

Appendix 1. Alignment of ncpGS DNA sequences of wild and cultivated members of the “*Oxalis tuberosa* alliance,” determined by either direct sequencing or molecular cloning.

Note: This alignment of 729 nucleotide sites and 23 gap characters includes all ncpGS sequences determined for this study, and is only slightly modified from Appendix 5.1 in Emshwiller (1999). The modifications in this version include: a different order of sequences, grouping into categories, more complete names, completion of the matrix to include all bases between the primers by addition of the last seven invariant bases before the final gap characters. All sequences are included here, whereas the alignment submitted to GenBank includes neither the contaminant sequences nor the probable PCR recombinant cloned sequences.

Emshwiller, E. 1999. Origins of Domestication and Polyploidy in the Andean Tuber Crop *Oxalis tuberosa* Molina (Oxalidaceae). Ph.D. dissertation, Cornell University, Ithaca, New York.

MATRIX
[10 20 30 40 50 60 70 80]
[.]

Direct sequences of wild Oxalis

Oxalis laxa_EE744
Oxalis pachyrrhiza_EE387
Oxalis megalorrhiza_EE773
Oxalis ortgiesii_OR11
Oxalis andina_EE315
Oxalis spiralis_EE249
Oxalis spiralis_EE187
Oxalis spiralis_EE184
Oxalis spiralis_EE244
Oxalis mollissima_EE359
Oxalis medicaginea_EE809
Oxalis lotoides_EE789
Oxalis subintegra_EE799
Oxalis unduavensis_EE351
Oxalis unduavensis_EE291
Oxalis oulophora_EE308
Oxalis longissima_EE64
Oxalis cfr_mellilotoides_EE190
Oxalis sp_C_EE592
Oxalis humbertii_EE604
Oxalis lucumayensis_EE485
Oxalis lucumayensis_EE871
Oxalis lucumayensisubiensis_EE289
Oxalis nubigena_EE345
Oxalis petrophila_EE933
Oxalis flagellata_EE331
Oxalis flagellata_EE246
Oxalis cfr_ptychoclada_EE916
Oxalis sp_A_EE504
Oxalis paucartambensis_EE548
Oxalis cuzcensis_EE532
Oxalis herrerae_EE913
Oxalis herrerae_EE560
Oxalis picchensis_EE500
Oxalis picchensis_EE531
Oxalis herrerae_HRR1
Oxalis peduncularis_PED1
Oxalis weberbaueri_EE746
Oxalis oblongiformis_EE797
Oxalis sp_V_EE807
Oxalis ptychoclada_tricho_EE600
Oxalis sp_B_EE850
Oxalis tabaconasensis_EE786
Oxalis peduncularis_pilosae_EE791

Cloned sequences of cultivated oca and wild tuber-bearing taxon of Bolivia

Oxalis tuberosa_MHG884_clone_15
'Oxalis tuberosa_35-04_clone_14'
'Oxalis tuberosa_35-04_clone_10'
'Oxalis tuberosa_35-04_clone_4'
'Oxalis tuberosa_35-04_clone_21'
'Oxalis tuberosa_35-04_clone_23'
Oxalis sp_EE259_clone_8
Oxalis sp_EE259_clone_3
Oxalis sp_EE259_clone_9
Oxalis sp_EE259_clone_10
Oxalis sp_EE259_clone_11
Oxalis sp_EE259_clone_2
Oxalis tuberosa_MHG913_clone_14
Oxalis tuberosa_MHG913_clone_8
'Oxalis tuberosa_35-04_clone_3'
'Oxalis tuberosa_35-04_clone_5'
Oxalis tuberosa_MHG913_clone_17
Oxalis tuberosa_MHG913_clone_28
'Oxalis tuberosa_35-04_clone_24'
Oxalis tuberosa_MHG884_clone_27
'Oxalis tuberosa_35-04_clone_1'
Oxalis sp_EE259_clone_7
'Oxalis tuberosa_35-04_clone_11'
'Oxalis tuberosa_35-04_clone_16'
Oxalis tuberosa_MHG913_clone_26
Oxalis tuberosa_MHG884_clone_4

Direct sequences excluded in some analyses due to missing data

Oxalis polyrrhiza_EE960
Oxalis staffordiana_EE512
Oxalis teneriensis_EE511

Probable PCR recombinant cloned sequences

'Oxalis tuberosa_35-04_clone_22'
Oxalis tuberosa_MHG913_clone_9
Oxalis tuberosa_MHG913_clone_16
Oxalis tuberosa_MHG913_clone_13
'Oxalis tuberosa_35-04_clone_9'
Oxalis tuberosa_MHG913_clone_32
Oxalis tuberosa_MHG884_clone_m2
'Oxalis tuberosa_35-04_clone_2'
'Oxalis tuberosa_35-04_clone_12'
Oxalis tuberosa_MHG884_clone_33
Oxalis sp_EE259_clone_1

Probable contaminant cloned sequences

Oxalis tuberosa_MHG884_clone_12
Oxalis tuberosa_MHG913_clone_31
Oxalis tuberosa_MHG884_clone_39
Oxalis tuberosa_MHG884_clone_m4
Oxalis tuberosa_MHG884_clone_20
Oxalis tuberosa_MHG884_clone_m6
Oxalis tuberosa_MHG884_clone_m9
Oxalis tuberosa_MHG884_clone_25

[90 100 110 120 130 140 150 160]
[.]

Direct sequences of wild Oxalis

Oxalis laxa_EE744
Oxalis pachyrrhiza_EE387
Oxalis megalorrhiza_EE773
Oxalis ortgiesii_ORT1
Oxalis andina_EE315
Oxalis spiralis_EE249
Oxalis spiralis_EE187
Oxalis spiralis_EE184
Oxalis spiralis_EE244
Oxalis mollissima_EE359
Oxalis medicaginea_EE809
Oxalis lotoides_EE789
Oxalis subintegra_EE799
Oxalis unduavensis_EE351
Oxalis unduavensis_EE291
Oxalis oulophora_EE308
Oxalis longissima_EE64
Oxalis_cfr_mellitoides_EE190
Oxalis_sp_C_EE592
Oxalis_humbertii_EE604
Oxalis_lucumayensis_EE485
Oxalis_lucumayensis_EE871
Oxalis_lucumayensissubiensis_EE289
Oxalis_nubigena_EE345
Oxalis_petrophila_EE933
Oxalis_flagellata_EE331
Oxalis_flagellata_EE246
Oxalis_cfr_ptychoclada_EE916
Oxalis_sp_A_EE504
Oxalis_paucartambensis_EE548
Oxalis_cuzcensis_EE532
Oxalis_herrererae_EE913
Oxalis_herrererae_EE560
Oxalis_picchensis_EE500
Oxalis_picchensis_EE531
Oxalis_herrererae_HERR1
Oxalis_peduncularis_PED1
Oxalis_weberbaueri_EE746
Oxalis_oblongiformis_EE797
Oxalis_sp_V_EE807
Oxalis_ptychoclada_tricho_EE600
Oxalis_sp_B_EE850
Oxalis_tabaconasensis_EE786
Oxalis_peduncularis_pilosa_EE791

Cloned sequences of cultivated oca and wild tuber-bearing taxon of Bolivia

Oxalis_tuberosa_MHG884_clone_15
'Oxalis_tuberosa_35-04_clone_14'
'Oxalis_tuberosa_35-04_clone_10'
'Oxalis_tuberosa_35-04_clone_4'
'Oxalis_tuberosa_35-04_clone_21'
'Oxalis_tuberosa_35-04_clone_23'
Oxalis_sp_EE259_clone_8
Oxalis_sp_EE259_clone_3
Oxalis_sp_EE259_clone_9
Oxalis_sp_EE259_clone_10
Oxalis_sp_EE259_clone_11
Oxalis_sp_EE259_clone_2
Oxalis_tuberosa_MHG913_clone_14
Oxalis_tuberosa_MHG913_clone_8
'Oxalis_tuberosa_35-04_clone_3'
'Oxalis_tuberosa_35-04_clone_5'
Oxalis_tuberosa_MHG913_clone_17
Oxalis_tuberosa_MHG913_clone_28
'Oxalis_tuberosa_35-04_clone_24'
Oxalis_tuberosa_MHG884_clone_27
'Oxalis_tuberosa_35-04_clone_1'
Oxalis_sp_EE259_clone_7
'Oxalis_tuberosa_35-04_clone_11'
'Oxalis_tuberosa_35-04_clone_16'
Oxalis_tuberosa_MHG913_clone_26
Oxalis_tuberosa_MHG884_clone_4

Direct sequences excluded in some analyses due to missing data

Oxalis_polyrhiza_EE960
Oxalis_staffordiana_EE512
Oxalis_teneriensis_EE511

Probable PCR recombinant cloned sequences

'Oxalis_tuberosa_35-04_clone_22'
Oxalis_tuberosa_MHG913_clone_9
Oxalis_tuberosa_MHG913_clone_16
Oxalis_tuberosa_MHG913_clone_13
'Oxalis_tuberosa_35-04_clone_9'
Oxalis_tuberosa_MHG913_clone_32
Oxalis_tuberosa_MHG884_clone_m2
'Oxalis_tuberosa_35-04_clone_2'
'Oxalis_tuberosa_35-04_clone_12'
Oxalis_tuberosa_MHG884_clone_33
Oxalis_sp_EE259_clone_1

Probable contaminant cloned sequences

Oxalis_tuberosa_MHG884_clone_12
Oxalis_tuberosa_MHG913_clone_31
Oxalis_tuberosa_MHG884_clone_39
Oxalis_tuberosa_MHG884_clone_m4
Oxalis_tuberosa_MHG884_clone_20
Oxalis_tuberosa_MHG884_clone_m6
Oxalis_tuberosa_MHG884_clone_m9
Oxalis_tuberosa_MHG884_clone_25

	170	180	190	200	210	220	230	240]
[.]
[.]
Direct sequences of wild Oxalis								
Oxalis_laxa_EE744	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_pachyrrhiza_EE387	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_megalorrhiza_EE773	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_ortgiesii_ORT1	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_andina_EE315	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_spiralis_EE249	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_spiralis_EE187	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_spiralis_EE184	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_spiralis_EE244	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_mollissima_EE359	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_medicaginea_EE809	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_lotoides_EE789	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_subintegra_EE799	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_unduvavensis_EE351	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_unduvavensis_EE291	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_oulophora_EE308	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_longissima_EE64	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_cfr_mellitoides_EE190	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_C_EE592	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_humbertii_EE604	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_lucumayensis_EE485	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_lucumayensis_EE871	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_lucumayensissubiensis_EE289	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_nubigena_EE345	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_petrophila_EE933	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_flagellata_EE331	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_flagellata_EE246	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_cfr_ptychoclada_EE916	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_A_EE504	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_paucartambensis_EE548	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_cuzcensis_EE532	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_herrererae_EE913	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_herrererae_EE560	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_picchensis_EE500	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_picchensis_EE531	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_herrererae_HERR1	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_peduncularis_PED1	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_weberbaueri_EE746	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_oblongiformis_EE797	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_V_EE807	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_ptychoclada_tricho_EE600	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_B_EE850	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tabaconasensis_EE786	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_peduncularis_pilosa_EE791	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Cloned sequences of cultivated oca and wild tuber-bearing taxon of Bolivia								
Oxalis_tuberosa_MHG884_clone_15	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_14'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_10'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_4'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_21'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_23'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_8	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_3	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_9	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_10	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_11	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_2	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_14	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_8	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_3'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_5'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_17	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_28	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_24'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_27	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_1'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_7	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_11'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_16'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_26	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_4	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Direct sequences excluded in some analyses due to missing data								
Oxalis_polyrhiza_EE960	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_staffordiana_EE512	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_teneriensis_EE511	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Probable PCR recombinant cloned sequences								
'Oxalis_tuberosa_35-04_clone_22'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_9	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_16	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_13	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_9'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_32	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_m2	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_2'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
'Oxalis_tuberosa_35-04_clone_12'	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_33	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_sp_EE259_clone_1	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Probable contaminant cloned sequences								
Oxalis_tuberosa_MHG884_clone_12	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG913_clone_31	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_39	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_m4	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_20	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_m6	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_m9	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						
Oxalis_tuberosa_MHG884_clone_25	TCAAGTGGGTCCTAGCGTAGGCATTGAAGCTGGCGATCATATCTGGGCTTCAAGATACATTCTTGAGGTAAC	-----C						


```

[          330          340          350          360          370          380          390          400]
[
Direct sequences of wild Oxalis
Oxalis laxa EE744 -----GGA-AAATTCATGACTGAGTACA-----TAT-TTCTGATACWTGTTCTTCTCCYATTTTCG
Oxalis pachyrrhiza EE387 -----GGA-AAATTTGTATACTAAATACA-----AAAATTCCTATTTATGTTCTTCTCTTATCTCC
Oxalis megalorrhiza EE773 -----GGA-AAATTTGTATACTAAATACA-----AAAATTCCTATTTATGTTCTTCTCTTATCTCC
Oxalis ortgiesii OR11 -----CGT-AAA-----?GCTAAA?ACA-----TATATTCCTATTTAT?????CTCCCTTATTTTCG
Oxalis andina EE315 -----CGTAAAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis spiralis EE249 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis spiralis EE187 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis spiralis EE184 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis spiralis EE244 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis mollissima EE359 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis medicaginea EE809 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis lotoides EE789 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis subintegra EE799 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis unduavensis EE351 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis unduavensis EE291 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis oulophora EE308 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis longissima EE64 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis cfr mellilotoides EE190 -----C?T-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_C EE592 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis humbertii EE604 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis lucumayensis EE485 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis lucumayensis EE871 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis lucumayensis EE289 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis nubigena EE345 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis petrophila EE933 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis flagellata EE331 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis flagellata EE246 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis cfr ptychoclada EE916 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_A EE504 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis paucartambensis EE548 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis cuzcensis EE532 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis herrerae EE913 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis herrerae EE560 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis picchensis EE500 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis picchensis EE531 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis herrerae HRR1 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis peduncularis PED1 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis weberbaueri EE746 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis oblongiformis EE797 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_V EE807 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis ptychoclada tricho EE600 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_B EE850 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tabaconasensis EE786 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis peduncularis pilosa EE791 -----TGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Cloned sequences of cultivated oca and wild tuber-bearing taxon of Bolivia
Oxalis tuberosa MHG884 clone_15 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_14' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_10' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_4' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_21' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_23' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_8 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_3 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_9 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_10 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_11 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_2 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_14 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_8 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_3' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_5' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_17 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_28 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_24' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_27 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_1' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_7 -----CGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_11' -----CGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_16' -----CGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_26 -----TGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_4 -----TGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Direct sequences excluded in some analyses due to missing data
Oxalis polyrrhiza EE960 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis staffordiana EE512 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis teneriensis EE511 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Probable PCR recombinant cloned sequences
'Oxalis tuberosa 35-04 clone_22' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_9 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_16 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_13 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_9' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_32 -----TGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_m2 -----CGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_2' -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
'Oxalis tuberosa 35-04 clone_12' -----CGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_33 -----TGT-AAA-----AGCTAAATACATACGGAGTATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis sp_EE259 clone_1 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Probable contaminant cloned sequences
Oxalis tuberosa MHG884 clone_12 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG913 clone_31 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_39 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_m4 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_20 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_m6 -----CGT-AAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_m9 -----CAT-ATG-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG
Oxalis tuberosa MHG884 clone_25 -----CGTAAAA-----AGCTAAATACA-----TATATTCCTATTTATGTTCTTCTCCCTTATTTTCG

```


[730 740 750]
[. . .]

Direct sequences of wild Oxalis

[gap characters]
Oxalis laxa_EE744
Oxalis pachyrrhiza_EE387
Oxalis megalorrhiza_EE773
Oxalis ortgiesii_ORT1
Oxalis andina_EE315
Oxalis spiralis_EE249
Oxalis spiralis_EE187
Oxalis spiralis_EE184
Oxalis spiralis_EE244
Oxalis mollissima_EE359
Oxalis medicaginea_EE809
Oxalis lotoides_EE789
Oxalis subintegra_EE799
Oxalis unduavensis_EE351
Oxalis unduavensis_EE291
Oxalis oulophora_EE308
Oxalis longissima_EE64
Oxalis cfr mellilotoides_EE190
Oxalis sp_C_EE592
Oxalis humbertii_EE604
Oxalis lucumayensis_EE485
Oxalis lucumayensis_EE871
Oxalis lucumayensisubiensisEE289
Oxalis nubigena_EE345
Oxalis petrophila_EE933
Oxalis flagellata_EE331
Oxalis flagellata_EE246
Oxalis cfr ptychoclada_EE916
Oxalis sp_A_EE504
Oxalis paucartambensis_EE548
Oxalis cuzcensis_EE532
Oxalis herrerae_EE913
Oxalis herrerae_EE560
Oxalis picchensis_EE500
Oxalis picchensis_EE531
Oxalis herrerae_HRRR1
Oxalis peduncularis_PED1
Oxalis weberbaueri_EE746
Oxalis oblongiformis_EE797
Oxalis sp_V_EE807
Oxalis ptychoclada_tricho_EE600
Oxalis sp_B_EE850
Oxalis tabaconasensis_EE786
Oxalis peduncularis_pilosaeEE791

Cloned sequences of cultivated oca and wild tuber-bearing taxon of Bolivia

Oxalis tuberosa_MHG884_clone_15
'Oxalis tuberosa_35-04_clone_14'
'Oxalis tuberosa_35-04_clone_10'
'Oxalis tuberosa_35-04_clone_4'
'Oxalis tuberosa_35-04_clone_21'
'Oxalis tuberosa_35-04_clone_23'
Oxalis sp_EE259_clone_8
Oxalis sp_EE259_clone_3
Oxalis sp_EE259_clone_9
Oxalis sp_EE259_clone_10
Oxalis sp_EE259_clone_11
Oxalis sp_EE259_clone_2
Oxalis tuberosa_MHG913_clone_14
Oxalis tuberosa_MHG913_clone_8
'Oxalis tuberosa_35-04_clone_3'
'Oxalis tuberosa_35-04_clone_5'
Oxalis tuberosa_MHG913_clone_17
Oxalis tuberosa_MHG913_clone_28
'Oxalis tuberosa_35-04_clone_24'
Oxalis tuberosa_MHG884_clone_27
'Oxalis tuberosa_35-04_clone_1'
Oxalis sp_EE259_clone_7
'Oxalis tuberosa_35-04_clone_11'
'Oxalis tuberosa_35-04_clone_16'
Oxalis tuberosa_MHG913_clone_26
Oxalis tuberosa_MHG884_clone_4

Direct sequences excluded in some analyses due to missing data

Oxalis polyrhiza_EE960
Oxalis staffordiana_EE512
Oxalis teneriensis_EE511

Probable PCR recombinant cloned sequences

'Oxalis tuberosa_35-04_clone_22'
Oxalis tuberosa_MHG913_clone_9
Oxalis tuberosa_MHG913_clone_16
Oxalis tuberosa_MHG913_clone_13
'Oxalis tuberosa_35-04_clone_9'
Oxalis tuberosa_MHG913_clone_32
Oxalis tuberosa_MHG884_clone_m2
'Oxalis tuberosa_35-04_clone_2'
'Oxalis tuberosa_35-04_clone_12'
Oxalis tuberosa_MHG884_clone_33
Oxalis sp_EE259_clone_1

Probable contaminant cloned sequences

Oxalis tuberosa_MHG884_clone_12
Oxalis tuberosa_MHG913_clone_31
Oxalis tuberosa_MHG884_clone_39
Oxalis tuberosa_MHG884_clone_m4
Oxalis tuberosa_MHG884_clone_20
Oxalis tuberosa_MHG884_clone_m6
Oxalis tuberosa_MHG884_clone_m9
Oxalis tuberosa_MHG884_clone_25

; END;