

**Supplementary Table 1.** List of papeda relative and yuzu accessions used in this study

Common name/accession number	Scientific name	Group	Institute	Comment
Unknown	Unknown	Papeda relative	Citrus Research Institute, Jeju, Korea	
Sudachi	<i>Citrus sudachi</i>	Papeda relative		
Inchang-kyul	<i>Citrus wilsonii</i>	Papeda relative		
Kabosu	<i>Citrus sphaerocarpa</i>	Papeda relative		
Oitakobosu	<i>Citrus sphaerocarpa</i>	Papeda relative		
Kizu	<i>Citrus sudachi</i>	Papeda relative		
Sankyul	<i>Citrus sudachi</i>	Papeda relative	Jeju Agricultural Research and Extension Service, Jeju, Korea	
Jabara	<i>Citrus jabara</i>	Papeda relative		
Nagato-Yuzukichi	<i>Citrus nagato-yuzukichi</i>	Papeda relative		
Tadanishiki	<i>Citrus junos</i>	Yuzu		
Sibori	<i>Citrus junos</i>	Yuzu		
Yamane	<i>Citrus junos</i>	Yuzu		
Zairai	<i>Citrus junos</i>	Yuzu		
Harim12	<i>Citrus junos</i>	Yuzu	Jeollanamdo Agricultural Research and Extension Service, Wando-gun, Korea	
Dajungeum	<i>Citrus junos</i>	Yuzu		
RU1	<i>Citrus junos</i>	Yuzu		
RU11	<i>Citrus junos</i>	Yuzu		
RU22	<i>Citrus junos</i>	Yuzu		Ichang papeda-like citrus
RU23	<i>Citrus junos</i>	Yuzu		
KH33	<i>Citrus junos</i>	Yuzu		
KH34	<i>Citrus junos</i>	Yuzu		
KT54	<i>Citrus junos</i>	Yuzu		
KT55	<i>Citrus junos</i>	Yuzu		
KT56	<i>Citrus junos</i>	Yuzu		
LM66	<i>Citrus junos</i>	Yuzu		
LM67	<i>Citrus junos</i>	Yuzu		
LM77	<i>Citrus junos</i>	Yuzu	Goheung province in Korea	
KD87	<i>Citrus junos</i>	Yuzu		
KD98	<i>Citrus junos</i>	Yuzu		
KD106	<i>Citrus junos</i>	Yuzu		
KJ107	<i>Citrus junos</i>	Yuzu		
KJ117	<i>Citrus junos</i>	Yuzu		
LJ119	<i>Citrus junos</i>	Yuzu		
LJ130	<i>Citrus junos</i>	Yuzu		
HR143	<i>Citrus junos</i>	Yuzu		
HR132	<i>Citrus junos</i>	Yuzu		
LJ131	<i>Citrus junos</i>	Yuzu		