

Supplementary table 2. The GenBank accession of carotenoid cleavage dioxygenases sequences from other species

Species	CCD1s (CCD2s)	CCD4s	CCD7s (CCD8s)
<i>Arabidopsis thaliana</i>	NP_191911.1	/	AEC10494.2 (AEE86121.1)
<i>Vitis vinifera</i>	AGT63320.1	AGT63322.1	/
<i>Triticum aestivum</i>	QEX50882.1	QEX50885.1	AZK65264.1
<i>Nicotiana tomentosiformis</i>	AHH25652.1	XP_009623499.1	/
<i>Zea mays</i>	AAZ22348.1	PWZ28009.1	ONM15226.1 (PWZ31381.1)
<i>Crocus sativus</i>	UHY14103.1 (UHY14104.1)	/	AIF27228.1
<i>Crocus angustifolius</i>	(ALM23546.1)	/	/
<i>Crocus chrysanthus</i>	(ALM23545.1)	/	/
<i>Rosa rugosa</i>	AKT74334.1	AKT74335.1	/
<i>Osmanthus fragrans</i>	AXQ60417.1	ABY60887.1	/
<i>Lycium chinense</i>	AIY62758.1	AIY62809.1	/
<i>Helianthus annuus</i>	XP_022018126.2	CTP93722.1	/
<i>Nicotiana tabacum</i>	/	/	AFU10970.1
<i>Solanum lycopersicum</i>	/	/	NP_001234433.1 (AEH96363.1)