Of EMB2777 and F14J22.20 - exons & introns

by Hanbee O











What are the Genotypes of Plants?						
Plant #	Mutant?	WT?	Genotype?	Genotype	Plant #	
1	X	X	Heterozygous	Heterozy- gous	1, 3, 4, 5	
2		Х	Homo. WT			
3	X	X	Heterozygous	Homo. WT	2, 6, 7, 8, 9, 10, 11, 12	
4	X	X	Heterozygous			
5	X	X	Heterozygous	No homozygous mutant! Likely to be seed lethal		
6 (WT)		Х	Homo. WT			
7		Х	Homo. WT			
8		Х	Homo. WT			
9		Х	Homo. WT			
10		Х	Homo. WT			
11		Х	Homo. WT			
12 (WT)		Х	Homo. WT			
►						

























What is the Significance of the Results?

AT2G43650	AT1G49560	
Knockout of the gene is likely to be seed lethal	Knockout of the gene is not lethal	
Mutation has a significant impact on embryo / seed development	Mutation does not have a significant impact on embryo / seed development	
Mutant gene affects the morphology of the embryo (and possibly the seed coat)	No mutant phenotype observed	
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