

**Table S7.** PCR conditions for a total volume of 10 µl reaction for the neutral microsatellites finally used in the study

Microsatellite Name	Repeat Unit	Size	PCR type	PCR Mix volumes (µl)											
				MgCl <sub>2</sub> (50mM)	ddH <sub>2</sub> O	Q solution (5x)	BSA (20mg/ml)	Buffer	Taq	Primer (10µM)	dNTPs (10mM)	Genomic DNA	Ta	cycles	Touch down
<b>EU334906 (EU_06)</b>	(GT)9	133–157	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	57	35	–
<b>EU334912 (EU_12)</b>	(AC)21	93–141	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	57	35	–
<b>EU334915 (EU_15)</b>	(GT)11	137–161	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	58	35	–
<b>EU334919 (EU_19)</b>	(CT)8	277–283	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	59	35	–
<b>EU334924 (EU_24)</b>	(AG)16	176–196	type it (2x)	–	1	1	–	–	5	1	–	1	52	35	–
<b>Rtempµ4</b>	(AC)16	106–142	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	62	35	–
<b>RCIDII</b>	(TA)9	173	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	44	35	–
<b>R1atCa17</b>	(CA)8(C)10	113	type it (2x)	–	1	1	–	–	5	1	–	1	52	35	–
<b>Rtempµ5</b>	(GT)15	117–157	type it (2x)	–	1	1	–	–	5	1	–	2	53	35	–
<b>RECALQ</b>	(GAT/C)42	208	Fermentas (5Units/ul)	1,35	7	–	–	1	0.05	0,2	0,2	1	48	35	53-48
<b>RtCa25</b>	(TA)7(CA)5AA(CA)13T(AC)6	137	Fermentas (5Units/ul)	1,35	7	–	–	1	0.05	0,2	0,2	1	57	35	62-57
<b>RtuP</b>	(TC)6	173	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	44	35	–
<b>RtCa18</b>	(CA)12(N <sup>+</sup> )13(G)13	111	Fermentas (5Units/ul)	1,35	7	–	–	1	0.05	0,2	0,2	1	60	35	–
<b>RtCa41</b>	(CA)1(TA)1(CA)7(CG)1(CA)2	154	type it (2x)	–	1	1	–	–	5	1	–	1	52	35	–
<b>RDD590</b>	(GAA)3(GAG)13	176	type it (2x)	–	1	1	–	–	5	1	–	1	54	35	–
<b>EU334911(EU_11)</b>	(AC)19	150-350	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	57	35	–
<b>WRA_160</b>	(AC)11	494	Dream taq (5Units/ul)	–	7	–	0.75	1	0.05	0.25	0.2	1	54	35	–
<b>RCO8640</b>	(C)15	170-174	type it (2x)	–	1	1	–	–	5	1	–	2	55	35	–