

Supplementary table 8. Annotation information of candidate gene based on *Chrysanthemum nankingense* genome

Traits	Gene ID	Annotation
AC/CC	CHR00001758-RA	transcription factor SRM1-like isoform X1 [Helianthus annuus]
	CHR00001761-RA	GEM-like protein 7 [Lactuca sativa]
	CHR00001760-RA	F-box/LRR-repeat protein 4 [Lactuca sativa]
	CHR00001759-RA	transmembrane protein 53 [Helianthus annuus]
	CHR00001762-RA	putative GEM-like protein 8 [Helianthus annuus]
	CHR00001763-RA	GEM-like protein 6 [Helianthus annuus]
	CHR00001764-RA	putative GEM-like protein 8 [Helianthus annuus]
	CHR00004084-RA	RNA-binding protein 28 isoform X1 [Lactuca sativa]
	CHR00004688-RA	putative protein of unknown function DUF872, transmembrane [Helianthus annuus]
	CHR00056977-RA	receptor-like protein kinase FERONIA [Helianthus annuus]
	CHR00030768-RA	two pore calcium channel protein 1B [Lactuca sativa]
	CHR00076483-RA	armadillo repeat-containing protein 6 [Helianthus annuus]
CC	CHR00004084-RA	RNA-binding protein 28 isoform X1 [Lactuca sativa]
	CHR00004688-RA	putative protein of unknown function DUF872, transmembrane [Helianthus annuus]
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	CHR00001759-RA	transmembrane protein 53 [Helianthus annuus]
	CHR00001758-RA	transcription factor SRM1-like isoform X1 [Helianthus annuus]
	CHR00001764-RA	putative GEM-like protein 8 [Helianthus annuus]
	CHR00001763-RA	GEM-like protein 6 [Helianthus annuus]
	CHR00025567-RA	putative UPF0481 protein At3g02645 [Lactuca sativa]
	CHR00047881-RA	phosphopantothenate--cysteine ligase 2-like isoform X5 [Helianthus annuus]
	CHR00056977-RA	receptor-like protein kinase FERONIA [Helianthus annuus]
	CHR00063059-RA	condensin-2 complex subunit D3 [Lactuca sativa]
	CHR00057942-RA	phosphatidate phosphatase PAH2-like isoform X1 [Helianthus annuus]
	CHR00093479-RA	uncharacterized protein LOC111883556 [Lactuca sativa]
	CHR00076483-RA	armadillo repeat-containing protein 6 [Helianthus annuus]