Table 3 The characteristics of known YSL associated with copper transport in plant

Species	Gene	Express parts	Induced expression	Subcellular localization	Reference
Arabidopisis thaliana	*AtYSL1*	Most tissues, roots	High copper down	Plasma membrane	Waters et al., 2006 Chu et al., 2010
	AtYSL2	Most tissues, roots, stems	High copper down	Plasma membrane, periphery of vessel parenchyma cell	Didonato et al., 2004 Garcia-Molina et al., 2013
	AtYSL3	Young leaves, stems, roots	High copper down	Plasma membrane	Waters et al., 2006 Chu et al., 2010 Amparo et al., 2018
Oryza sativa	*OsYSL16*	Roots, stems, phloem and vascular tissue of leaves	Up in copper deficient stems	Plasma membrane	Zheng et al., 2012
Arachis hypogaea	*AhYSL3.1*	Roots, stems, young leaves, and old leaf	High copper up; up in copper deficient roots	Plasma membrane	Dai et al., 2018
	AhYSL 3.2	Roots, stems, young leaves, old leaf, lateral root, taproot	Up in copper deficient roots	—	Dai et al., 2018
Hordeum vulgare	*HvYSL2*	Stems, young leaves, root endoderm	Up in copper deficient leaf	—	Araki et al., 2011