

Table S2. The accession No. of amino acid sequences of *PSY* in 23 kinds of plants

Plant Species	The Latin name	Amino NO.
Tomato	<i>Solanum lycopersicum</i>	ACE75885.1
Chilli	<i>Capsicum annuum</i>	ACE78189.1
Medlar	<i>Lycium barbarum</i>	AAW88383.1
Sweet potato	<i>Ipomoea batatas</i>	BAI47572.1
Cape jasmine	<i>Gardenia jasminoides</i>	AEF59491.1
Osmanthus	<i>Osmanthus fragrans</i>	AFK66771.1
Agastache	<i>Pogostemon cablin</i>	AHJ90431.1
Persimmon	<i>Diospyros kaki</i>	ACM44688.1
Kiwifruit	<i>Actinidia deliciosa</i>	ACO53104.1
Watermelon	<i>Citrullus lanatus</i>	AGT57744.1
Pumpkin	<i>Cucurbita moschata</i>	AEK86564.1
Papaya	<i>Carica papaya</i>	ABG72805.1
Arabidopsis	<i>Arabidopsis thaliana</i>	AED92401.1
Narcissus	<i>Narcissus tazetta</i>	ABI98829.1
Lilium brownii	<i>Lilium lancifolium</i>	ADW08475.1
Alfalfa	<i>Medicago sativa</i>	AIT98180.1
Carrot	<i>Daucus carota</i>	Q9SSU8.1
Strawberry	<i>Fragaria × ananassa</i>	AC R 61392.1
Apple	<i>Malus domestica</i>	AKU36798.1
Rice	<i>Oryza sativa Indica</i>	AAS18307.1
Maize	<i>Zea mays</i>	AAX13806.1
Sorghum	<i>Sorghum bicolor</i>	AAW28996.1
Haematococcus	<i>Haematococcus lacustris</i>	AAY53806.1