

Sequences included in this study

Taxon	Sequences	Assembly information or GenBank Accession Number
Asteraceae		
Asteroideae		
Heliantheae		
<i>Helianthus exilis</i>	FDS1, FDS1b, CDS	EE643694+EE646893+EE647943+EE633807+EE644682+EE648258+EE648132, EE639621, EE633074+EE638653
<i>Helianthus annua</i>	FDS1, CDS	JX424564, JX424565
Anthemideae		
<i>Achillea asiatica</i>	FDS1, FDS2, CDS	JX424551, JX424552, JX424553
<i>Chrysanthemum lav</i>	FDS1, FDS2, CDS	JX424554, JX424555, JX424556
<i>Artemisia tridentate</i>	FDS1, FDS2, CDS	AY308477, AY308476, AY308478
<i>Pyrethrum coccineum</i>	FDS1, FDS2, CDS	JX424559, JX424560, JX424561
<i>Pyrethrum cin</i>	CDS	I13995
<i>Leucanthemum vulgare</i>	FDS1, FDS2, CDS	JX424557, JX424558
Astereae		
<i>Aster ageratoides</i>	FDS1, CDS	JX424562, JX424563
Cichorioideae		
Cichorieae		
<i>Cichorium intybus</i>	FDS1, FDS2, FDS2a	EH694645+EH700642+DT212244, EH690889+DT211478, EH710308
<i>Lactuca saligna</i>	FDS1, FDS2	DW055927+DW069905+DW065409+DW061488+DW066168, DW044506
<i>Taraxacum officinale</i>	FDS1, FDS2	DY817407+DY825488+DY823614+DY823660+DY822452+DY822468+ DY842588+DY842976+ DY838800, DY826955
<i>Taraxacum mongolicum</i>	FDS1, FDS2	JX424566, JX424567
Carduoideae		
Cardueae		
<i>Centaurea solstitialis</i>	FDS1, FDS2	CNSM13746+CNSM9065+CNSM10077, EH785623+EH774553+EH780969
<i>Carthamus tinctorius</i>	FDS1	EL378519+EL396505+EL395715+EL396505+EL398647+ EL379091+EL510343
<i>Cynara scolymus</i>	FDS1	GE606813+GE601816+GE602983+GE602504+GE612594+GE604066+GE608099+GE593354+GE598785+GE596282
Mutisioideae		
Mutisieae		
<i>Gerbera anandria</i>	FDS1, FDSb	JX424569, JX424568
<i>Gerbera hybrida</i>	FDS25	AJ755145
Barnadesioideae		
<i>Barnadesia spinosa</i>	FDS1	GE542345+GE526692
Apiaceae		
<i>Centella asiatica</i>	FDS	AY787627
Solanoideae		
<i>Solanum lycopersicum</i>	FDS	AF048747
Solanoideae		
<i>Capsicum annuum</i>	FDS	X84695
Lamiaceae		
<i>Mentha x piperita</i>	FDS	AF384040
Gentianaceae		
<i>Gentiana lutea</i>	FDS	AB017371

Abbreviations: *Chrysanthemum lav*, *Chrysanthemum lavandulifolium*; *Pyrethrum cin*, *Pyrethrum cinerariaefolium*. Bold represents sequences cloned in this study.