

Table S5. Odds ratio estimates of root tip angle distribution.

Genetic perturbation	Genotype	Angle category	Odds Ratio ^a		
			Estimate ^b	95% CI ^c	
<i>GLV3</i> gain-of-function	<i>GLV3</i> ^{OE} (102-7)	2	1,753	0.652	4,712
		3	84.545 *	17,629	405,474
	<i>GLV3</i> ^{OE} (106-3)	2	1,978	0.969	4,037
		3	26.538 *	5,825	120,906
<i>GLV4</i> gain-of-function	<i>GLV4</i> ^{OE} (4-3)	2	0.877	0.465	1,652
		3	2,727	0.530	14,032
	<i>GLV4</i> ^{OE} (102-3)	2	1,667	0.888	3,128
		3	8.000 *	1,705	37,543
<i>GLV5</i> gain-of-function	<i>GLV5</i> ^{OE} (7-1)	2	1,118	0.488	2,563
		3	35.217 *	7,744	160,157
	<i>GLV5</i> ^{OE} (12-1)	2	1,948	0.999	3,798
		3	30.909 *	6,980	136,873
<i>GLV6</i> gain-of-function	<i>GLV6</i> ^{OE} (11-1)	2	3.956 *	1,759	8,897
		3	145.385 *	31,478	671,483
	<i>GLV6</i> ^{OE} (21-2)	2	3.312 *	1,372	7,993
		3	144.545 *	30,640	681,891

^a The odds ratio represents the odds of root angle to fall in the categories 2 or 3 rather than in the baseline category 1 for a mutant line compared to the wild type.

^b The stars (*) indicate the mutant lines for which a root tip angle is more likely to fall in category 2 or 3 instead of in category 1 compared to the wild type, with a 95% confidence.

^c CI, confidence interval.