

Table 1 The characteristics of known COPT associated with copper transport in plant

Species	Gene	Express parts	Induced expression	Subcellular localization	Reference
<i>Arabidopsis thaliana</i>	<i>AtCOPT1</i>	Most tissues, roots, pollen, reproductive tissue	High copper down	Plasma membrane	Amparo et al., 2018 Senovilla et al., 2018
	<i>AtCOPT2</i>	Most tissues	High copper down	Plasma membrane	Amparo et al., 2018 Senovilla et al., 2018 Garcia-Molina et al., 2013
	<i>AtCOPT3</i>	Reproductive tissue	-	Chamber of secretory pathway	Amparo et al., 2018
	<i>AtCOPT5</i>	Most tissues, roots, reproductive tissues, pollen, and nuts	-	Vacuole	Amparo et al., 2018 Garcia-Molina et al., 2013
	<i>AtCOPT6</i>	Reproductive tissue, xylem and phloem vascular tissue	High copper up	Plasma membrane	Klaumann et al., 2011 Amparo et al., 2018; Garcia-Molina et al., 2013 Jung et al., 2012
	<i>Brassica napus</i>	<i>BnCOPT2</i>	Roots	Up in copper deficient roots	-
<i>MtCOPT1</i>		Roots	-	Plasma membrane	Senovilla et al., 2018
<i>Medicago truncatula</i>	<i>MtCOPT3</i>	Nodules	-	-	Senovilla et al., 2018
	<i>MtCOPT4/5</i>	Roots	-	-	Senovilla et al., 2018
	<i>MtCOPT8</i>	Roots, xylem and phloem vascular tissue	-	-	Senovilla et al., 2018
<i>Triticum aestivum</i>	<i>TaCT1</i>	Xylem and phloem vascular tissue, roots, spikelets	High copper down	Golgi apparatus	Li et al., 2013
<i>Vitis vinifera</i>	<i>VvCTr1</i>	Xylem and phloem vascular tissue, leaf, roots	Deficient copper up	Tonoplast	Leng et al., 2015
	<i>VvCTr2/8</i>	-	High copper up	-	Martins et al., 2014