

Table S3 Sequencing statistics of the transcriptome from four treatments of Purple Flowering Stalks

Sam ple	Raw Read s	Raw Base s(G)	Raw Q30 (%)	Ra w GC(%)	Clea n Read s	Clea n Base s(G)	Clea n Q30 (%)	Cle an GC (%)	Effec tive Rate (%)	total_ reads	total_ma pped(%)	unique (%)	read1(%)	read2(%)	reads_map _plus(%)	reads_map_ minus(%)
CK- 1	5724 1930	8.59	92.9 4	47.6 9	4979 1448	7.4	96.4 4	47. 6	86.98	49791 448	48196893 (96.80)	4668915 0(96.87)	23344578 (50.00)	23344572 (50.00)	23344575(5 0.00)	23344575(50 .00)
CK- 2	6438 8976	9.66	94.3 8	47.7 9	5796 6918	8.57	97.0 1	47. 68	90.03	57966 918	56030441 (96.66)	5428641 5(96.89)	27143210 (50.00)	27143205 (50.00)	27143209(5 0.00)	27143206(50 .00)
CK- 3	5447 0298	8.17	93.9 7	47.6 1	4852 6578	7.19	96.8 8	47. 5	89.09	48526 578	46864836 (96.58)	4549677 8(97.08)	22748391 (50.00)	22748387 (50.00)	22748388(5 0.00)	22748390(50 .00)
CdC K-1	5672 3202	8.51	94.1 8	47.6 2	5093 6414	7.55	96.8 4	47. 52	89.8	50936 414	49265813 (96.72)	4783808 1(97.10)	23919041 (50.00)	23919040 (50.00)	23919041(5 0.00)	23919040(50 .00)
CdC K-2	5485 4072	8.23	93.8 6	47.8 2	4885 1292	7.25	96.7 1	47. 71	89.06	48851 292	47150704 (96.52)	4571849 8(96.96)	22859250 (50.00)	22859248 (50.00)	22859249(5 0.00)	22859249(50 .00)
CdC K-3	5043 7904	7.57	93.5 1	47.8 2372	4443	6.6	96.7 3	47. 7	88.09	44432 372	43043120 (96.87)	4169092 2(96.86)	20845462 (50.00)	20845460 (50.00)	20845460(5 0.00)	20845462(50 .00)
CdS e-1	5644 7566	8.47	94.4 4	47.5 1	5093 6534	7.55	97 38	47. 38	90.24	50936 534	48885497 (95.97)	4756721 7(97.30)	23783610 (50.00)	23783607 (50.00)	23783610(5 0.00)	23783607(50 .00)
CdS e-2	5925 5326	8.89	93.9 4	47.4 8	5278 5916	7.84	96.8 3	47. 38	89.08	52785 916	50875655 (96.38)	4913536 1(96.58)	24567681 (50.00)	24567680 (50.00)	24567681(5 0.00)	24567680(50 .00)
CdS e-3	5395 8948	8.09	94.0 5	47.5 5	4826 1820	7.16	96.8 1	47. 43	89.44	48261 820	46410426 (96.16)	4485366 2(96.65)	22426832 (50.00)	22426830 (50.00)	22426831(5 0.00)	22426831(50 .00)
Se-1	5343 3380	8.02	93.8 1	47.6 7	4747 0096	7.05	96.7 8	47. 58	88.84	47470 096	45812114 (96.51)	4425080 0(96.59)	22125401 (50.00)	22125399 (50.00)	22125401(5 0.00)	22125399(50 .00)

Se-2	5437	8.16	93.9	47.4	4855	7.21	96.7	47.	89.3	48552	46437140	4457712	22288564	22288559	22288561(5	22288562(50
	3584		6	6	2904		8	35		904	(95.64)	3(95.99)	(50.00)	(50.00)	0.00)	.00)
Se-3	5204	7.81	93.4	47.3	4586	6.82	96.6	47.	88.13	45862	44065358	4280509	21402546	21402544	21402544(5	21402546(50
	0458		6	9	2352		2	31		352	(96.08)	0(97.14)	(50.00)	(50.00)	0.00)	.00)
