

Table 1

Phenotypes of perithecia and ascospores resulting from crosses involving per-1 alleles

Group	Protoperithecial parent ( <u>per-1</u> allele)	Fertilizing parent ( <u>per-1</u> allele)					
		PBJ1		UG 1837		<u>per-1</u> <sup>+</sup>	
		Perithecial color	Ascus type*	Perithecial color	Ascus type*	Perithecial color	Ascus type*
I	ABT1	yellow	0:8	yellow	4:4	yellow	4:4
	ABT8	yellow	0:8	yellow	4:4	yellow	4:4
	PBE1	yellow	0:8	yellow	4:4	yellow	4:4
	PBJ1	yellow	0:8	yellow	4:4	yellow	4:4
	PBP1	yellow	0:8	yellow	4:4	yellow	4:4
	PBT4	yellow	0:8	yellow	4:4	yellow	4:4
	PBT5	yellow	0:8	yellow	4:4	yellow	4:4
	<u>AR174</u>	yellow	0:8	yellow	4:4	yellow	4:4
II	UG1837	orange	4:4	orange	8:0	orange	8:0
	<u>29-278</u>	orange	4:4	orange	8:0	orange	8:0
	<u>29-281</u>	orange	4:4	orange	8:0	orange	8:0
---	<u>per-1</u> <sup>+</sup>	black	4:4	black	8:0	black	8:0

\* Black:white ascospores.