Table S6 Summary of TCP proteins in ornamental plants

Family	Species	Number of TCP genes	References
Ginkgoaceae	*Ginkgo biloba*	13	Yu et al., 2022
Hypoxidaceae	*Hypoxis decumbens*	15	Madrigal et al., 2017
Orchidaceae	*Cattleya trianae*	18	Madrigal et al., 2017
	Dendrobium chrysotoxum	14	Li et al., 2023; Huang et al., 2023
	Dendrobium officinale	24	Li et al., 2023
	Dendrobium nobile	23	Li et al., 2023; Wei et al., 2024
	Erycina pusilla	15	Tang et al., 2024
	Phalaenopsis equestris	23	Lin et al., 2016
Poaceae	*Dactylis glomerata*	22	Wang et al., 2023
	Panicum virgatum	41	Zheng et al., 2019
	Phyllostachys edulis	16	Liu et al., 2018
Rosaceae	*Prunus mume*	19	Zhou et al., 2016
	Prunus mira	19	Zhang et al., 2024
	Prunus amygdalus	19	Zhang et al., 2024
	Prunus fruticosa	19	Zhang et al., 2024
	Rosa chinensis	16;18	Hou et al., 2022; Cheng et al., 2023
Melastomataceae	*Melastoma candidum*	35	Li et al., 2022
Amaranthaceae	*Amaranthus hypochondriacus*	16	Wei et al., 2023
Convolvulaceae	*Ipomoea nil*	28	Wei et al., 2023
Solanaceae	*Petunia axillaris*	66;28	Zhang et al., 2020； Wei et al., 2023
Apocynaceae	*Catharanthus roseus*	15	Hao et al., 2023
Lentibulariaceae	*Utricularia gibba*	44	Wei et al., 2023
Oleaceae	*Osmanthus fragrans*	39	Zheng et al., 2023
Asteraceae	*Chrysanthemum lavandulifolium*	39	Wu et al., 2023a
	Helianthus annus	34	Wu et al., 2023b
	Taraxacum officinale	33	Wei et al., 2023
	Cynara cardunculus	33	Wei et al., 2023
	Carthamus tinctorius	33	Wei et al., 2023
Phrymaceae	*Mimulus guttatus*	26	Wei et al., 2023
Caprifoliaceae	*Lonicera japonica*	20	Wei et al., 2023

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