Kale vs TO1000 Higher Expressed Genes

	plant organ aging aging senescence		biological quality	negative regulation of anion transport	auxin-activated signaling pathway	response to insect	response to water	response to other organism
		acylglycerol	To a lating of		phenylpropanoid			
					response to		response to stress	
cell wall modification		metabolic process movement	metaboli tomatal movem	metabolic pr regulation of stomatal movement cellular nomeostasis	acid chemical	response to	response to inorganic substancestress	
-	organic hydroxy compound metabolism	regulation of RNA	regulatio		response to			ga
plastid organization		metabolic process	metaboli	regulation of stomatal movement	hypersensitive response	wounding	response to herbivore	response to
		cellular lipid	cellula		regulation of	response to		
organic hydroxy biosynthesis protein-chromophore linkage biosynthetic process	fatty acid derivative biosynthesis biosynthetic process biosynthetic	L-proline biosynthetic process	glyceradehyde-3-phosphale metabolic process	carbohydrate derivative catabolic process	secondary metabolic process	carbon fixation		small molecule metabolic process
		glycosyl compound metabolic process	nitrile biosynthesisde metabolic rocess process	nitrile b		≱tabolism 	fatty acid derivative metabolism	
es is	photosynthesis				organic acid metabolic process	lipid metabolic process		
		glycosinolate metabolic process		nitrile biosynthetic process			YOCOSS	fatty acid derivative metabolic process

Kale vs TO1000 Lower Expressed Genes

nucleoside metabolic process	nucleoside metabolism	cellular nitrogen compound metabolic process	
regulation of mRNA processing	olism	nucleobase-containing compound metabolic process	
regulation of mRNA metabolic process		ng compound metabolic process	
ribonucleoprotein complex biogenesis		carbohydrate derivative metabolism	

Kale vs Cabbage Higher Expressed Genes

vacuole organization	fatty acid derivative metabolism metabolic process		amylopectin metabolic process	el activity by blue light	regulation of anion channel activity by blue light	positive regulation of protein serine/threonine kinase activity
		glycosinolate resis catabolic process	amylopectin biosynthesis glycosinolate catabolic process		negative regulation of gene expression	negative regulat
			amylopectin biosynthetic process	negative regulation of ion transport	regulation of localization	negative regulation of gene expression
carbohydrate carbohydrate metabolism metabolic process	photosynthesis					
		ess	nitrile metabolic process	response to other organism	response	response to stress
	_		nitrile-metabolism			
isoprenoid biosynthetic process	carbon fixal carbon fixation	Cess	nitrile biosynthetic process	response to external stimulus	response to herbivore	response to herbivore

Cabbage vs TO1000 Higher Expressed Genes

cellular	catabolism			regulation of cell growth	translational termination	biosynthetic	lipid metabolic process		RNA biosynthetic process
		mulus	response to stimulus	lification——	peptidyl-proline modification-	small molecule	metabolic process	organic hydroxy	
				protein oligomerization	peptidyl-proline modification ol		regulation of RNA		
ransport biosynthesis	oligosaccharide transport	photoprotection	cellular response to oxidative stress	response to chitin	response to water deprivation	organic acid biosynthetic process	glycosyl compound metabolic process	hydrogen sulfide metabolic process	secondary metabolic process
process	process		compound						
metabolic metabolism	compound metabolism indole-containing modified compound amino ac biosynthetic metabolism	response to chemical	response to oxygen-containing	response to other organism		grycosyr compound biosynthetic process		rocess biosynthetic process secondary metabolite biosynthesis	organic acid metabolic process
or.	indole-containing		ling	response to wounding	response to osmotic stress				
orocess	indole-containing compound metabolic process	response to inorganic substance	response to stress	response to insect					
sulfur compound metabolism	sulfur co	response to oxidative stress		cellular response to sulfur starvation	response to wounding	sulfur compound		small molecule	secondary metabolite

Cabbage vs TO1000 Lower Expressed Genes

cellular aromatic compound metabolic process	nucleobase-containing compound metabolic process
cellular nitrogen compound metabolic process	heterocycle metabolic process

Kale Shared Higher Expressed Genes

lipid metabolic process	isoprenoid biosynthesis fatty acid derivative metabolic process		isoprenoid biosynthetic process
lipid biosynthetic process			fatty acid derivative biosynthetic process
cellular response to iron ic response to other organism se to other organism			nitrile biosynthetic proces nitrile metabolism nitrile metabolic process
ther organism se to other organism			tabolismnitrile metabolic process
polysaccharide catabolism	negative regulation of ion transport		plastid organization