

**Table S4.** Fruiting body color of selfing population of ACW001-33×ACP004-33

<div><div><div><div><div></div><div><math>A_{p1}</math></div></div><div><math>A_{w1}</math></div></div></div></div>	3	6	17	22	23	34	40	47	50	54	62	68	72	80	88
	(W)	(P)	(W)	(W)	(P)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(W)	(P)
5 (W)	*	P	W	*	W	W	W	*	W	*	*	*	*	W	P
7 (P)	P	P	P	W	W	*	W	W	W	P	P	W	*	W	P
9 (W)	W	P	W	W	W	W	W	*	W	W	W	W	W	W	P
14 (W)	*	P	W	W	W	*	W	W	W	*	W	W	*	W	P
26 (W)	*	P	*	*	W	*	*	W	W	W	*	W	*	W	*
38 (W)	W	P	W	W	W	W	W	W	W	W	W	W	*	*	P
45 (W)	W	*	*	*	*	*	W	*	*	W	*	W	*	W	*
48 (P)	*	P	P	P	P	P	P	P	P	P	P	*	*	P	*
51 (P)	P	P	P	*	W	W	W	W	*	P	P	W	*	W	P
56 (P)	*	P	P	P	P	P	*	P	P	*	*	P	*	*	P
71 (W)	W	*	W	*	W	W	*	W	W	*	W	W	W	*	P
76 (W)	W	P	W	*	W	*	*	*	W	*	*	W	*	W	*
86 (W)	*	*	W	W	P	W	W	W	W	*	W	W	W	W	P
91 (W)	W	P	*	W	*	W	*	*	W	W	*	W	*	W	P

\* “P” represents the color of the fruiting body is purple. “W” represents the color of the fruiting body is white. “ \* ” represents cross was successful but didn’t produce fruiting body.