

Leucanthemella serotina TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACYGAGTGT--TGATTGG-ATTAAGCGCTT--GTTTGAT-CCTCTCGACGCTTT
Cymbopappus adenosolen TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGTGT--CGATTGG-ACTAAGCACTAGTGTTTGAT-CCTCTCGACGCTTT
Pentzia monodiana TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGATTGG-ATTGAGCACTAGTGTTTGAT-CCTCTCGATGCTTT
Tanacetum canescens TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum chiliophyllum TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum huronense TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAAACAACCGAGCGT--CGATTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum vulgare TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum ferulaceum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATCAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum oshanahanii TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATCAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum ptarmiciflorum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum abrotanifolium TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum pinnatum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum pseudoachillea TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum coccineum TCGAACCCGTGCAAAGCANAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Daveaua anthemoides TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum punctatum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum macrophyllum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--TGATTGG-ATTAAGCTCTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum balsamita TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCGCTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum parthenium TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCGCTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum cinerariifolium TCGAACCCGTGCAAAGCATAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Tanacetum microphyllum TCGAACCCGTGCAAAGCA--CGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Cota tinctoria TCGAACCCGTGCAAAGCAGAASRACCS-GTGAA--CAKGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCAATCGATGCTTT
Cota triumfetti TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCAATCGATGCTTT
Anacyclus homogamos TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGGG-AT--GTTTGAT-CCCCTCGATGCTTT
Anacyclus maroccanus TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGGG-AT--GTTTGAT-CCCCTCGATGCTTT
Anacyclus pyrethrum TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGG-ATTAAGGA-AT--TTTTGAT-CCTCTCAATGCTCT
Anacyclus monanthos TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--TGAGTGG-ATTAAGGA-TT--TCTTGAT-CCCCTCGATGCTCT
Anacyclus clavatus TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--TGAGTGG-ATTAAGGA-TT--TCTTGAT-CCACTCGATGCTCT
Anacyclus valentinus TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGG-ATT-----TTTTGAT-CCACTCGATGCTCT
Achillea tenuifolia TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGGGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Achillea vermicularis TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGGGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
Lecoclytus formosus TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CTAGTGG-ATTAAGCACTC--GTTTGAT-CCTCTCGATGCTTT
Achillea filipendulina TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGG-ATTAAGCATAT--GTTTGAT-CCTCTCGATGCTTT
Achillea biebersteinii TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-AYTAAGCATGT--GTTTGAT-CCTCTCGATGCTTT
Anthemis maritime TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACAGAGCAT--YGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis pedunculata TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACAGAGCAT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis urvilleana TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACAGAGCAT--CGAGTGA-ATTAAGGA-AT--GTTTGAT-ACACTCGATGCTTC
Anthemis zaianica TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACAGAGCAT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis gharbensis TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACAGAGCAT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis peregrina TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis rigida TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACCGAGCGT--CTAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTC
Anthemis ammanthus TCGAACCCGTGCAAAGCAGAACGACCT-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTCT
Anthemis cotula TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACCGAGCGT--CGATTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTCT
Anthemis tigreensis TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACCGAGCGT--CGATTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTCT
Anthemis pseudocotula TCGAACCCGTGCAAAGCAGAACGACCC-GCGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTCT
Anthemis arvensis TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGA-ATTAAGGA-AT--GTTTGATTACTCGATGCTCT
Anthemis melampodina TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTT
Anthemis hyaline TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGAT-ACACTCGATGCTTT
Anthemis alpestris TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAA-GAAT-GAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGATTGCACTCGATGCTCT
Anthemis carpatica TCGAACCTGTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAA-CAATCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGATTGCACTCGATGCTCT
Anthemis plutonia TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGATTGCACTCGATGCTCT
Anthemis orbelica TCGAACCCGTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGATTGCACTCGATGCTCT

<i>Anthemis austroiranica</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ACCAAGGT-TT--GTTTGATTGCACTCGATGCTTT
<i>Anthemis gayana</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAA-CAACCGAGCGT--CGAGTGA-ACCAAGGT-TT--GTTTGATTGCACTCGATGCTTT
<i>Tripleurospermum caucasicum</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCTGAGCGTCGAGAGTGG-ACCAAGGA-AT--TTTTGAATACACTCGATGCTTT
<i>Tripleurospermum transcaucas</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCTGAGCGTCGAGAGTGG-ACCAAGGA-AT--TTTTGAATACACTCGATGCTTT
<i>Tripleurospermum sevanenese</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCTGAGCGTCGAGAGTGG-ACCAAGGA-AT--TTTTGAATACACTCGATGCTTT
<i>Tripleurospermum perforatum</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCTGAGCGTCGAGAGTGG-ACCAAGGA-AT--TTTTGAATACACTCGATGCTTT
<i>Nananthea perpusilla</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAAACCAAC-GAGCGTCGAGTGT--ATTAAGGA-AT--GTTTGA-TACACTCGATGCTTT
<i>Anthemis cretica</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAA-CAATCGAGCGT--CGAGTGA-ATTAAGGT-TT--GTTTGATTGCACTCGATGCTCT
<i>Anthemis odontostephana</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CGCGTAAAA-CAACCGAGCGT--CGAGTGG-AATGAGCACTT--GTTTGAT-CCCCTCGATGCTCT
<i>Anthemis chia</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CGCGTAAAA-CAACCAAGCGT--CGAGTGG-ATTAACACCT--GTTTGGT-CCTCTCGATGCTTT
<i>Cota rigescens</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
<i>Tanacetum corymbosum</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCACTT--GTTTGAT-CCTCTTGATGTTTT
<i>Gonospermum fruticosum</i>	TCGAACCCTGCAAAGCAGAATGACCC-GTGAANGCACGTAAAAACAACCTGAGCAT--CGAGTTG-ATTAAGCACTA--GTTTGAT-CCTCTTGATGCTTT
<i>Lugoa revoluta</i>	TCGAACCCTGCAAAGCAGAATGACCC-GTGAA--CACGTAAAAACAACCTGAGCAT--CGAGTTG-ATTAAGCACTT--GTTTGAT-CCTCTTGATGCTTT
<i>Anacyclus radiatus</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGATCAT--CGAGTGG-ATTAAGGATTT--TTCTGAT-CACCTCGATGCTCT
<i>Heliocauta atlantica</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACC-AGCGT--CGAGTGC-GTTAAGCACTT--GTTTGAT-CCTCTCGATGCTTT
<i>Achillea ptarmica</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CACGTAAAAACAACCGAGCGT--CGAGTGG-ATTAAGCTTTT--GTTTGGT-CCTCTCGATGCTTT
<i>Athanasia crithmifolia</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CATGTAAAAACAACCGAGTGT--CGGGTGG-ATCGGGCAGCT-TGCTTGAT-CCTCTCGATGCTCC
<i>Cotula coronopifolia</i>	TCGAACCCTGCAAAGCAGAACGACCT-GTGAA--CATGTAACAACA-TCTTGTGT--CGGGTGT-ATCGGGCATTG--GCTCGAG-CCATTCGACGCTTT
<i>Leptinella serotina</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CATGTAACAACA-GCTTGTGT--TGGGTGT-ATCGAGCATTT--GTTTCGAG-CCACCTGGTGCTTT
<i>Soliva stolonifera</i>	TCGAACCCTGCAAAGCAGAACGACCC-GTGAA--CTTGTAACAACA-ACGCGTGT--TGGGTGT-ATCGAGCATTT--GTTTCGAG-CCACTTGATGCTTT

	110	120	130	140	150	160	170	180	190	200										
<i>Inulanthera calva</i>	--GTC	-GATG	-TGCG	-TTTATC	-TGGAGTCC	TTTT	--GGAC	--CTG	-GTGGATG	TTTT	CATCGAC	--ATCATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Ursinia anthemoides</i>	--GCC	-GATG	-CGCG	-CCTGTC	-TCGTGTCT	TTCCGG	--GGACG	-CT	--GTGGAC	GTGTC	CATTGGC	--ATAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Lepidophora repandum</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTG	-GTC	TTTT	--GGGC	--TGT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Lonas annua</i>	--GTC	-GATG	-AGCA	-CTGAC	--TTGGG	TCCCTTT	--GGTC	--CCT	--TGTGAG	TGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA			
<i>Glebionis coronaria</i>	--GTC	-GATG	-TGCA	-TTAAC	--TCGAGT	CC	TTTT	--GGGC	--CTT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Ismelia carinata</i>	--GTC	-GATG	-TGCA	-TTAAC	--TCGAGT	CC	TTTT	--GGGC	--CTT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Argyranthemum foeniculaceum</i>	--GTC	-GATG	-TGCA	-TTTAC	--TCGAGT	CC	TTTT	--GGGC	--CTT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Heteranthemis viscidhirta</i>	-TGTC	-GATG	-TACA	-WTTAC	--TCGAGT	CC	TTTT	--GGGC	--CTT	-GCGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Nivellea nivellei</i>	--GTC	-GATG	-TGCA	-TTTAC	--TCGAGT	CC	TTTT	--GGGC	--CTT	-GTGACT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA		
<i>Aaronsohnia pubescens</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGAGT	CC	TCT	--GGGC	--CTT	-GTGAAT	GC	GTC	TCGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGC	-GTGCCAA	
<i>Endopappus macrocarpus</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGAGT	C	TTTT	--GGGT	--CAT	-GTGAGT	GTGTC	ATCGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Cladanthus arabicus</i>	--GTC	-GATG	-TGCA	-CTTAC	--TCGACT	CC	TTT	--GGC	--CTT	-GTGAGT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Santolina rosmarinifolia</i>	--GTC	-GATG	ATGCA	-TTTAC	--TTGAGT	CC	TTT	--GGC	--CTT	-GTGAGT	GTGTC	CGT	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Rhedinolepis lonadioides</i>	--GTT	-GATG	ATGCA	-TTTAC	--CTGACT	CC	TTTTA	--GGGC	--CTT	-GTGAGT	GC	GTC	CGT	TGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA
<i>Mecomisclus halimifolia</i>	--GTC	-GATG	ATGCA	-TTTAC	--TCGAGT	CC	TTTTA	--GGGC	--CTT	-GTGGT	GC	CGT	CATTGGC	--GCAATA	NNCAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Chamaemelum nobile</i>	--GTC	-GATG	-TGCA	-TTCAC	--TTGAGT	CC	TTT	--GGGT	--CAT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Leucanthemopsis alpina</i>	--GTC	-GATG	-CGCA	-TTCAC	--TTGAGT	CC	TTTT	--GGAC	--CAT	-TTGAGT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Prolongoa hispanica</i>	--GTC	-GATG	-TGCA	-TTCGG	--TTGAGT	CC	TTTT	--GGAC	--CAT	-TTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Hymenostemma pseudanthemis</i>	--GCC	-GATG	-TGCA	-TTCAC	--TTGAGT	CC	TTTT	--GGAC	--CAT	-TTGGAG	TAT	CGT	TGGC	--GTAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Castrilanthemum debeauxii</i>	--GTC	-GATG	-TGCA	-TTCTC	--TTGAGT	CC	TTTT	--GGAC	--CAT	-GTGAGT	GTGTC	ATCGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Rhodanthemum hosmariense</i>	--GTC	-GATG	-CGCA	-TTAAC	--TTGAGT	CC	TTTT	--GGGC	--CTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Leucanthemum vulgare</i>	--GTC	-GATG	-TGCA	-TTCAC	--TTGAGT	CC	TCT	--GGGC	--CTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Coleostephus myconis</i>	-TGTC	-GATG	-TGCA	-TTCAC	--TTGAGT	CC	TCT	--GGGC	--TTC	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Plagiushmaghrebinus</i>	CTGTC	-GATG	-CGCA	-TTCAC	--TTGAGT	CC	TCT	--GGGC	--CTT	-GCGAAT	GTGTC	CGT	CGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA	
<i>Mauranthemum gaetulum</i>	--GTC	-GATG	-CGCA	-TTCAC	--TTGAGT	CC	TCT	--GGTC	--CTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Chrysanthoglossum deserticola</i>	--GTC	-GATG	-TGCA	-TTCAC	--TTGAGT	CC	TCT	--GGGC	--TTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Glossopappus macrotus</i>	--GTC	-GATG	-TGCA	-TTCAC	--GTGAGT	CC	TATT	--GGGC	--TTT	-GTGAAT	GTGTC	TGTC	GGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Heteromera fuscata</i>	--GTC	-GATG	-CACA	-TTTAC	--TTGTGTC	TATT	--GGTC	--CTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Chlamydomphora tridentata</i>	--GTC	-GACG	-TGCA	-TTTGC	--TTGAGT	CC	TCT	--GGTC	--CTT	-GTGAAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Otospermum glabrum</i>	--GTC	-GATG	-TGCA	-TTCAC	--TCGAGT	CC	TAAG	--TGACG	--CTT	-GTGAAT	GTGTC	ATCGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Brocchia cinerea</i>	--GTC	-GATG	-TGCA	-TTTGC	--TTGTGTC	TCTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Otanthus maritimus</i>	--GTC	-GATG	-TGCA	-TTTGC	--TAGTGT	TCTTT	TATGGAC	--CTC	-GTGAAT	GTGTC	CATTGAC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Matricaria discoidea</i>	--GTC	-AATG	-TGCA	-TTTGC	--TTGTGTC	TCTTT	--GGAC	--CTG	-GTGAAT	GTGTC	CATTGGC	--GCAC	TAACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Phalacrocarpum oppositifolium</i>	--GTC	-GATG	-TGCA	-TTTAC	--TAGAGT	TTTTTT	--GGAC	--CTT	-GTGAGT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--AGCACA	ATGT	-GTGCCAA			
<i>Ajania pacifica</i>	--GTC	-GATG	-CGCA	-TTTAC	--TCGGGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAT	TAACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Arctanthemum arcticum</i>	--GTC	-GATG	-CGCA	-TTCAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAT	TAACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Chrysanthemum coreanum</i>	--GTC	-GATG	-CGCA	-TTCAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAT	TAACAAC	CCCC	--GGCACA	ACGT	-GTGCCAA		
<i>Artemisia vulgaris</i>	--GTC	-GACG	-CGCG	-TTCAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GC	CGT	TGGC	--GCAT	TAACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Nipponanthemum nipponicum</i>	--GTC	-GATG	-TGCA	-TTTAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Hippolytia dolichophylla</i>	--GTC	-GATG	-TGCA	-TTTAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Leucanthemella serotina</i>	--GTC	-GATG	-TGCA	-TTTAC	--ACGAGT	CC	TTTT	--TGAC	--CTT	-GTGGAT	GTGTC	CGT	CGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA	
<i>Cymbopappus adenosolen</i>	--GCC	-GATG	-TGCA	-TTCAC	--TCGAGT	CC	TTTT	--GGAC	--CTT	-GTGGAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA		
<i>Pentzia monodiana</i>	--GTC	-GATG	-CGCA	-TCCGC	--TCGTGT	TCTTT	--GGAC	--CTT	-GTGGAT	GTGTC	GTTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum canescens</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum chiliophyllum</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum huronense</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum vulgare</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum ferulaceum</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			
<i>Tanacetum oshanahanii</i>	--GTC	-GATG	-TGCA	-TTTAC	--TTGTGTC	TCTTT	--GGAC	--ATG	-GTGAAT	GTGTC	CATTGGC	--GCAATA	AACAAC	CCCC	--GGCACA	ATGT	-GTGCCAA			

Tanacetum ptarmiciflorum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--AGG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum abrotanifolium --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum pinnatum --GTC-GATG-AGCA-TTTAC--TTGTGTTCTTTT--AGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum pseudoachillea --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum coccineum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--AYG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Daveaua anthemoides --GTC-GATG-TGCA-TTTAC--TCGGCCTATATT--GGGA--CTT-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum punctatum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum macrophyllum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum balsamita --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum parthenium --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTAAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum cinerariifolium --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ACG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum microphyllum --GTC-GATG-CGCA-TTTAC--TTGTGTTCTTTT--GGAC--CCG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Cota tinctoria --GTC-GATG-CGCA-TTTAC--T-GTGTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Cota triumfetti --GTC-GATG-CGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCCATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus homogamos --GTC-GATT-CGCA-TTTAC--TTGTGTTCTTTT--TGAC--TTG-GTAAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus maroccanus --GTC-GATT-CGCA-TTTAC--TTTTGTTCTTTT--TGAC--TTG-GTAAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus pyrethrum --GTC-GATG-CGCA-TTTAC--TTTTGTTCTTTT--GGAC--TTG-GTAAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus monanthos --GTC-GATG-CGCA-TTTAC--TTGTGTTCTACG--GAGC--TCG-GTGGATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus clavatus --GTC-GATG-CGCA-TTTAC--TTGTGTTCTACG--GAGC--TTG-GTGGATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus valentinus --GTC-GATG-CCCA-TTTAC--TTGTGTTCTTTT--GGAC--TCG-GTGGATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Achillea tenuifolia --GTC-GATG-CGCA-TTTAC--TTGTGTTCTTTTATGGAC--CTC-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Achillea vermicularis --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTTATGGAC--ATC-GTAAATGTGTCATTGGC--GCAGTAACAACCCCC--GGCACAATGT-GTGCCAA
Lecocyclus formosus --GTC-GATG-TRCA-TTTAC--TTGTGTTCTTTTATGGAC--CTC-GTCAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Achillea filipendulina --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTTGGAC--CAG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Achillea biebersteinii --GTC-GATG-TGCA-TTTAC--TTGCGTTCTTATTTGGAC--STG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis maritima --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--TGAC--ATG-GTGAATGTTTCATAGGC--GGCAATAACCAACCCCC--GGCACAATGC-GTGCCAA
Anthemis pedunculata --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--TGAC--ATG-GTGAATGTTTCATAGGC--GGCAATAACCAACCCCC--GGCACAATGC-GTGCCAA
Anthemis urvilleana --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--TGAC--ATG-GTGAATGTTTCATAGGC--GGCAATAACCAACCCCC--GGCACAATGC-GTGCCAA
Anthemis zaianica --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--TGAC--ATG-GTGAATGTTACATAGGC--GGCA-TAACAAACCCCC--GGCACAATGCCGTGCCAA
Anthemis gharbensis --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--TGAC--ATG-GTGAATGTTACATAGGC--GGCA-TAACAAACCCCC--GGCACAATGC-GTGCCAA
Anthemis peregrina --GTT-GATGGCGCA-TTTAC--TTTTGTTCTTTT--GGAC--AGG-GTGAATGTTTCATTGGC--GACA-TAACAAACCCCC--GGCACAATGT-GTGCCAA
Anthemis rigida --GTT-GATGGCGCA-TTTAC--TTTTGTTCTTTT--GGAC--AGG-GTGAATGTTTCATTGGC--GACA-TAACAAACCCCC--GGCACAATGT-GTGCCAA
Anthemis ammanthus --GTC-TGATATGCA-TTTGC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACCAACCCCC--GGCACAATGC-GTGCCAA
Anthemis cotula --GTC-GATG-TGCA-TTTGC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis tigrensia --GTC-GATG-TGCA-TTTGC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis pseudocotula --GTC-GATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis arvensis --GTC-GATG-TGCA-TTCAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis melampodina --GTC-GATG-TGCA-TTTAC--TTATGTTCTTTT--GGAC--TTGGGTGAATGTATCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis hyaline --GTC-GATG-TGCA-TTGAC--CTTTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis alpestris --GTCCGATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis carpatica --GTCCGATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis plutonia --GTCCGATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis orbelica --GTCCGATG-CGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis austroiranica --G-CCGATG-TGCA-TTTGC--TTTTGTTCTTTT--GGTC--ACG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis gayana --G-CCGATG-TGCA-TTTGC--TTTTGTTCTTTT--GGTC--ACG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tripleurospermum caucasicum --GTC-GATG-TGCA-TTTAC--CTTTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tripleurospermum transcaucas --GTC-GATG-TGCA-TTTAC--CTTTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tripleurospermum sevanense --GTC-GATG-CGCA-TTTAC--CTTTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tripleurospermum perforatum --GTC-AATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Nananthea perpusilla --GTC-GATG-TGCG-TCTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCATCATTGGC--GCACTAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis cretica --GTCCGATG-TGCA-TTTAC--TTTTGTTCTTTT--GGAC--ATG-GTGAATGCGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anthemis odontostephana --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA

Anthemis chia --GCC-GATG-TGCA-TTTC--TTGTGTTCTTTT--GTAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Cota rigescens --GTC-GATG-CGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCGTTGAC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Tanacetum corymbosum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--ATG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Gonospermum fruticosum --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Lugoa revoluta --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTT--GGAC--TTG-GTGAATGTGTCATTGGC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Anacyclus radiatus --GTC-GATG-CGCA-TTTAC--TTTTGTTCTTTT--GGAC--TCG-GTGAATGTGTCATTGAC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Heliocauta atlantica --GTC-GATG-CGCA-TTTAC--TTGTGTTCTTTT--GGAC--CTT-GTGAATGTGTCATTGAC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Achillea ptarmica --GTC-GATG-TGCA-TTTAC--TTGTGTTCTTTTTTGGAC--CTC-GTGAATGTGTCATTGAC--GCAATAACAACCCCC--GGCACAATGT-GTGCCAA
Athanasia crithmifolia --GCC-GATG-TGCCATTTAC--TTGAGTTCCTCG--GGAC--CTT-GTGAGTGCGCCGTTGGC--ACAATAACAACCCCCGGCACAATGC-GTGCCAA
Cotula coronopifolia --GCC-GCTG-CGCA-TTCAT--TCG-GTCCTTCA--GGGCA-CTC-GTGGATGCTGCAAAGGC--ACAATAACAAACCCC--GGCACGGAAT-GTGCCAA
Leptinella serotina --GCC-GATG-CGCA-TTCAT--TTTTG-CCTTTT--CGGTA-CTC-GTGGATGTTGCAAAGGC--ACACTAACAAACCCC--GGCACGGAAT-GTGCCAA
Soliva stolonifera --GTC-AAAG-TGCA-TTCAC--TTG-GGCCTCTT--GGGCC-CTT-GTGGATGTCGCGGAGAC--ACAATAACAAACCCC--GGCACGGAAT-GTGCCAA

	210	220	230	240	250	260	270	280	290	300																	
<i>Inulanthera calva</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CCT	-GTT	C-CAT	GCA-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TGTA	AAAT	CGC	GTC	CGC-	CCC			
<i>Ursinia anthemoides</i>	GGAAAT	CTAAA	-CTTA	AGAAGG	-CCC	-GT	C-CAT	GTT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCGT	GGG-	-ATG	TGG	CGT	CTTT	TGTA	AAAT	CGC	GTC	CGC-	CCC		
<i>Lepidophora repandum</i>	GGAAAA	CAAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTC-	-GCC	CC-GTT	CG-CG	GTGTG	CGCGT	GGA-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Lonas annua</i>	GGAAA	CAAAA	ACTTA	AGAAGG	-CTT	-GTT	C-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	GCG	ACT	CTTT	TTTT	AAAT	CGC	GTC	CGC-	CCC			
<i>Glebionis coronaria</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	-TC	CGC-	CCC			
<i>Ismelia carinata</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	-TC	CGC-	CCC			
<i>Argyranthemum foeniculaceum</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	-TC	CGC-	CCC			
<i>Heteranthemis viscidhirta</i>	GGAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CGCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CG	-TC	CGC-	CCC		
<i>Nivellea nivellei</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Aaronsohnia pubescens</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCTC-GTT	CG-CG	GGT	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	AT	CGC-	CCC		
<i>Endopappus macrocarpus</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GT	CT-CAT	GTA-	-GT	CCC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CTC		
<i>Cladanthus arabicus</i>	GGAAA	ACTAAA	-GTA	AGATGG	-CTT	-GT	CT-CAT	GTA-	-GT	CCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Santolina rosmarinifolia</i>	GGAAA	ACTAAA	-CGT	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CGCTC	CAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Rhedinolepis lonadioides</i>	GGAAA	ACTAAA	-GTA	AGAAGG	-CTT	-CT	TT-CAT	GTT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Mecomischus halimifolia</i>	GGAAA	ACTAAA	-CGT	AGAAGG	-CTT	-AT	TT-CAT	GTT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Chamaemelum nobile</i>	GGAA	ACTAAA	-CGT	AGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Leucanthemopsis alpina</i>	GGAAA	ACTAAA	-CTT	GAGAATG	-CTC	-GTT	G-CAT	GAT-	-GG	CCC-GTT	CG-CG	TG	AGCTC	CAT	GTG-	-AC	G	CGG	CTT	CTTT	TAAT	CGC	GTC	CGC-	CCC		
<i>Prolongoa hispanica</i>	GGAAA	ACTAAA	-CTT	GAGAATG	-CTC	-GTT	G-CAT	GAT-	-GG	CCC-GTT	CG-CG	TG	CTC	CAT	GTG-	-AC	G	TGG	CTT	CTTT	TAAT	CGC	GTC	CGC-	CCC		
<i>Hymenostemma pseudanthemis</i>	GGAAA	ACTAAA	-CTT	TAGAATG	-CTT	-GTT	G-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCGT	GTG-	-AC	A	TGG	CTT	CTTT	TAAT	CGC	GTC	CGC-	CCC			
<i>Castrilanthemum debeauxii</i>	GGAAA	ACTAAA	-CTT	GAGAATG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCGT	GTG-	-AC	G	TGG	CTT	CTTT	TAAT	CGC	GTC	CGC-	CCC			
<i>Rhodanthemum hosmariense</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GT	CT-CAT	TTTT	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Leucanthemum vulgare</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GT	CT-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Coleostephus myconis</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GTT	T-CAT	GGT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Plagiis maghrebinus</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Mauranthemum gaetulum</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GT	CT-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CAC-	CCC			
<i>Chrysanthoglossum deserticola</i>	GGAAA	AATAAAA	-CTT	GAGAAGG	-CTT	TG	TCT-TAT	GTTTTG	CACC	-GTT	AG-CG	GTGTG	GATCAT	GGG-	-ATG	TGG	CTT	CTTT	TAAT	CGC	GTC	CGC-	CCC				
<i>Glossopappus macrotus</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GT	CT-TAT	GTTGTG	CACC	-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Heteromera fuscata</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CGCTC	CAT	GAG-	-AT	G	TGG	CTT	CTTT	TATA	AAAT	CAC	GTC	CGC-	CCC	
<i>Chlamydochloa tridentata</i>	GGAAA	ACTAAA	-CTT	TAGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGA-	-AT	A	TGG	TTT	CTTT	TATA	AAAT	CAC	GTC	CAC-	CCC		
<i>Otospermum glabrum</i>	GGAAA	CAAAA	-CTT	GAGAAGG	-CTT	-GTT	T-CAT	GTT-	-TG	CCCC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Brocchia cinerea</i>	GGAAA	ACAGAA	-CTT	GAGAAGG	-CTT	-GTT	C-CAT	GTT-	-GT	CCC-GTT	TTT	CG	GTGTG	CTCAT	GGG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	TCC	
<i>Otanthera maritimus</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTA	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGA-	-AT	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCT		
<i>Matricaria discoidea</i>	GGAAA	ACTAAA	-CTT	GAGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCT			
<i>Phalacrocarpum oppositifolium</i>	GGAAA	ACTAAA	-CTTA	AGAAGG	-CTT	-GTT	T-CAT	GTT-	--	CCTC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	T	G	G	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC	
<i>Ajania pacifica</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	-GTT	T-CAT	GAT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC	
<i>Arctanthemum arcticum</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	-GTT	T-CAT	GAT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC	
<i>Chrysanthemum coreanum</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	-GTT	T-CAT	GAT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Artemisia vulgaris</i>	GGAAA	ACTAAA	-CTC	TAGAAGG	-CTC	-GTT	TTT	CAT	GCT-	-GCC	CCCG	GTT	CG-CG	GTGTG	CTCAT	GGG-	-AC	G	CGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC
<i>Nipponanthemum nipponicum</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Hippolytia dolichophylla</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	--	TTT-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Leucanthemella serotina</i>	GGAAA	ACTAAA	-CTC	AAGAAGG	-CTC	-GTT	T-CAT	GAT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG-	-ATG	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC			
<i>Cymbopappus adenosolen</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTC	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCGT	GGG-	-AT	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Pentzia monodiana</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTC	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCGT	GGG-	-AT	G	CGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Tanacetum canescens</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTT	-GTT	T-TAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	G	CGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Tanacetum chiliophyllum</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTT	-GTT	T-CAT	GAT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	G	CGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Tanacetum huronense</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTT	-GTT	T-TAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Tanacetum vulgare</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTA	-GTT	T-TAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GAG-	-AC	G	TGG	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC		
<i>Tanacetum ferulaceum</i>	GGAAA	ACTAAA	-CTT	AAGAAGG	-CTT	-GTT	T-CAT	GTT-	-GCC	CC-GTT	CG-CG	GTGTG	CTCAT	GGG	ANG	CGT	G	G	CTT	CTTT	TATA	AAAT	CGC	GTC	CGC-	CCC	

Tanacetum oshanahanii GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--GCGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum ptarmiciflorum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum abrotanifolium GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum pinnatum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum pseudoachillea GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum coccineum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Daveaua anthemoides GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum punctatum GGAAAACTAAA-CTTAAGAAGG-C TT-GTCT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum macrophyllum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum balsamita GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum parthenium GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum cinerariifolium GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tanacetum microphyllum GGAAAACTAAA-CTTAAGAAGG-C TT-GTCT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Cota tinctoria GGAAAACTAAA-CTTAAGAAGG-C TT-GTCT-TATGAT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Cota triumfetta GGAAAACTAAA-CTTAAGAAGG-C TT-GTCT-TATGAT--GCCCC-GTTTCG-CGGTGTGCTCATAGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus homogamos GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus maroccanus GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus pyrethrum GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATTTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus monanthos GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus clavatus GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATCTGGCTTCTTTATAAAATCGCGTCG--CCC
Anacyclus valentinus GGAAAACTAAA-CTTGAGAATG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGG--ATCTGGCTTCTTTATAAAATCGCGTCG--CCC
Achillea tenuifolia GGAAAACTAAA-CTTGAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Achillea vermicularis GGAAAACTAAA-CTTGAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Lecocyclus formosus GGAAAACTAAA-CTTGAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAA--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Achillea filipendulina GGAAAACTAAA-CTTGAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGWCGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Achillea biebersteinii GGAAAACTAAA-CTTGAGAAGG-C TT-GTTT-CATGTT--GCCCC-GTTTCG-CGGYGYGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis madiculata GGAAAACTAAA-CATAAGAAGG-C TT-GTTT-TGTGTC--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis peruncolata GGAAAACTAAA-CATAAGAAGG-C TT-GTTT-TGTGTC--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis urvilleana GGAAAACTAAA-CATAAGAAGG-C TT-GTTT-TGTGTC--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis zaianica GGAAAACTAAA-CATAAGAAGG-C TT-GTCT-TGTGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis gharbensis GGAAAACTAAA-CATAAGAAGG-C TT-GTCT-TGTGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis peregrina GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TGTGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis rigida GGAAAACTATA-CTTAAGAAGG-C TT-GTTT-TGTGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis ammanthus GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCTCC-GTTTCG-CGGTTTGTCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis cotula GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis tigreensis GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ATGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis pseudocotula GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CTC
Anthemis arvensis GGAAAATATA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis melampodina GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TGTGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGCGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis hyaline GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--RCGTGGCTTCTTTCTAAATCGCGTCG--CCC
Anthemis alpestris GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGC-TCG--CCC
Anthemis carpatica GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTCTAAATCGCGTCG--CCC
Anthemis plutonia GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis orbilica GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis austroiranica GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Anthemis gayana GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCG--CCC
Tripleurospermum caucasicum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CTC
Tripleurospermum transcaucas GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCG--CTC
Tripleurospermum sevanense GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ACGTGGCTTCTTTATAAAATCGCGTCG--CTC
Tripleurospermum perforatum GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ACGTGGCTTCTTTATAAAATCGCATCG--CTC
Nananthea perpusilla GGAAAACTAAA-CTTGAGAAGG-T TT-GTTC-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGGA--ATGTGACTTCTTTATAAAATCGYTMGC--ACT
Anthemis cretica GGAAAACTAAA-CTTAAGAAGG-C TT-GTTT-TATGTT--GCCCC-GTTTCG-CGGTGTGCTCATGAG--ACGTGGCTTCTTTCTAAATCGCGTCG--CCC

<i>Anthemis odontostephana</i>	GGAAAACAAA-CTTAAGAAGG-CTT-ATTT-TTTGTT--GCCCC-GTTCG-CGGTGTGCTCATGAG--ATGTGGCTTCTTTATAAAATCGCGTCGC-CCC
<i>Anthemis chia</i>	GGAAAACAAA-CATAAGAAGG-CTT-GTTT-TATGAT--GCCCC-GTTCG-CGGTGAGCTCATGAG--ACGTGGCTTCTTTATAAAATCGCGTCGC-CCC
<i>Cota rigescens</i>	GGAAAACAAA-CTTAAGAAGG-CTT-GTCT-TATGAT--GCCCC-GTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCGC-CCC
<i>Tanacetum corymbosum</i>	GGAAAACAAA-CTTAAGAAGG-CTT-GTTT-CATGTT--GCCCC-GTTCG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCTC-CCC
<i>Gonospermum fruticosum</i>	GGAAAACAAA-CTTAAGAATG-CTT-GTTT-CATGTT--GCCCC-GTTTG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCGC-CCC
<i>Lugoa revoluta</i>	GGAAAACAAA-CTTAAGAATG-CTT-GTTT-CATGTT--GTCCC-GTTTG-CGGTGTGCTCATGGG--ACGTGGCTTCTTTATAAAATCGCGTCGC-CCT
<i>Anacyclus radiatus</i>	GGAAAACAAA-CTTGAGAATG-CTT-GTTT-CATGTT--GCCCC-GTTCG-CGGTGTGCTCATGGG--ATATGGCTTCTTTTAAATCGCGTCGC-ACC
<i>Heliocauta atlantica</i>	GGAAAACAAA-CTTGAGAAGG-CTT-GTTT-CATGTT--GCCCC-GTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGTCGC-MCC
<i>Achillea ptarmica</i>	GGAAAACAAA-CTTGAGAAGG-CTT-GTTT-CATGTT--GCCCC-GTTCG-CGGTGTGCTCATGGA--ATGTGGCTTCTTTATAAAATCGCGTCGC-CCC
<i>Athanasia crithmifolia</i>	GGAAAACAAA-CTTAAGAAGG-CTT-GTTT-CGTGTA--GCCCC-GTTCG-CGGTGTGCTCATGGG--ATGTGGCTTCTTTATAAAATCGCGAGGC-CTC
<i>Cotula coronopifolia</i>	GGAAAACAAA-CTTAAGAAGGCTC-ATCC-CATGCT--GCCCC-GTTCG-CGGTGTGCTCGCGGG--ATGTGGCTTCTTTGTAATCGCGTCGCCCC
<i>Leptinella serotina</i>	GGAAAACAAA-CTTAAGAAGGCTC-TTCC-CATGTT--GCCCC-GTTCG-CGGTGTGCTCATGGG--ATGTGGTTTCTTTGTAATCGCGTCGCCCC
<i>Soliva stolonifera</i>	GGAAAACAAA-CTTAAGAAGGCTG-TTCG-CATGTT--GCCCC-GTTCG-CGGTGTGCACATGTGA-ATCTGCTTTTTTTGTAATCGTGTGCCCC

	310	320	330	340	350	360	370	380	390	400
<i>Inulanthera calva</i>	CCGACTCTCCTCTCTAAGAGG	--ATTTGTTGTTTGGGGGCGG	-ATATT	---GG	-TCTCCCGTACTCACGGTG	-TGGTTGGCCAAAATT	-GGAGTCCC		
<i>Ursinia anthemoides</i>		CCGAATCCGCTCCTTTTAAAGG	--ATGCGATGCTGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTACGGCG	-TGGTTGGCCAAAATA	-GGAGTCCC		
<i>Lepidophora repandum</i>		CC-GC--AAATATA-TGT	-----GGGGGCGG	-ATATT	---GG	-TCTCCCGTATATTGTCG	-TGGTTGGCCAAAATA	-TGGTT-TC		
<i>Lonas annua</i>		CC-ACC--AAATCT-TGTT	-----GGGGGCGG	-ATATT	---GG	-TCTCCCGTGTATTGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Glebionis coronaria</i>		CC-GC--AAATCTA-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Ismelia carinata</i>		CC-GC--AAATCTA-TGC	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Argyranthemum foeniculaceum</i>		CC-GC--AAATCTA-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Heteranthemis viscidhirta</i>		C--TC--AAATCTA-TGT	-----TGGGGGCGG	-ATATT	---GG	-TYTCCCGTGATATTGTCG	-CGGTTGGCCAAAATACGTAGT-CC			
<i>Nivellea nivellei</i>		CC-AC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATAGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Aaronsohnia pubescens</i>		CC-GC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Endopappus macrocarpus</i>		CC-AC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-TC		
<i>Cladanthus arabicus</i>		CC-AC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Santolina rosmarinifolia</i>		CC-GC--AAATCTA-TGT	-----CGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Rhedinolepis lonadioides</i>		CC-TC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGACG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Mecomischus halimifolia</i>		CC-AC--AAATATT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-TC		
<i>Chamaemelum nobile</i>		CT-GC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTAATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Leucanthemopsis alpina</i>		CC-GC--AAAACCT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGGCG	-CGGTTGTCCAAAATA	-TGTTT-TC		
<i>Prolongoa hispanica</i>		CC-GC--AAAACCT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACTGGTG	-CGGTTGTCCAAAATA	-TGTTT-TC		
<i>Hymenostemma pseudanthemis</i>		CC-GC--AAAACCT-TGG	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGGCG	-CGGCTGTCCAAAATA	-TGTTT-TC		
<i>Castrilanthemum debeauxii</i>		CC-TC--AAATCTT-TGA	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGGCG	-CGGTTGGCCAAAATA	-GGAGC-CT		
<i>Rhodanthemum hosmariense</i>		CC-AT--AAATATT-TGT	-----AGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Leucanthemum vulgare</i>		CC-AC--AATTATT-TGTT	-----AGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Coleostephus myconis</i>		CC-AC--AAGTATT-TGT	-----CGAGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Plagiushmaghrebinus</i>		C--AC--AATTATT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Mauranthemum gaetulum</i>		TC-AC--AATTATT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-AGAGT-CC		
<i>Chrysanthoglossum deserticola</i>		CT-AC--AATTATT-TGT	-----TGGGG-CGG	-ATATT	---GG	-TCTCCCATGTCTCGTTGCG	-TGGTTGATCGAAATA	-AGAGT-TC		
<i>Glossopappus macrotus</i>		CC-AC--AATTATT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATCGCT	-CGGTTGGCCGAAATA	-AGAGT-CC		
<i>Heteromera fuscata</i>		TC-AC--AAATTTT-TGT	-----CGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATTGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Chlamydomphora tridentata</i>		CC-AC--AAATCAT-TGT	-----TAGGGGCGG	-ATATT	---GG	-TCTCTGTGTCTATCGTG	-TGGTTGGCCAAAATA	-TGAGT-CC		
<i>Otospermum glabrum</i>		C--AC--AAGTATT-TGT	-----CGGGG-CGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Brocchia cinerea</i>		TC-AC--AAATCTT-TGT	-----AGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Otanthus maritimus</i>		CA-AC--AAATCCA-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATTGTTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Matricaria discoidea</i>		CA-AC--AAA-CTA-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Phalacrocarpum oppositifolium</i>		CC-GC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-AGAGT-CC		
<i>Ajania pacifica</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Arctanthemum arcticum</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Chrysanthemum coreanum</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Artemisia vulgaris</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Nipponanthemum nipponicum</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Hippolytia dolichophylla</i>		CC-AC--AATTCTC-CGTAAAGGGAACATGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATG	-GGAGT-CC		
<i>Leucanthemella serotina</i>		CC-AC--AAATCTC-CGTAAAGGGAATTTGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGCG	-TGGTTGGCCGAAATA	-GGAGT-CC		
<i>Cymbopappus adenosolen</i>		CC-AC--ATTTCTC-TGTCAGGGA-CTTGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Pentzia monodiana</i>		CC-AC--ACTTCTC-TGTCAGGGA-CTTGTGTTT	TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTACGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Tanacetum canescens</i>		CCAAC--AAATCTT-TGT	-----TCGGG-CGG	-ATATT	---GG	-TCTCCCGTGTCTATG-TG	-TGGTTGGCCAAAATA	-NGAGT-CC		
<i>Tanacetum chiliophyllum</i>		CCAAC--AAATCTT-TGT	-----TCGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Tanacetum huronense</i>		CCAAC--AAATCTT-TGT	-----TCGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Tanacetum vulgare</i>		CCAAC--AAATCTT--GT	-----TCGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Tanacetum ferulaceum</i>		CCAAC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		
<i>Tanacetum oshanahanii</i>		CCAAC--AAATCTT-TGT	-----TGGGGGCGG	-ATATT	---GG	-TCTCCCGTGTCTATGGTG	-TGGTTGGCCAAAATA	-GGAGT-CC		

<i>Tanacetum ptarmiciflorum</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum abrotanifolium</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum pinnatum</i>	CCAAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTTATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum pseudoachillea</i>	CCAAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTTATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum coccineum</i>	CTAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Daveaua anthemoides</i>	CCCAC--AAATCTT-TGT-----MTTTGT---CGGGGCGG-ATATT---GG-TCTCCCGTGCGCAACGCG-CGGTTGGTCAAATA-TGAGT-CC
<i>Tanacetum punctatum</i>	CCAAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum macrophyllum</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGG-TGGTTGGCCAAAATA-AGGGT-TC
<i>Tanacetum balsamita</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATG-TG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum parthenium</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tanacetum cinerariifolium</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAACA-GGAGT-AC
<i>Tanacetum microphyllum</i>	CTAAC--AAATCTTATGT-----TGGGGGCGG-AGATTAATTGG-TCTCCCGTGCTCACGGTG-TGGTTGGCCAAAATAAGGAGT-CC
<i>Cota tinctoria</i>	CCAAC--AAATCTT-TGT-----TAGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
<i>Cota triumfetti</i>	CCAAC--AAATCTT-TGT-----TGGGGGCGGGATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
<i>Anacyclus homogamos</i>	CCAAC--AAATATT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anacyclus maroccanus</i>	CCAAC--AAATATT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anacyclus pyrethrum</i>	CCAAC--AAATATT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anacyclus monanthos</i>	CCAAC--AAATCTT-TGT-----TGGGAGCGG-ATATT---GGTCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anacyclus clavatus</i>	CCAAC--AAATCTT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anacyclus valentinus</i>	CCAAC--AAATGTT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Achillea tenuifolia</i>	CCAAC--AAATCTC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Achillea vermicularis</i>	CCAAC--AAATCTC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGTCC
<i>Lecocyclus formosus</i>	CCAAC--AAATATT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Achillea filipendulina</i>	CCAAC--AAATATC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Achillea biebersteinii</i>	CCAAC--AAATATC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis maritime</i>	C-AAC--AAATTAC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis pedunculata</i>	C-AAC--AAATTAC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis urvilleana</i>	C-AAC--AAATTAC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCCCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis zaianica</i>	C-AAC--AAAATAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis gharbensis</i>	C-AAC--AAAATAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis peregrina</i>	C-AAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis rigida</i>	C-AAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis ammanthus</i>	C-AGC--AAACCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis cotula</i>	C-AAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis tigrensensis</i>	--AAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GC-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CT
<i>Anthemis pseudocotula</i>	C-AAC--AAATCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis arvensis</i>	C-TAC--AAATCAT-TGT-----TTGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis melampodina</i>	C-AAC--AAATCTT-TGT-----CGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-TC
<i>Anthemis hyaline</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCAAGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis alpestris</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis carpatica</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis plutonia</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis orbelica</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis austroiranica</i>	CTAAC--AATTCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Anthemis gayana</i>	CTAAC--AATTCAT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
<i>Tripleurospermum caucasicum</i>	C-AAC--AAATATA-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
<i>Tripleurospermum transcaucas</i>	C-AAC--AAATATA-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
<i>Tripleurospermum sevanense</i>	C-AAC--AAATATT-TGT-----TGTGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-ASAGT-CC
<i>Tripleurospermum perforatum</i>	C-AAC--AAATATT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
<i>Nananthea perpusilla</i>	C-AAC--AAATATT-TGT-----TGAGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-AGAGTCCC
<i>Anthemis cretica</i>	C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-NC
<i>Anthemis odontostephana</i>	C-AAC--AAA-CTT-TGT-----TGTGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-TC

Anthemis chia C-AAC--ATATCTT-TGT-----TGGGGGCGG-ATATT---GG-TGGCCCGTGCCCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
Cota rigescens C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-AGAGT-CC
Tanacetum corymbosum C-AAT--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
Gonospermum fruticosum T-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
Lugoa revoluta C-AAC--AAATCTT-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
Anacyclus radiatus C-AAC--AAATCTT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTTATTGCG-TGGTTGGCCAAAATA-GGAGT-CC
Heliocauta atlantica C-AAC--AAATCTT-TGT-----TGGGAGCGG-ATATT---GG-TCTCCCGTGCTCATGGCG-TGGTTGGCCAAAATA-GGAGT-CC
Achillea ptarmica C-AAC--AAATCTC-TGT-----TGGGGGCGG-ATATT---GG-TCTCCCGTGCTCATGGTG-TGGTTGGCCAAAATA-GGAGT-CC
Athanasia crithmifolia C-CCCCTATTCTT-TGTTTAGAGAACTGTGGTTGGGGGCGG-AAATT---GG-TCTCCCGTGCTCACGGCG-TGGTTGGCCAAAATA-GGAGTCCC
Cotula coronopifolia GCCTC--ACATCCCTTGTTAAGG---CACGTGATCCGGGAGCGG-AGATT---GG-ACTCCCGTGCTCATGGTG-CGGCTGTCCGAAAATA-AGAGTCCC
Leptinella serotina GCCTC--ACAATCACTGTTAAGG---TGTATGATTCCGGGAGCGG-AGATT---GG-ACTCCCGTGCTCATGGCT-CGGTTGTCTAAAATA-GGAGTCCC
Soliva stolonifera GCATC--ACAATCACCGTTAAGG---TGTGTGATTCCGGGAGCGG-AGATT---GG-ACTCCCGTGCTTA-GCTG-CGGTTGTCCAAAATA-GGAGTCCC

Tanacetum ptarmiciflorum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum abrotanifolium CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum pinnatum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum pseudoachillea CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum coccineum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-ACC
Daveaua anthemoides CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--TTGTGCCGATAGTCGC-AAGG-AAAC-GCTCTTTAAAAA-CCC
Tanacetum punctatum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum macrophyllum CTTCGATGGA-CGCACG-AAATGTGGTGTGTGTAATAAAACCCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum balsamita CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum parthenium CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum cinerariifolium CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCT---AGTCGC-AAGG-GAAAA-CTCTTCAAATAACCC
Tanacetum microphyllum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCTGTTTGTGCGC-AAGG-GAAAA-CTCTTCAAATA-CCC
Cota tinctoria CTTCGATGGA-CGCACG-AACTAGTGGTGGACGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Cota triumfetti CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Anacyclus homogamos CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGCGTT---AGTTGT-AAGG-AAAAG-CTCTTCAAATA-CCC
Anacyclus maroccanus CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGCGTT---AGTTGT-AAGG-AAAAG-CTCTTCAAATA-CCC
Anacyclus pyrethrum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGCGTT---AGTCGT-AAGG-AAAAG-CTCTTCAAATA-CCC
Anacyclus monanthos CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGCGTT---AGTTGT-AAGG-AAAA-CTCTTCAAATA-CCC
Anacyclus clavatus CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGT-AAGA-AAATA-CTCTTCAAATA-CCC
Anacyclus valentinus CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGCGTT---AGTCGT-AAGA-AAATA-CTCTTCAAATA-CCC
Achillea tenuifolia CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Achillea vermicularis CTTCGATGGA-CGCACA-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---ATTGCG-AAGG-ATAAA-CTCTTCAAATA-CCC
Lecocyclus formosus CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTC---AGTCGT-AAGG-AAAAA-CTCTTCAAATA-CCC
Achillea filipendulina CTTCGATGGA-CACACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Achillea biebersteinii CTTCGATGGA-CACACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAG-CTCTTCAAATA-CCC
Anthemis maritima CTTCGATGGA-CGCACG-AACTAGTGGTGGATCTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---TGTCGC-AAGG-ATAAA-CTCTTTGAATA-CCC
Anthemis pedunculata CTTCGATGGA-CGCACG-AACTAGTGGTGGATCTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-ATAAA-CTCTTTGAATA-CCC
Anthemis urvilleana CTTCGATGGA-CGCACG-AACTAGTGGTGGATCTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-ATAAA-CTCTTTGAATA-CCC
Anthemis zaianica CTTCGATGGA-CGCACG-AACTAGTGGTGGATCTAATAAA-CCTCGTTCCTTTGTT--CTGTGTC---ATTGCG-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis gharbensis CTTCGATGGA-CGCACG-AACTAGTGGTGGATCTAATAAA-CCTCGTTCCTTTGTT--CTGTGTC---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis peregrina CTTCGATGGA-CGCACG-AACTAGTGGTGGATTTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis rigida CTTCGATGGA-CGCACG-AACTAGTGGTGGATTTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTATGAATA-CCC
Anthemis ammanthus CTTCGATGGA-CACACG-AACTAGTGGTGGATGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis cotula CTTCGATGGA-CGCACG-AACTAGTGGTGGATGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTC---AGTCGC-AAGG-AAAAA-CTCTTTGAATACCC
Anthemis tigrensia CTTCGATGGA-CGCACG-AACTAGTGGTGGATGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCT---AGTCGC-AAGG-AAAAA-CTCTTTGAATACCC
Anthemis pseudocotula CTTCGATGGA-CGCACG-AACTAGTGGTGGATGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis arvensis CTTCGATGGA-CGCACG-AACTAGTGGTGGATGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AATAA-CTCTTTGAATA-ACC
Anthemis melampodina CTTCGATGGA-CGCACG-AACTAGTGGTGGATTTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTTGAATA-CCC
Anthemis hyaline CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCT-TGAAAA-CCC
Anthemis alpestris CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCT---AGTCGC-AAGG-AAAAG-CTCTTTCAATA-CCC
Anthemis carpatica CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCT---AGTCGC-AAGG-AAAAG-CTCTTTCAATA-CCC
Anthemis plutonia CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--MTTTTCT---AGTCGC-AAGG-AAAAG-CTCTTTCAATA-CCC
Anthemis orbelica CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAG-CTCTTTCAATA-CCC
Anthemis austroiranica CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--TTGTGTT---GGTCGC-AA---AAA---CTCTTT-AATAACCC
Anthemis gayana CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---GGTCGC-AAGG-AAAAA-CTCTTT-AATA-ACC
Tripleurospermum caucasicum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGT-CTTTGGT--CTGTGTT---AGTCGC-AAGG-AATAA-CTCTTTAA-TA-CCC
Tripleurospermum transcaucas CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AATAA-CTCTTTAAATA-CCC
Tripleurospermum sevanense CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTCTAAATA-CCC
Tripleurospermum perforatum CTTCGATGGA-CGCATG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--TTGTGTT---AGTCGT-AAGG-AAAAA-CTCTCTAAATA-CCC
Nananthea perpusilla TTTTGATGGA-CGCACG-AACTAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCTC-AAAG-ATAAA-CTCTTCAAATA-CCC
Anthemis cretica CTTCGATGGA-CGCACG-AACAAGTGGTGGTCGTAATAAA-CCTCGTTCCTTTGTT--CTGTGCT---AGTCGC-AAGG-AAAAG-CTCTTTCAATA-CCC
Anthemis odontostephana CTTCGATGGA-CGCACG-AACTAGTGGTGGTAAAGTAAAAA-CCTCGTTCCTTTGTT--CTGTGTT---AGTCGA-AAGG-AAAAA-CTCTTTGAATA-CCC

Anthemis chia CTTCGATGGA-TGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGT-AAGG-AAAAA-CTCTTTAAATA-CCC
Cota rigescens CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CTCTTCAAATA-CCC
Tanacetum corymbosum CTTCGATGGA-TGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGT-AAGG-AAAAA-CTCTTCAAATA-CCC
Gonospermum fruticosum CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CCCTTCAAATA-CCC
Lugoa revoluta CTTCGATGGA-CGCACA-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGC-AAGG-AAAAA-CCCTTTAAATA-CCC
Anacyclus radiatus CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGT-AAGA-AAATA-CTCTTCAAACA-CCC
Heliocauta atlantica CTTCGATGGA-CGCATG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---AGTCGT-AAGG-AAAAA-CTCTTCAAATA-CCC
Achillea ptarmica CTTCGATGGA-CGCACG-AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTT--CTGTGTT---GGTCGT-AAGG-AAAGA-CTCTTCAAATA-CCC
Athanasia crithmifolia CTTCGATGGA-CGCGC--AACTAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTTGTCNTGCGTCGTCAGTCGC-AAGG-AAGAA-CTCTTCAAGTA-CCC
Cotula coronopifolia CTTCGATGGA-CGCACG-A-TAAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTC--GTGCGTCGTAAGTCGC-GGGTGAGGTA-CTGTTCAAGAA-CCC
Leptinella serotina CTTTGATGGA-CGCACG-A-TAAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTC--GTGCGTTGTAAGTCAC-AAGGGA-GAA-CTCTTACGAA-CCC
Soliva stolonifera CTTCGATGGA-CGCACG-A-TAAGTGGTGGTCGTAAAAA-CCCTCGTTCCTTTGTC--GTGTGTTATAAGTCGC-AAGGGAAGAA-CTCTATACGAA-CCC

	510	520	530
		
<i>Inulanthera calva</i>	CAACGTGT	--TGTCTTT	-TGACGACACTTCGACC
<i>Ursinia anthemoides</i>	CAAT-CGT	--CGTCTATGG	-CGACGCTTCGACC
<i>Lepidophora repandum</i>	-AATGTGT	--TGTTTTA	-GGATGACGCTTCGACC
<i>Lonas annua</i>	CAGCGCAT	--CGTCTAA	-GGATGATGCTTCGACC
<i>Glebionis coronaria</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Ismelia carinata</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Argyranthemum foeniculaceum</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Heteranthemis viscidhirta</i>	CAACGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Nivellea nivellei</i>	TAATGTGT	--TGTCTAA	-GGATGACGCTTCGACC
<i>Aaronsohnia pubescens</i>	CAACGCAT	--TGTCTAA	-GGATGATGCTTCGACC
<i>Endopappus macrocarpus</i>	TAACGTGT	--TGTCTAA	-GGATGACGCTTCGACC
<i>Cladanthus arabicus</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Santolina rosmarinifolia</i>	CAACGTGT	--TGTCTTA	-TGATGACGCTTCGACC
<i>Rhedinolepis lonadioides</i>	CAACGTGT	--TGTCTTC	-GGATGACGCTTCGACC
<i>Mecomischnus halimifolia</i>	CAACGTGT	--TGTCTTT	-GGATGACGCTTCGACC
<i>Chamaemelum nobile</i>	CATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Leucanthemopsis alpina</i>	TAATGTGT	--TGTCTTT	-GGATGATGCTTCGACC
<i>Prolongoa hispanica</i>	TAATGTGT	--TGTCTTT	-GGATGACGCTTCGACC
<i>Hymenostemma pseudanthemis</i>	TAATGCGT	--TGTCTTC	-GGATGACGCTTCGACC
<i>Castrilanthemum debeauxii</i>	TAATGTGT	--TGTCTTC	-GGATGACGCTTCGACC
<i>Rhodanthemum hosmariense</i>	CAATGTGT	--TGTCTTA	-GGACGATGCTTCGACC
<i>Leucanthemum vulgare</i>	TAATGCGT	--TGTCTTA	-GGACGATGCTTCGACC
<i>Coleostephus myconis</i>	CAATGTGT	--TGTCTT	--GAACGACGCTTCGACC
<i>Plagiatus maghrebinus</i>	CAATGTGT	--TGTCTTA	-GTACGACG-TTCGACC
<i>Mauranthemum gaetulum</i>	CAATGTGT	--TGTCTTA	-GGACGACGCTTCGACC
<i>Chrysanthoglossum deserticola</i>	CAATGTGT	--TGTCTTA	-GGCTGATGCTTCGACC
<i>Glossopappus macrotus</i>	CAATGTGT	--TGTCTTA	-AGATGACTCTTCGACC
<i>Heteromera fuscata</i>	TA-CGTGT	--TGTCTTA	-GGACAATGCTTCGACC
<i>Chlamydotheca tridentata</i>	CAACGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Otospermum glabrum</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Brocchia cinerea</i>	TAATGCGT	--TGTCTTT	-GGATGATGCTTCGACC
<i>Otanthus maritimus</i>	CTATGTGT	--TGTCTTA	-AGATGATGCTTCGACC
<i>Matricaria discoidea</i>	-AATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Phalacrocarpum oppositifolium</i>	CAACGTGT	--TGTCTTA	-GGATGATGCTTCGACC
<i>Ajania pacifica</i>	CAATGTGT	--CGTCTCT	-TGACGACGCTTCGACC
<i>Arctanthemum arcticum</i>	CAATGTGT	--CGTCTCT	-TGACGACGCTTCGACC
<i>Chrysanthemum coreanum</i>	CAATGTGT	--CGTCTCT	-TGACGACGCTTCGACC
<i>Artemisia vulgaris</i>	CAACGTGT	--CGTCTCT	-TGACGACGCTTCGACC
<i>Nipponanthemum nipponicum</i>	CAATGTGT	--CGTCTTT	-TGACGACGCTTCGACC
<i>Hippolytia dolichophylla</i>	CAATGTGT	--CGTCTTT	--GACGACGCTTCGACC
<i>Leucanthemella serotina</i>	CAATGTGT	--CGTCTTTT	-TGACGACGCTTCGACC
<i>Cymbopappus adenosolen</i>	TAACGTGT	--TGTCTTT	-CGATGACGCTTCGACA
<i>Pentzia monodiana</i>	CAATGTGT	--CGTCTTT	-TGACGACGCTTCGACC
<i>Tanacetum canescens</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Tanacetum chiliophyllum</i>	CAATGTGT	--TGTCTTA	-GGATGACGCTTCGACC
<i>Tanacetum hurenense</i>	CAATGTGT	--TATCTTA	-GGATGACGCTTCGACC
<i>Tanacetum vulgare</i>	CAATGTGT	--TATCTTA	-GGATGACGCTTCGACC
<i>Tanacetum ferulaceum</i>	CAATGTGTTANGTCTTA	-GGATGACGCTTCGACC	
<i>Tanacetum oshanahanii</i>	CAATGTGTTANGTCTTA	-GGATGACGCTTCGACC	

<i>Tanacetum ptarmiciflorum</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Tanacetum abrotanifolium</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Tanacetum pinnatum</i>	CAATGTGT--TGTCTTA-GGATGAYGCTTCGACC
<i>Tanacetum pseudoachillea</i>	CAATGTGT--TGTCTTA-GGATGACGGGTCGACC
<i>Tanacetum coccineum</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Daveaua anthemoides</i>	CAATGTGT--TGTCTTA-CGATGATGCTTCGACC
<i>Tanacetum punctatum</i>	CAATGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Tanacetum macrophyllum</i>	TAATGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Tanacetum balsamita</i>	CAATGTGT--TGTCTTC-GGATGACGCTTCGACC
<i>Tanacetum parthenium</i>	TAATGTGT--TGTCTTC--GATGACGCTTCGACC
<i>Tanacetum cinerariifolium</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Tanacetum microphyllum</i>	TAACGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Cota tinctoria</i>	CAATGTGT--TGTCTTC-GGATGACGCTTCGACC
<i>Cota triumfetti</i>	AAATGTGT--TGTCTTC-GGATGACGCTTCGACC
<i>Anacyclus homogamos</i>	CAATGTGT--TGTCTTA-GGACGATGCTTCGACC
<i>Anacyclus maroccanus</i>	CAATGTGT--TGTCTTA-GGACGATG--TTCGACC
<i>Anacyclus pyrethrum</i>	CAATGTGT--TGTCTTA-GGATGATGCTTCGACC
<i>Anacyclus monanthos</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Anacyclus clavatus</i>	CAATGTGT--TGTCTTA-GGACGACGCTTCGACC
<i>Anacyclus valentinus</i>	CAATGTGT--TGTCTTA-GGACGACGAATCGACC
<i>Achillea tenuifolia</i>	CAATGCGT--CGTSTTA-GGATGACGCTTCGACC
<i>Achillea vermicularis</i>	CAATGCGT--CGTCTTA-GGATGGCGCTTCGACT
<i>Lecocyclus formosus</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Achillea filipendulina</i>	CAACGCGT--TGTCTTA-GGATGACGCTTCGACC
<i>Achillea biebersteinii</i>	CAACGCGT--TGTCTTA-GGATGACGCTTCGACC
<i>Anthemis maritime</i>	CAATGTGT--TGTCTTC-TGCTGACGCTTCGACC
<i>Anthemis pedunculata</i>	CAATGTGT--TGTCTTC-TGATGACGCTTCGACC
<i>Anthemis urvilleana</i>	CAATGTGT--TGTCTTA-TGATGACGCTTCGACC
<i>Anthemis zaianica</i>	CAATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis gharbensis</i>	CAATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis peregrina</i>	CAATGTGT--TGTCTTA-TGATGACGCTTCGACC
<i>Anthemis rigida</i>	CAATGTGT--TGTCTTA-TGATGACGCTTCGACC
<i>Anthemis ammanthus</i>	CAATGTGT--TGTCTTC-TGATGACGCTTCGACC
<i>Anthemis cotula</i>	CAATGTGT--TATCTTT-TGATGACGCTTCGACC
<i>Anthemis tigrensensis</i>	CAATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis pseudocotula</i>	CAATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis arvensis</i>	CAACGCGT--TGTCTTT-TGACGACGCTTCGACC
<i>Anthemis melampodina</i>	CAACGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis hyaline</i>	TAATGTGT--TGTCTTC-TGATGACGCTTCGACN
<i>Anthemis alpestris</i>	CAATGTGT--TGTCTTA-TGACGACGCTTCGACC
<i>Anthemis carpatica</i>	CAATGTGT--TGTCTTA-TGACGACGCTTCGACC
<i>Anthemis plutonia</i>	CAATGTGT--TGTCTTA-TGACGACGCTTCGACC
<i>Anthemis orbelica</i>	CAATGTGT--TGTCTTA-TGACGACGCTTCGACC
<i>Anthemis austroiranica</i>	-AATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Anthemis gayana</i>	CAATGTGT--TGTCTTT-TGATGACGCTTCGACC
<i>Tripleurospermum caucasicum</i>	CAATGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Tripleurospermum transcaucas</i>	CAATGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Tripleurospermum sevanense</i>	-AATGTGT--TGTCTTT-GGATGACGCTTCGACC
<i>Tripleurospermum perforatum</i>	-AATGTGT--TGTCTTT-GGATGATGCTTCGACC
<i>Nananthea perpusilla</i>	TGACGTGT--TGT-CTTCGGATGATGCTTCGACC
<i>Anthemis cretica</i>	CAATGTGT--TGTCTTA-TGACGACGCTTCGACC
<i>Anthemis odontostephana</i>	CAATGTGT--TGTCTTC-GGATGATGCTTCGACC

<i>Anthemis chia</i>	CAATGCGT--TGTCTTT-TGATGACGTTTCGACC
<i>Cota rigescens</i>	CAATGTGT--TGTCTTC-GGATGACGCTTCGACC
<i>Tanacetum corymbosum</i>	CAATGTGT--TGTC-AACGGATGACGCTTCGACC
<i>Gonospermum fruticosum</i>	CAATGTGT--TGTCTTAAGGATGACGCTTCGACC
<i>Lugoa revoluta</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Anacyclus radiatus</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Heliocauta atlantica</i>	CAACGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Achillea ptarmica</i>	CAATGTGT--TGTCTTA-GGATGACGCTTCGACC
<i>Athanasia crithmifolia</i>	CGATGTGT--CGTCTTC--GACGATGCTTGGATA
<i>Cotula coronopifolia</i>	-AACGCGT--TGTTTTTC-GGACGACGCTTCGACT
<i>Leptinella serotina</i>	TAATGTGT--CGTCTTT-GGACGATGCTTCGACC
<i>Soliva stolonifera</i>	CAATGTGT--TGTCTTT-AGACGATGCTTCGACC