

**Table S2. Phenotype distribution of mature vein patterns**

Genotype	Class								Total
	I	II	III	IV	V	VI	VII	VIII	
WT	43 (100)	0	0	0	0	0	0	0	43
<i>athb8-11</i>	51 (100)	0	0	0	0	0	0	0	51
<i>arf5-2</i> (rooted)	0	21 (38.9)	28 (51.9)	1 (1.9)	4 (7.3)	0	0	0	54
<i>arf5-2 athb8-11</i> (rooted)	0	18 (20.9)	57 (66.3)	3 (3.5)	8 (9.3)	0	0	0	86
<i>arf5-2</i> (rootless)	0	12 (17.4)	20 (29)	16 (23.2)	21 (30.4)	0	0	0	69
<i>arf5-2 athb8-11</i> (rootless)	0	3 (6.5)	13 (28.3)	6 (13.0)	22 (47.8)	2 (4.4)	0	0	46
<i>mp<sup>U55</sup></i>	0	0	0	0	0	10 (22.8)	32 (72.7)	2 (4.5)	44
<i>mp<sup>U55</sup> athb8-11</i>	0	0	0	0	0	24 (27.0)	64 (71.9)	1 (1.1)	89

See text and Fig. 8, respectively, for description and illustration of phenotypic classes. Values in parentheses indicate percentage contribution of each class.