

Supplementary Table 2. *Prunus S-RNase* and *S*-like amino acid sequences used.

<i>Prunus</i> Species	<i>S-RNase Specificity</i>	Accession number
<i>P. dulcis</i>	<i>S_a</i>	GI7707624
	<i>S_b</i>	GI3927877
	<i>S_c</i>	GI3927879
	<i>S_d</i>	GI3927881
	<i>S_e</i>	GI11863172
	<i>S_f</i>	GI32329151
	<i>S_h</i>	GI14279387
	<i>S_k</i>	GI119852247
	<i>S_i</i>	GI14279391
	<i>S_m</i>	GI70906983
	<i>S_n</i>	GI70671528
	<i>S₂</i>	GI18092542
	<i>S₆</i>	GI115310626
	<i>S_{9b}</i>	GI18092544
	<i>S_{10a}</i>	GI115310628
	<i>S₁₁</i>	GI115310632
	<i>S₁₃</i>	GI115310636
	<i>S₁₄</i>	GI115310638
	<i>S₁₈</i>	GI115310646
	<i>S₂₀</i>	GI115310650
	<i>S₂₁</i>	GI115310652
	<i>S₂₂</i>	GI115310654
	<i>S₂₄</i>	GI115310307
	<i>S_{25b}</i>	GI115310309
	<i>S₂₆</i>	GI115306391
	<i>S₂₈</i>	GI115306396
	<i>S₃₀</i>	GI62084563
	<i>S₆₁</i>	GI50261456
	<i>S₆₂</i>	GI50261458
	<i>S₆₃</i>	GI50261460
	<i>S₆₄</i>	GI50261462

	<i>PD</i> ₁	GI9957752
	<i>PD</i> ₂	GI9081845
<i>P. webbia</i>	<i>S</i> _{1a}	GI73912845
	<i>S</i> _{1b}	GI116283068
	<i>S</i> _{2b}	GI116283070
	<i>S</i> _{3a}	GI73912851
	<i>S</i> _{3b}	GI116283072
	<i>S</i> _{4a}	GI73912853
	<i>S</i> ₅	GI73912855
	<i>S</i> ₆	GI116283078
	<i>S</i> ₇	GI73912859
	<i>S</i> ₉	GI73912863
	<i>S</i> ₁₀	GI73912867
<i>P. tenella</i>	<i>S</i> ₁	GI119655349
	<i>S</i> ₂	GI119655351
	<i>S</i> ₃	GI119655353
	<i>S</i> ₄	GI119655327
	<i>S</i> ₅	GI119655329
	<i>S</i> ₆	GI119655331
	<i>S</i> ₇	GI119655333
	<i>S</i> ₈	GI119655335
	<i>S</i> ₉	GI119655342
<i>P. persica</i>	<i>S</i> ₂	GI119852263
<i>P. mume</i>	<i>S</i> ₁	GI28170762
	<i>S</i> ₇	GI28170764
	<i>S</i> ₉	GI29420821
	<i>S</i> ₁₀	GI63054262
	<i>S</i> ₁₁	GI76577783
	<i>S</i> ₁₂	GI76577785
	<i>S</i> ₁₃	GI85717963
	<i>S</i> ₁₄	GI110559515
	<i>S</i> _f	GI28170760
	<i>MSRN</i> ₂	GI14189836

	<i>MSRN</i> ₃	GI14189838
	<i>PMSRN</i> ₂	GI16660651
	<i>PMSRN</i> ₄	GI16660656
	<i>PMSRN</i> ₅	GI16660659
	<i>PMSRN</i> ₆	GI16660667
	<i>PMSRN</i> ₇	GI16660662
<i>P. armeniaca</i>	<i>S</i> _c	GI91177936
	<i>S</i> _h	GI30691710
	<i>S</i> _{1a}	GI50059163
	<i>S</i> ₂	GI50059165
	<i>S</i> ₄	GI50059170
	<i>S</i> ₆	XXXX
	<i>S</i> _{8a}	GI58618856
	<i>S</i> _{8b}	XXXX
	<i>S</i> ₉	GI58003469
	<i>S</i> ₁₀	GI56967882
	<i>S</i> _{12a}	XXXX
	<i>S</i> _{12b}	GI113171035
	<i>S</i> ₁₃	GI117938600
	<i>S</i> ₁₄	GI113171039
	<i>S</i> ₁₅	XXXXX
	<i>S</i> ₁₆	GI113171043
	<i>S</i> ₁₇	GI113171045
	<i>S</i> _{18a}	XXXX
	<i>S</i> _{18b}	GI113171047
	<i>S</i> ₁₉	GI119393849
	<i>PA</i> ₁	GI28194123
	<i>PA</i> _{2b}	GI28194127
	<i>PADSII</i>	GI28194132
<i>P. spinosa</i>	<i>S</i> ₁	XXXX
	<i>S</i> ₃₋₁	GI110559942
	<i>S</i> ₃₋₂	GI110559945
	<i>S</i> ₆	XXXX

	<i>S</i> ₇₋₁	GI110559948
	<i>S</i> ₈	GI110559951
	<i>S</i> ₉	GI110559954
	<i>S</i> ₁₀	GI110559957
	<i>S</i> ₁₂	GI110559960
	<i>S</i> ₁₅	XXXX
	<i>S</i> ₁₆	XXXX
	<i>S</i> ₁₉	XXXX
	<i>S</i> ₂₄	XXXX
<i>P. salicina</i>	<i>S</i> _a	GI119852251
	<i>S</i> _b	GI119852255
	<i>S</i> _c	GI23821306
	<i>S</i> _d	GI23821308
	<i>S</i> _e	GI23821318
	<i>S</i> _f	GI99032719
	<i>S</i> _g	GI29691944
	<i>S</i> _h	GI99032725
	<i>S</i> _i	GI23821324
	<i>S</i> _j	GI29691946
	<i>S</i> _k	GI29691948
	<i>S</i> _m	GI29691952
	<i>S</i> _n	GI29691954
	<i>S</i> _{1a}	GI29691950
	<i>S</i> ₇	GI99032721
	<i>S</i> ₈	GI99032723
	<i>S</i> ₉	GI62822674
	<i>S</i> ₁₀	GI62750414
	<i>S</i> ₁₁	GI99032713
	<i>S</i> ₁₂	GI99032715
	<i>S</i> ₁₃	GI99032717
<i>P. cerasus</i>	<i>S</i> _a	GI18652855
	<i>S</i> ₁₃	GI88702495
	<i>S</i> ₂₆	GI78354985

<i>P. avium</i>	S_1	GI5763515	
	S_2	GI12657467	
	S_3	GI4115490	
	S_4	GI5763517	
	S_5	GI12657473	
	S_6	GI12657475	
	S_7	GI46250466	
	S_9	GI46250470	
	S_{10}	GI46250474	
	S_{12}	GI32967522	
	S_{13}	GI88702493	
	S_{14}	GI46250484	
	S_{16}	GI46250488	
	S_{17}	GI55724904	
	S_{18}	GI55783709	
	S_{19}	GI85067823	
	S_{20}	GI55724910	
	S_{21}	GI67008314	
	S_{22a}	GI32967516	
	S_{22b}	GI55783724	
	S_{23}	GI32967520	
	S_{25}	GI32967518	
	<i>P. pseudocerasus</i>	S_1	GI57904684
	<i>P. lannesiana</i>	S_1	Kato and Mukai (2004), Fig. 3
		S_2	Kato and Mukai (2004), Fig. 3
S_3		Kato and Mukai (2004), Fig. 3	
S_4		Kato and Mukai (2004), Fig. 3	
S_5		Kato and Mukai (2004), Fig. 3	
S_6		Kato and Mukai (2004), Fig. 3	
S_7		Kato and Mukai (2004), Fig. 3	
