Erratum to: Cross-species amplification of microsatellites reveals incongruence in the molecular variation and taxonomic limits of the *Pilosocereus aurisetus* group (Cactaceae)

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The original article was published with typesetting errors in Table 2 and the first 13 lines of the table are deleted.

The suppressed lines encompass the source-information line and the data for the 11 analyzed microsatellite loci in both populations IBO (*P. aureispinus*) and AQU (*P. jauruensis*). Here, we present the correct Table 2 with complete data.

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Table 2 Optimal annealing temperatures (T_a), allele size ranges (Size), number of observed genotypes (n_G) and alleles (n_A), expected and observed heterozygosities (H_E/H_O), and estimated frequency of null alleles (p_n) for the 11 microsatellite loci tested for cross-amplification in species in the *P. aurisetus* group

Locus	T_a (°C)	Size (bp) <i>P. aureispinus</i> (IBO, $N = 24$)	n_G	n_A	H_E/H_O	p_n	Size (bp) <i>P. jauruensis</i> (AQU, $N = 33$)	n_G	n_A	H_E/H_O	p_n
<i>Pmac82</i>	56	90	24	1	0/0	0.00	90	33	1	0/0	0.00
<i>Pmac84</i>	52	80–84	24	3	0.32/0.37	0.00	80–86	33	4	0.50/0.21*	0.19
<i>Pmac85</i>	54	–	–	–	–	–	70–82	33	5	0.67/0.45*	0.12
<i>Pmac101</i>	–	–	–	–	–	–	–	–	–	–	–
<i>Pmac102</i>	60	96–104	24	3	0.12/0.04	0.00	96–102	33	4	0.53/0.51	0.00
<i>Pmac108</i>	52	107–131	21	9	0.76/0.42*	0.20	109–131	27	8	0.68/0.55	0.00
<i>Pmac128</i>	60	114–132	24	7	0.75/0.50*	0.13	122–126	33	3	0.56/0.51	0.00
<i>Pmac130</i>	54	111–127	24	9	0.80/0.71	0.00	129–135	33	4	0.49/0.57*	0.00
<i>Pmac135</i>	52	100–120	21	10	0.87/0.43*	0.22	100–114	20	5	0.67/0.35*	0.18
<i>Pmac146</i>	62	123–143	23	11	0.86/0.56*	0.13	125–141	32	8	0.75/0.34	0.17
<i>Pmac149</i>	62	124–134	24	4	0.58/0.62	0.00	140–148	33	5	0.74/0.54	0.10
<i>P. vilaboensis</i> (GOV, $N = 22$)						<i>P. vilaboensis</i> (PIR, $N = 27$)					
<i>Pmac82</i>	56	90	20	1	0/0	0.00	90	27	1	0/0	0.00
<i>Pmac84</i>	52	80–84	22	3	0.09/0.09	0.00	80–86	27	3	0.26/0.15	0.08
<i>Pmac85</i>	54	74–80	20	3	0.46/0.45	0.00	72–80	27	2	0.49/0.63	0.00
<i>Pmac101</i>	–	–	–	–	–	–	–	–	–	–	–
<i>Pmac102</i>	60	104–108	10	3	0.54/0.50	0.00	102–108	22	4	0.50/0.27*	0.14
<i>Pmac108</i>	52	111–123	19	5	0.64/0.73	0.00	109–121	20	7	0.65/0.35*	0.17
<i>Pmac128</i>	60	114–122	22	5	0.79/0.86	0.00	110	26	1	0/0	0.00
<i>Pmac130</i>	54	123–151	20	9	0.85/0.90	0.00	133–149	25	7	0.82/0.76	0.00
<i>Pmac135</i>	52	102–112	13	2	0.07/0.07	0.00	102–122	17	11	0.90/0.58*	0.15
<i>Pmac146</i>	62	127–143	11	5	0.78/0.27*	0.27	125–149	15	8	0.86/0.33*	0.27
<i>Pmac149</i>	62	136–138	20	2	0.50/0.40	0.00	144–160	27	5	0.56/0.66	0.00
<i>P. aurisetus</i> (JFE, $N = 20$)						<i>P. aurisetus</i> (MEN, $N = 20$)					
<i>Pmac82</i>	56	90–96	20	3	0.31/0.35	0.00	78–93	20	3	0.18/0.20	0.00
<i>Pmac84</i>	52	68–86	19	6	0.63/0.52	0.00	68–84	20	4	0.51/0.40	0.00
<i>Pmac85</i>	54	70–84	20	6	0.65/0.35*	0.17	70–86	20	8	0.76/0.50*	0.14
<i>Pmac101</i>	–	–	–	–	–	–	–	–	–	–	–
<i>Pmac102</i>	60	96–102	17	4	0.55/0.29*	0.16	96–106	19	6	0.79/0.68	0.00
<i>Pmac108</i>	52	107–135	20	10	0.82/0.90	0.00	107–129	20	11	0.86/0.90	0.00
<i>Pmac128</i>	60	116–122	20	4	0.50/0.60	0.00	120–124	20	3	0.30/0.35	0.00
<i>Pmac130</i>	54	121–141	20	10	0.83/0.90	0.00	113–127	19	7	0.74/0.89	0.00
<i>Pmac135</i>	52	102–124	20	9	0.86/0.45*	0.21	102–132	12	7	0.76/0.41*	0.18
<i>Pmac146</i>	62	119–153	20	13	0.83/0.55*	0.20	103–147	16	12	0.91/0.75*	0.00
<i>Pmac149</i>	62	140–158	20	7	0.68/0.75	0.00	140–152	20	7	0.82/0.85	0.00
<i>P. bohlei</i> ($N = 32$)						<i>P. parvus</i> ($N = 34$)					
<i>Pmac82</i>	56	90–93	31	2	0.03/0.03	0.00	90–99	34	3	0.42/0.47	0.00
<i>Pmac84</i>	50	70–74	32	3	0.15/0.09	0.04	76–82	33	3	0.27/0.21	0.00
<i>Pmac85</i>	50	nt	nt	nt	nt	nt	72–80	33	2	0.08/0.09	0.00
<i>Pmac101</i>	–	–	–	–	–	–	–	–	–	–	–
<i>Pmac102</i>	60	nt	nt	nt	nt	nt	100v106	32	4	0.68/0.59	0.00
<i>Pmac108</i>	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt	nt
<i>Pmac128</i>	60	112	31	1	0/0	0.00	110–124	33	5	0.54/0.24*	0.28

Table 2 continued

<i>P. bohlei</i> (<i>N</i> = 32)							<i>P. parvus</i> (<i>N</i> = 34)				
<i>Pmac130</i>	52	131–141	31	6	0.74/0.96*	0.00	119–135	30	6	0.67/0.20*	0.27
<i>Pmac135</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>
<i>Pmac146</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>
<i>Pmac149</i>	62	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	<i>nt</i>	142–150	33	4	0.63/0.60	0.24
<i>P. machrisii</i> (CRI, <i>N</i> = 25)							<i>P. machrisii</i> (BAR, <i>N</i> = 21)				
<i>Pmac82</i>	56	87–93	25	3	0.49/0.40	0.00	81–93	21	2	0.37/0.38	0.00
<i>Pmac84</i>	54	80–82	25	2	0.49/0.52	0.00	82–84	21	2	0.21/0.23	0.00
<i>Pmac85</i>	58	80	24	1	0/0	0.00	80	21	1	0/0	0.00
<i>Pmac101</i>	53	102–118	7	3	0.47/0.57	0.00	104–126	17	8	0.57/0.29*	0.16
<i>Pmac102</i>	66	102–108	25	3	0.08/0.08	0.00	102	21	1	0/0	0.00
<i>Pmac108</i>	52	109–117	25	5	0.51/0.64	0.00	135	20	1	0/0	0.00
<i>Pmac128</i>	60	110–124	24	5	0.65/0.33*	0.18	108–120	21	4	0.69/0.66	0.00
<i>Pmac130</i>	54	121–133	21	4	0.33/0.28	0.00	113–117	21	3	0.64/0.76	0.00
<i>Pmac135</i>	54	102–116	19	6	0.66/0.31*	0.20	102–106	14	2	0.13/0.14	0.00
<i>Pmac146</i>	64	121–155	17	11	0.93/0.35*	0.28	113–143	20	8	0.84/0.50*	0.17
<i>Pmac149</i>	62	144–154	25	5	0.63/0.56	0.00	142–144	21	2	0.31/0.19	0.00

The population codes (according to the text of the original article) and sample size are shown in parentheses. A hyphen indicates no amplification and *nt* indicates non-tested loci

* Significant departure from Hardy–Weinberg equilibrium after sequential Bonferroni correction