

genet	size	treatment	timepoint	mean area					genet <int>	size <dbi>	treatment <chr>	percent_change <dbi>		genet	size	avg percent change	avg percent change for each size
	33	1.2 control	1	146.975					33	1.2 control		111.60061		33	1.2	107.14	103
	33	1.2 30min	1	173.31					33	1.2 30min		102.48976		34	1.2	89.32	
	33	1.2 1hr	1	200.61					33	1.2 1hr		107.31768		35	1.2	112.5	
	34	1.2 control	1	214.31					34	1.2 control		103.09365		33	2	54.2	72.9
	34	1.2 30min	1	205.83					34	1.2 30min		89.11578		34	2	78.9	
	34	1.2 1hr	1	250.72					34	1.2 1hr		75.75383		35	2	85.6	
	38	1.2 control	1	217.512					38	1.2 control		96.8719					
	38	1.2 30min	1	193.34					38	1.2 30min		107.32906					
	38	1.2 1hr	1	191.32					38	1.2 1hr		133.25842					
	33	2 control	1	369.85					33	2 control		44.61782					
	33	2 30min	1	388.61					33	2 30min		58.05563					
	33	2 1hr	1	396.76					33	2 1hr		59.93044					
	34	2 control	1	394.333					34	2 control		75.10784					
	34	2 30min	1	418.06					34	2 30min		79.73018					
	34	2 1hr	1	450.24					34	2 1hr		81.92075					
	38	2 control	1	335.13					38	2 control		94.86408					
	38	2 30min	1	380.31					38	2 30min		77.62904					
	38	2 1hr	1	409.786					38	2 1hr		84.26935					
	33	1.2 control	4	244.59													
	33	1.2 30min	4	283.65													
	33	1.2 1hr	4	338.13													
	34	1.2 control	4	335.225													
	34	1.2 30min	4	300.496													
	34	1.2 1hr	4	351.168													
	38	1.2 control	4	331.747													
	38	1.2 30min	4	282.25													
	38	1.2 1hr	4	284.81													
	33	2 control	4	486.81													
	33	2 30min	4	519.52													
	33	2 1hr	4	557.38													
	34	2 control	4	568.37													
	34	2 30min	4	576.105													
	34	2 1hr	4	651.216													
	38	2 control	4	498.356													
	38	2 30min	4	510.679													
	38	2 1hr	4	554.96													
	33	1.2 control	7	311													
	33	1.2 30min	7	350.935													
	33	1.2 1hr	7	415.9													
	34	1.2 control	7	435.25													
	34	1.2 30min	7	389.257													
	34	1.2 1hr	7	440.65													
	38	1.2 control	7	428.22													
	38	1.2 30min	7	400.85													
	38	1.2 1hr	7	446.27													
	33	2 control	7	534.869													
	33	2 30min	7	614.22													
	33	2 1hr	7	634.54													
	34	2 control	7	690.508													
	34	2 30min	7	751.38													
	34	2 1hr	7	819.08													
	38	2 control	7	653.048													
	38	2 30min	7	675.541													
	38	2 1hr	7	755.11													

pct formula = final - initial/initial