Supplementary Material to "Cross-genera SSR transferability in cacti revealed by a case study using *Cereus* (Cereeae, Cactaceae)"

Table S1 - Characteristics of 20 microsatellite loci tested for transferability in *Cereus* species.

Source of Species Description	Locus	Repeat motif	Primer Sequence (5' – 3')	Reference	PCR Program	Annealing Temperature (°C)
Polaskia chichipe	*Pchi 21*	$(AG)_{10}(AAG)_2C(CA)_2$	F: CGTTTAGCCCCTCTTTCTCC R: GTTCCCAACTGACCGACAAC	Otero-Arnaiz *et al.*, 2004	Touchdown (Don *et al.*, 1991)	65°C
	Pchi 47	$(TC)_{10}$	F: GTCCTTGTGGCTAGCCCTTT R: CCATTTCTCTCGCCATCTG	Otero-Arnaiz *et al.*, 2004	Albert and Schmitz, 2002	53°C
	Pchi 54	$(AG)_4CG(AG)_{11}$	F: CCTTGAGCTTTGACATTGAGA R: GGAAGGTTTTCATTGGATGAG	Otero-Arnaiz *et al.*, 2004	Albert and Schmitz, 2002	52°C
Ariocarpus bravoanus	*mAbR 28*	$(CT)_5(AT)_3(GT)_8GA(GT)_5$	F: CCATAAGCTGTGGTGGGTCT R: ATTTTAAAGCTCCCCCTCCA	Hughes *et al.*, 2008	Albert and Schmitz, 2002	52°C
	mAbR 42	$(TG)_{15}$	F: GGGCAATTCACTATGCACAA R: TTGTCCCACCTTCCCTATTG	Hughes *et al.*, 2008	Albert and Schmitz, 2002	52°C
	mAbR 77	$(CA)_5CG(CA)_5TG(CA)_{22}(TA)_3$	F: CGGGGAAGGAATAATCCAAG R: ATGTGCCGTTTGCAATCTTT	Hughes *et al.*, 2008	Albert and Schmitz, 2002	52°C
Echinocactus grusonii	*mEgR 02*	$(AG)_7$	F: TGGGTTGGAGAAGTGGAAG R: CGGTGTGAGGCTTCATTTG	Hardesty *et al.*, 2008	Albert and Schmitz, 2002	52°C
	mEgR 76	$(AG)_{10}AC(AG)_2AC(AG)_7$	F: TCACAATTTGGAAGGAAGCA R: GTGAGCAAAGGGCTGATTTC	Hardesty *et al.*, 2008	Touchdown (Don *et al.*,, 1991)	65°C
	mEgR 78	$(AG)_{13}GAG(CA)_3$	F: AGCCCAAAGCCCAACTTATT R: TGCATGCAATCATAAGGTTTTC	Hardesty *et al.*, 2008	Albert and Schmitz, 2002	52°C
Pilosocereus machrisii	*Pmac82*	$(GAG)_5(GAA)_2(GAG)_2GAA(GAG)_2$	F: GTAAAAGAGGAGGATGGAGAGG R: CTTCTTCTTGCTAGGTTTCTCG	Perez *et al.*, 2011	Perez *et al.*, 2011	56°C
	Pmac84	$(AG)_9CG(AG)_2$	F: CATAAATTGCAGAAATGAGGAC R: AGGTAAACCGCTAACTCGATG	Perez *et al.*, 2011	Perez *et al.*, 2011	60°C
	Pmac85	$(AG)_6AC(AG)_3AC(AG)_4$	F: CCCCTCACTTCTCCAATCTC R: TCCCTCCTTCTTTTGTGTTC	Perez *et al.*, 2011	Perez *et al.*, 2011	58°C
	Pmac101	$(TC)_{15}TATG(TA)_3$	F: TGATAGCTGCAACGATGTC R: CATTTGTTTTGTTGTTTGCTTCAC	Perez *et al.*, 2011	Perez *et al.*, 2011	49°C
	Pmac102	$(AG)_9$	F: TCTATAAGTGCCGATGGATGC R: CACACCTCACTCCCAACCTC	Perez *et al.*, 2011	Perez *et al.*, 2011	59°C
	Pmac108	$(AG)_{14}(TG)_7$	F: TGAATGTCTGCCATTAGAAAGC R: TAATCGCCCCAAAGAAGAAC	Perez *et al.*, 2011	Perez *et al.*, 2011	50°C
	Pmac128	$(TC)_5TT(TC)_{10}(AC)_{10}$	F: GTGTTGATTGTACTCTTCAG R: CTAACCCTTTGTATACATGC	Perez *et al.*, 2011	Perez *et al.*, 2011	59°C
	Pmac130	$(AG)_7CA(AG)_{12}$	F: GAGGTGCCAATAAATCG R: TGTCACGCAATCTTGAACC	Perez *et al.*, 2011	Perez *et al.*, 2011	58°C
	Pmac135	$(TC)_5TG(TC)_{12}$	F: ACCAGAATGAGCTCAGCTGTAG R: CCTAGCTAGCAGAATCAGAGTGAAGAC	Perez *et al.*, 2011	Perez *et al.*, 2011	60°C
	Pmac146	$(AG)_{20}$	F: ACCCGACATCCCACTTGTAG R: TAGTCTGAAACGGAGCAAGG	Perez *et al.*, 2011	Perez *et al.*, 2011	54°C
	Pmac149	$(TC)_{19}$	F: TTCATCCTGCTTTTGAAGTTTG R: TGATGGATTAGGATTGACCTG	Perez *et al.*, 2011	Perez *et al.*, 2011	59°C