

**Table S1.** Detailed microsatellite markers. I: informative; NI: not informative.

Microsatellite markers	Allele Size (bp)				Comments
	Father	Mother	Proband 4	Proband 5	
D11S4197	250-260	252-260	250-252	250-252	I
D11S1887	257-265	262-262	257-262	257-262	I
D11S4950	132-132	132-132	132-132	132-132	NI
D11S1780	167-177	177-177	177-177	177-177	I
D11S1367	218-222	218-230	222-218	222-218	I
BV088065	177-185	177-181	177-181	177-181	I
D11S4175	172-184	144-180	172-144	172-144	I
D11S931	247-257	247-262	257-262	257-262	I
D11S1358	115-118	115-115	118-115	118-115	I