

Table S4. Potential pollen-pistil/pollination processes genes obtained from the F and R libraries.

Seq. Name	Seq. Description	GenBank accession No.	Length (bp)	E-value	Similarity	Annotation
F library						
H102	Pollen coat-like protein (PCP)	JK724775	488	2.23E-31	86.55%	Pollen development
H128	Pollen allergen Pla o1	JK724777	526	1.80E-35	57.85%	Extracellular space
H304	F-box protein (F-box)	JK724779	446	3.04E-23	87.80%	Kinase activity
R library						
F65	F-box and wd40 domain protein	JK724786	339	6.79E-52	82.15%	G-protein complex
F78	Self-incompatibility S1 family protein (S1)	JK724787	252	1.38E-09	62.83%	Pollen-pistil interaction
F960	Sexual differentiation process protein isp4-like (SDPP)	JK724788	840	7.23E-67	83.80%	Transporter activity
F499	Anther-specific protein LAT52 precursor	JK724793	181	1.67E-06	70.80%	Extracellular space
F546	Pollen allergen Che a 1 precursor	JK724795	260	1.67E-14	64.50%	Extracellular space
F685	Auxin-repressed protein	JK724798	595	1.18E-09	61.67%	Signal transduction