

Figure 3 A

DMSO			EGCG		
	vac. morph. index		vac. morph. index		
length	14.664		length	2.605	
width	9.863	↓	width	1.699	↓
	10.334			3.614	
	9.143	94.48376		2.204	7.965256
	14.466			4.854	
	10.091	145.9764		2.549	12.37285
	9.854			2.862	
	6.252	61.60721		2.078	5.947236
	18.6			5.282	
	6.972	129.6792		2.686	14.18745
	16.578			3.372	
	12.743	211.2535		2.166	7.303752
	12.551			3.753	
	7.961	99.91851		2.209	8.290377
	15.184			4.974	
	8.653	131.3872		2.984	14.84242
	11.931			6.738	
	6.384	76.1675		2.548	17.16842
	7.224			4.769	
	4.805	34.71132		2.235	10.65872
	8.077			6.122	
	4.739	38.2769		2.967	18.16397
	6.064			2.508	
	2.739	16.6093		2.635	6.60858
	8.613			4.784	
	7.506	64.64918		2.295	10.97928
	5.017			2.773	
	4.331	21.72863		1.686	4.675278
	10.823			3.41	
	7.272	78.70486		1.672	5.70152
	7.961			3.848	
	5.046	40.17121		1.612	6.202976
	7.87			16.276	
	6.469	50.91103		5.318	86.55577
	4.805			13.215	
	4.251	20.42606		9.398	124.1946
	5.949			6.201	
	5.437	32.34471		5.051	31.32125
	6.492			6.663	
	4.829	31.34987		4.203	28.00459
	4.331			11.665	
	3.465	15.00692		5.604	65.37066
	7.958			5.547	
	6.469	51.4803		4.085	22.6595
	10.334			4.028	
	6.026	62.27268		4.514	18.18239
	11.734			3.911	
	5.108	59.93727		2.718	10.6301
	8.45			6.453	
	4.835	40.85575		4.165	26.87675
	7.748			5.051	
	5.771	44.71371		4.246	21.44655
	7.688			4.516	
	5.097	39.18574		3.667	16.56017
	4.953			5.238	
	4.196	20.78279		2.369	12.40882
	10.128			4.22	
	5.806	58.80317		2.406	10.15332
	20.205			1.956	
	11.333	228.9833		1.733	3.389748
	20.219			5.773	
	9.067	183.3257		2.215	12.7872
	3.911			1.937	
	3.799	14.85789		1.699	3.290963
	19.515			5.806	
	10.509	205.0831		4.134	24.002
	13.668			4.177	
	5.372	73.4245		2.888	12.06318
	8.183			4.093	
	4.665	38.1737		3.009	12.31584
	7.46			1.578	
	5.588	41.68648		1.281	2.021418
	13.904			9.383	
	5.051	70.2291		5.811	54.52461
	9.757			9.65	
	6.14	59.90798		6.77	65.3305
	4.93			4.733	
	4.93	24.3049		6.343	30.02142
	5.372			8.218	
	3.364	18.07141		9.358	76.90404
	8.211			4.949	
	4.787	39.30606		1.937	9.586213
	9.801			4.015	
	6.702	65.6863		3.232	12.97648
	6.343			2.739	
	4.331	27.47153		2.205	6.039495
	10.509			3.366	
	3.675	38.62058		1.686	5.675076
	18.022			3.622	
	8.413	151.6191		1.72	6.22984
	9.423			3.874	
	6.984	65.81023		1.786	6.918964
	9.383			4.029	
	4.733	44.40974		3.1	12.4899
	11.861			1.802	
	6.252	74.15497		2.014	3.629228

Figure 3 B

DMSO			EGCG		
cell wall	vacuole	occupancy	cell wall	vacuole	occupancy
2817	1122	39.82961	5200	2819	54.21154
3394	1374	40.48321	3120	1361	43.62179
4162	2048	49.20711	2642	918	34.7464
2227	1069	48.0018	2619	1185	45.24628
2726	1504	55.17241	6617	2638	39.86701
2357	1020	43.27535	4134	1393	33.69618
2083	680	32.64522	3180	1204	37.86164
4037	1757	43.52242	2971	901	30.32649
4201	2270	54.03475	2682	718	26.77107
2557	1282	50.13688	2703	669	24.75028
2488	1211	48.67363	3479	890	25.58206
4329	1858	42.91984	4109	1471	35.79946
3264	1605	49.17279	5190	1809	34.85549
2514	1331	52.94352	2343	565	24.11438
1530	683	44.64052	3060	1712	55.94771
2352	1115	47.40646			

Figure 3 C

Figure 3 D

Col-0 S			Col-0 M			Surface			Medium		
	vac.	morph. index		vac.	morph. index	cell wall	vacuole	occupancy	cell wall	vacuole	occupancy
length	9.947	↓	length	8.173	↓						
width	5.142	51.14747	width	3.338	27.28147	4294	1808	42.10526	1808	552	30.53097
	7.402			6.487		3452	1140	33.02433	2528	984	38.92405
	3.16	23.39032		5.097	33.06424	2621	958	36.55093	3255	1023	31.42857
	5.731			4.565		3010	1207	40.09967	4194	1368	32.61803
	3.941	22.58587		4.085	18.64803	5444	2254	41.40338	2639	1248	47.29064
	7.925			10.162		2228	1008	45.24237	2875	872	30.33043
	6.078	48.16815		7.448	75.68658	5035	1948	38.68918	2479	810	32.67447
	12.275			6.745		4328	2204	50.92421	3034	990	32.63019
	6.984	85.7286		5.187	34.98632	4741	2468	52.05653	4465	1706	38.20829
	7.307			7.987		3958	1538	38.85801	2302	502	21.80712
	4.615	33.72181		2.686	21.45308				6573	1886	28.69314
	10.726			3.133							
	5.275	56.57965		2.802	8.778666						
	12.503			3.058							
	5.711	71.40463		2.403	7.348374						
	10.942			5.068							
	5.421	59.31658		2.149	10.89113						
	12.994			5.159							
	4.953	64.35928		3.498	18.04618						
	10.094			4.085							
	8.368	84.46659		3.465	14.15453						
	9.231			4.077							
	5.67	52.33977		3.911	15.94515						
	7.797			5.776							
	6.021	46.94574		2.554	14.7519						
	6.972			4.325							
	6.265	43.67958		2.686	11.61695						
	10.137			4.805							
	5.531	56.06775		2.739	13.1609						
	7.144			10.216							
	3.999	28.56886		4.805	49.08788						
	6.834			4.331							
	6.011	41.07917		3.66	15.85146						
	7.748			5.097							
	4.258	32.99098		5.051	25.74495						
	7.822			5.766							
	4.559	35.6605		3.852	22.21063						
	9.505			5.91							
	7.525	71.52513		3.882	22.94262						
	16.366			4.787							
	10.103	165.3457		3.039	14.54769						
	13.697			4.258							
	6.536	89.52359		3.604	15.34583						
	6.628			7.452							
	8.893	58.9428		4.196	31.26859						
	10.705			9.804							
	8.893	95.19957		4.258	41.74543						
	8.183			4.859							
	6.492	53.12404		6.064	29.46498						
	12.577			7.541							
	6.252	78.6314		6.343	47.83256						
	10.343			5.846							
	7.37	76.22791		5.806	33.94188						
	15.236			8.532							
	5.786	88.1555		4.411	37.63465						