Supplemental Table 1. Sequence identities among *S-RNase* allele exons (%)

	S1	S2	S3	S4	S5	S6	S7	S8	S9	Sk
S1	-	79.59	76.19	94.03	78.50	82.11	83.84	81.62	79.16	78.77
S2		-	78.05	79.59	79.80	79.16	79.36	81.04	78.49	78.68
S3			-	76.48	95.18	75.04	76.38	74.75	74.35	75.68
S4				-	78.93	82.40	84.43	82.78	80.03	78.92
S5					-	77.20	79.13	77.63	76.38	77.83
S6						-	80.87	79.11	81.19	77.92
S7							-	83.87	79.07	77.97
S8								-	79.31	78.63
S9									-	76.54
Sk										-

Supplemental Table 2. Sequence identities among *PpSFBB-gamma* alleles (%)

DDBJ accession nos.	Gene name	SFBB1-gamma	SFBB2-gamma	SFBB3-gamma	SFBB4-gamma	SFBB5-gamma	SFBB6-gamma	SFBB7-gamma	SFBB8-gamma	SFBB9-gamma	SFBBk-gamma
AB297933	SFBB1-gamma	-	99.2	99.2	98.8	99.2	99.3	99.3	99.6	99.1	99.50
AB297934	SFBB2-gamma		-	99	98.7	99.3	99.1	98.8	99.4	99.1	99.3
AB297935	SFBB3-gamma			-	99.16	99.2	98.7	99.3	99.1	99.2	99
AB270799	SFBB4-gamma				-	98.7	98.40	99.2	98.7	98.9	98.7
AB270802	SFBB5-gamma					-	99.1	98.8	99.1	98.9	99.3
AB297936	SFBB6-gamma						-	98.9	99.2	98.7	99.4
AB297937	SFBB7-gamma							-	99.2	99.1	99.2
AB297938	SFBB8-gamma								-	99.2	99.4
AB297939	SFBB9-gamma									-	98.9
AB297940	SFBBk-gamma										-

Supplemental Table 3. Identities among the sequences of the first 147 bases of *S-RNase* allele introns (%)

	S1	S2	S3	S4	S5	S6	S7	S8	S9	Sk
S1	-	28.57	48.98	94.56	51.02	50.34	56.46	44.22	31.29	34.01
S2		-	32.65	27.21	31.29	34.69	29.25	29.25	40.82	31.29
S3			-	48.30	93.20	48.30	55.78	42.18	35.37	37.41
S4				-	50.34	52.38	57.82	44.90	32.65	34.01
S5					-	49.66	55.78	41.50	37.41	37.41
S6						-	51.02	44.90	35.37	37.41
S7							-	46.94	35.37	37.41
S8								-	31.97	29.93
S9									-	30.61
Sk										-