

Supplementary Table S5. Differentially expressed unigenes during *D. pectinatum* male cone development that are involved in plant hormones biosynthesis or metabolism.

Plant hormones	Gene ID	Annotated genes
IAA	Cluster-23568.16799	<i>Auxin transporter-like protein 1</i>
	Cluster-23568.10352	
	Cluster-23568.30406	
	Cluster-23568.26471	
	Cluster-23568.20803	<i>Auxin transporter-like protein 2</i>
	Cluster-23568.2364 Cluster-25286.0	<i>Methylesterase 1</i>
CTK	Cluster-23568.33453	<i>Cytokinin trans-hydroxylase</i>
	Cluster-23456.0	<i>Cytokinin riboside 5'-monophosphate phosphoribohydrolase</i>
	Cluster-23568.2310 Cluster-23568.173 Cluster-23568.37201 Cluster-23568.7998	<i>Cytokinin dehydrogenase</i>
	Cluster-23568.21188	<i>Adenylate kinase</i>
GA	Cluster-23568.15405 Cluster-23568.31782 Cluster-23568.31781 Cluster-23568.22762 Cluster-23568.27305 Cluster-23568.27307 Cluster-23568.31779 Cluster-23568.20922 Cluster-23568.16547 Cluster-23568.26342 Cluster-23568.14123 Cluster-23568.14120 Cluster-23568.14121 Cluster-21843.0 Cluster-3358.0	<i>ent-Copalyl diphosphate synthase</i>
	Cluster-23568.28824 Cluster-23568.6200	<i>ent-Kaurene oxidase</i>
ABA	Cluster-489.1	<i>9-cis-epoxycarotenoid dioxygenase</i>
	Cluster-23568.5249 Cluster-23568.7290 Cluster-23568.4582	<i>Short-chain alcohol dehydrogenase/reductase</i>
	Cluster-23568.18098 Cluster-23568.9872 Cluster-23568.17541 Cluster-23568.22596	<i>Molybdenum cofactor sulfurase</i>
	Cluster-23568.2501	<i>Violaxanthin de-epoxidase</i>
Ethylene	Cluster-25862.0 Cluster-19940.0 Cluster-22270.1	<i>1-aminocyclopropane-1-carboxylic acid synthase</i>

	Cluster-23568.10936	
	Cluster-7797.0	
	Cluster-23568.11008	
	Cluster-11218.0	<i>1-aminocyclopropane-1-carboxylic acid</i>
	Cluster-23568.19723	<i>oxidase</i>
	Cluster-23568.34367	
	Cluster-23568.6492	
JA	Cluster-23568.11909	
	Cluster-23568.39804	
	Cluster-23568.39805	
	Cluster-23301.0	
	Cluster-23568.15845	
	Cluster-23568.3858	
	Cluster-23568.1226	
	Cluster-23568.33077	
	Cluster-23568.13982	<i>Phospholipase A1</i>
	Cluster-23568.29227	
	Cluster-23568.31959	
	Cluster-23568.31823	
	Cluster-23568.24876	
	Cluster-23568.23635	
	Cluster-23568.38544	
	Cluster-23568.33245	
	Cluster-23568.20298	
	Cluster-23568.24865	
	Cluster-23568.24030	
	Cluster-23568.23419	
	Cluster-23568.19298	
	Cluster-23568.24868	
	Cluster-23568.25003	<i>Lipoxygenase</i>
	Cluster-23568.15580	
	Cluster-23568.24044	
	Cluster-23568.24045	
	Cluster-23568.24271	
	Cluster-23568.36921	
	Cluster-23568.24866	
	Cluster-23568.24043	
	Cluster-23568.17790	
	Cluster-23568.23753	
	Cluster-23568.27839	
	Cluster-23568.22812	<i>Allene oxide synthase</i>
	Cluster-23568.29830	
	Cluster-23568.27187	
	Cluster-23568.23752	
	Cluster-23568.10258	<i>Allene oxide cyclase</i>