Appendix 1. Markers used in the known ADRP genotyping

Gene	Marker	Position	Fragment size	Labeled fluorescent color
PRPF3		chr1:148,560,552-148,592,328		
	D1S498	chr1:149,568,120-149,568,480	190-212	yellow
SEMA4A		chr1:154,390,000-154,414,159		
	D1S484	chr1:159,033,935-159,034,332	276-290	green
	D1S2878	chr1:163,669,990-163,670,290	152-178	yellow
SNRNP200		chr2:96,303,801-96,334,988		
	D2S2216	chr2:88,190,756-88,191,016	213-217	blue
RHO		chr3:130,730,172-130,736,877		
	D3S1267	chr3:124,525,893-124,526,078	98-136	yellow
	D3S1292	chr3:133,112,999-133,113,315	115-149	yellow
GUCA1B		chr6:42,259,000-42,270,672		
PRPH2		chr6:42,772,316-42,798,287		
	D6S1610	chr6:39,367,525-39,367,833	204-218	blue
KLHL7		chr7:23,112,877-23,181,563		
	D7S493	chr7:21,771,615-21,771,858	102-120	green
	D7S516	chr7:28,164,220-28,164,584	308-328	yellow
RP9		chr7:33,100,935-33,115,527		
	D7S484	chr7:35,251,431-35,251,571	213-217	blue
	D7S510	chr7:39,156,237-39,156,573	85-101	yellow
IMPDH1		chr7:127,819,567-127,837,272		
	D7S530	chr7:128,989,656-128,990,001	109-127	green
	D7S640	chr7:132,290,201-132,290,538	115-155	yellow
RP1		chr8:55,691,180-55,705,947		
	D8S285	chr8:57,229,611-57,229,936	317-333	yellow
TOPORS		chr9:32,530,542-32,542,601		
	D9S161	chr9:27,622,318-27,622,455	126-144	blue
	D9S1817	chr9:33,849,593-33,849,887	283-317	blue

	D9S171	chr9:24,524,209-24,524,427	164-188	yellow
BEST1		chr11:61,474,408-61,488,981		
ROM1		chr11:62,137,199-62,139,164		
	D11S987	chr11:67,649,911-67,650,025	100-138	blue
	D11S4191	chr11:59,756,135-59,756,421	94-124	green
NRL		chr14:23,619,156-23,654,063		
	D14S283	chr14:21,757,255-21,757,624	132-162	green
	D14S261	chr14:19,910,228-19,910,544	276-308	yellow
	D14S275	chr14:25,766,613-25,766,860	150-164	blue
PDH12		chr14:67,238,356-67,270,921		
	D14S258	chr14:69,652,605-69,652,944	198-218	blue
	D14S63	chr14:63,720,760-63,721,027	180-198	green
NR2E3		chr15:69,889,948-69,897,651		
	D15S131	chr15:68,970,830-68,971,163	244-284	green
	D15S153	chr15:64,346,917-64,347,255	244-278	yellow
CA4		chr17:55,582,084-55,591,688		
	D17S787	chr17:50,636,884-50,637,240	142-178	yellow
	D17S944	chr17:58,789,906-58,790,277	319-347	yellow
FSCN2		chr17:77,110,012-77,114,632		
	D17S784	chr17:75,416,716-75,417,019	233-247	yellow
	D17S928	chr17:77,846,128-77,846,429	74-108	green
	D17S785	chr17:71,942,895-71,943,176	169-197	yellow
PRPF8		chr17:1,500,673-1,534,926		
	D17S831	chr17:1,857,150-1,857,517	112-134	green
	D17S849	chr17:379,287-379,615	257-271	yellow
	D17S938	chr17:6,189,992-6,190,259	242-262	blue
CRX		chr19:53,016,911-53,038,398		
PRPF31		chr19:54,618,790-54,635,150		
	D19S571	chr19:53,296,937-53,297,329	290-322	yellow

	D19S180	chr19:53,749,637-53,750,043	148	green
	D19S927	chr19:54,298,295,54,298,510	120-154	blue
	D19S926	chr19:55,488,957-55,488,619	95-113	green
	D19S891	chr19:56,033,449-56,033,697	99-117	yellow
PRPF6		chr20:62,612,431-62,664,453		
	D20S171	chr20:57,807,889-57,808,291	123-149	blue
	D20S173	chr20:58,877,953-58,878,250	137-193	green