

Table Supplement 1 Number of total reads, Clean reads, CG content, and mapping rate of 12 RNA samples from 4 treatments, including Tavee 60 and drought-tolerant chili (CaWDT-2) under control and drought condition, 3 biological replications each.

Chili plant	Condition	Replication	Total Read	Total read base (Gbases)	Clean read	GC (%)	AT (%)	Q30 (%)	Mapping rate (% of clean read)
Tavee 60	Control	1	38,534,326	3.8920	37,280,447	46.15	53.85	95.84	84.67
Tavee 60	Control	2	43,310,652	4.3744	41,895,841	50.92	49.08	96.08	84.66
Tavee 60	Control	3	34,807,090	3.5155	33,701,766	45.62	54.38	95.92	83.30
Tavee 60	Drought	1	36,117,918	3.6479	34,749,694	44.71	55.29	95.54	81.66
Tavee 60	Drought	2	30,136,520	3.0438	29,339,714	47.05	52.95	95.73	81.98
Tavee 60	Drought	3	37,121,758	3.7493	36,930,227	45.76	54.24	95.59	79.59
CaWDT-2	Control	1	41,016,162	4.1426	39,650,361	49.22	50.78	95.82	83.78
CaWDT-2	Control	2	39,118,520	3.9510	37,718,079	46.43	53.57	95.89	80.28
CaWDT-2	Control	3	39,534,446	3.9930	38,117,474	47.25	52.75	95.92	84.72
CaWDT-2	Drought	1	30,827,930	3.1136	29,636,336	45.39	54.61	94.52	81.20
CaWDT-2	Drought	2	41,144,690	4.1556	39,601,959	45.00	55.00	95.88	78.78
CaWDT-2	Drought	3	39,565,404	3.9961	38,015,684	43.77	56.23	94.97	78.37