	411,030	######	8,140,633
G. turneri	D10-7	626,097	716,710	497,928	700,517	712,610	546,083	642,375	622,165	741,527	676,104	672,285	409,005	######	8,155,064
G. aridum	D4-185	646,216	734,980	524,144	758,891	764,551	554,751	696,237	647,753	783,306	730,032	680,316	413,024	######	8,555,662
G. lobatum	D7-157	658,229	751,930	517,781	759,791	767,490	567,277	692,299	659,187	788,974	736,793	694,432	421,936	######	8,651,866
G. laxum	D9-4	607,810	696,652	487,897	700,687	714,134	526,646	643,065	611,046	727,036	678,741	640,724	389,673	######	8,015,127
G. schwendimanii	D11-1	669,362	750,989	505,088	761,128	746,012	569,425	696,690	660,440	766,248	737,629	695,092	429,550	######	8,606,096
G. thurberi	D1-35	624,058	700,390	488,753	709,191	714,260	540,316	657,252	618,908	741,817	681,589	659,731	403,909	######	8,139,420
G. trilobum	D8-8	630,824	707,541	495,729	715,223	725,698	545,367	665,106	626,584	750,650	688,389	666,859	408,382	######	8,232,774
G. davidsonii	D3D-27	655,423	731,643	516,053	742,395	751,512	568,085	689,699	650,363	778,405	716,287	687,369	423,400	######	8,539,202
G. klotzschianum	D3K-57	655,240	733,305	515,591	743,358	751,842	568,113	689,413	651,137	778,903	715,835	689,482	423,238	######	8,545,127
G. gossypioides	D6-5	640,512	719,426	501,879	723,068	737,597	555,059	674,562	635,847	761,366	700,119	678,852	415,326	######	8,359,287

Supplementary Table 3: Accessions used in the present study

Subsection	Species	Accession	Sequenced
Caducibracteata	*G. armourianum*	D2-1-6	BGI
Erioxylum	*G. aridum*	D4-12	BGI
Erioxylum	*G. lobatum*	D7-4	BGI
Erioxylum	*G. laxum*	D9-4	BGI
Erioxylum	*G. schwendimanii*	D11-1	BGI
Houzingenia	*G. thurberi*	D1-35	BGI
Houzingenia	*G. trilobum*	D8-8	BGI
Integrifolia	*G. davidsonii*	D3D-27	BGI
Integrifolia	*G. klotzschianum*	D3K-57	BGI
Selera	*G. gossypioides*	D6-5	BGI
Caducibracteata	*G. turneri*	D10-3	Novogene
Caducibracteata	*G. turneri*	D10-7	Novogene
Caducibracteata	*G. turneri*	D10-8	Novogene
Austroamericana	*G. raimondii*	D5-8	NXT
Austroamericana	*G. raimondii*	D5-6	NXT
Houzingenia	*G. thurberi*	D1-2	NXT
Houzingenia	*G. trilobum*	D8-9	NXT
Selera	*G. gossypioides*	D6-7	NXT
Integrifolia	*G. klotzschianum*	D3K-56	USDA
Caducibracteata	*G. harknessii*	JFW	USDA
Erioxylum	*G. aridum*	DRD-185	USDA
Erioxylum	*G. lobatum*	D7-157	USDA

BGI: Samples submitted to BGI Genomics (Hong Kong) for Illumina library preparation and 2x100bp sequencing.
NXT: Samples prepared in-house at the USDA-ARS GBRU core facility using Nextera and sequenced as 2x100 bp.
USDA: Samples prepared at the USDA-ARS GBRU core facility using Accel-NGS 2S PCR-Free (Product number 20024 with adapter set 26396, Swift Biosciences, Ann Arbor, MI, USA) and
Novogene: Samples submitted to Novogene (Beijing) for Illumina library preparation and 2x150bp sequencing.