

Table 1 Basic information of PDCT gene family members in tested 9 plant species

Species	Gene	Gene locus	Accession number	Chrome	Starting point	Ending point	Gene length (bp)
<i>Arachis hypogaea</i>	<i>AhPDCT1</i>	LOC112731416	XM_025780857	Chrom02	1033677	1035241	1565
<i>Brassica napus</i>	<i>AhPDCT2</i>	LOC112709786	XM_025761757	Chrom09	1213630	1215987	2358
	<i>AhPDCT3</i>	LOC112775887	XM_025819783	Chrom19	1553651	1555665	2015
<i>Glycine max</i>	<i>BnPDCT1</i>	LOC106439422	XM_013880863	ChromA3	25986445	25989201	2757
	<i>BnPDCT2</i>	LOC106404645	XM_013845347	ChromA5	26976798	26979150	2353
	<i>BnPDCT3</i>	LOC106399461	XM_013839946	ChromC5	36716346	36718659	2314
	<i>BnPDCT4</i>	LOC106406541	XM_013847231	ChromC5	17487755	17496629	8875
	<i>GmPDCT1</i>	LOC100775686	XM_003528267	Chrom07	2380709	2382657	1949
<i>Gossypium</i>	<i>GmPDCT2</i>	LOC100790665	XM_003531670	Chrom08	17187643	17190146	2504
<i>hirsutum</i>	<i>GhPDCT1</i>	LOC107906462	XM_016833457	Chrom19	61265562	61267597	2036
<i>Helianthus annuus</i>	<i>GhPDCT2</i>	LOC107906463	XM_016833458	Chrom19	61268836	61270393	1558
	<i>GhPDCT3</i>	LOC107937381	XM_016870252	Scaffold1852.1	85439	87900	2462
	<i>GhPDCT4</i>	LOC107937381	XM_016870253	Scaffold1852.1	85439	88477	3039
	<i>HaPDCT1</i>	LOC110927280	XM_022170941	Chrom02	176500432	176506642	6211
<i>Sesamum indicum</i>	<i>HaPDCT2</i>	LOC110915673	XM_022160404	Chrom16	10384900	10388902	4003
	<i>SiPDCT</i>	LOC105158376	XM_011075120	Chrom03	14323919	14326719	2801
<i>Nelumbo nucifera</i>	<i>NnPDCT1</i>	LOC104592473	XM_010251858	Scaffold00007	7976880	7978239	1360
<i>Oryza sativa</i>	<i>NnPDCT2</i>	LOC104586112	XM_010243243	Scaffold00153	151983	153373	1391
<i>Japonica Group</i>	<i>OsPDCT</i>	Os06g0607100	NM_001064564	Chrom06	25016353	25019393	3041
<i>Zea mays</i>	<i>ZmPDCT</i>	LOC100278435	NM_001366023	Chrom09	94503705	94505536	1832