

Additional Table 1. Phenotypes and genotypes of 141 family members in the pedigree

Patient ID	Sex	Age (yr) at sample collection	Phenotype	Genotype (<i>PRKG1</i> c.-144 C>A)	Sequencing method
4001	F	67	Affected	CA	WES + Sanger Sequencing
4007	M	44	Affected	CA	Sanger Sequencing
4009	F	41	Affected	CA	Sanger Sequencing
4011	M	38	Normal	CC	Sanger Sequencing
4013	M	65	Affected	CA	WES + Sanger Sequencing
4015	F	60	Affected	CA	Sanger Sequencing
4017	M	56	Normal	CC	WES + Sanger Sequencing
4019	M	53	Normal	CC	Sanger Sequencing
4023	M	45	Normal	CC	Sanger Sequencing
4035	F	60	Affected	CA	Sanger Sequencing
4036	M	60	Normal	CC	Sanger Sequencing
4037	F	56	Normal	CC	Sanger Sequencing
4038	M	67	Normal	CC	Sanger Sequencing
4039	M	53	Normal	CC	Sanger Sequencing
4041	F	49	Normal	CC	Sanger Sequencing
4043	M	46	Normal	CC	Sanger Sequencing
4046	F	27	Normal	CC	Sanger Sequencing
4048	M	45	Affected	CA	Sanger Sequencing
4051	M	42	Normal	CC	Sanger Sequencing
4053	M	38	Normal	CC	Sanger Sequencing
4055	M	35	Normal	CC	Sanger Sequencing
4058	F	26	Normal	CC	Sanger Sequencing
5003	F	42	Affected	CA	Sanger Sequencing
5007	M	38	Normal	CC	Sanger Sequencing
5009	M	33	Affected	CA	Sanger Sequencing
5011	M	27	Normal	CC	Sanger Sequencing
5013	F	25	Affected	CA	Sanger Sequencing
5014	F	39	Normal	CC	Sanger Sequencing
5016	F	36	Normal	CC	Sanger Sequencing
5018	M	34	Normal	CC	Sanger Sequencing
5020	F	30	Normal	CC	Sanger Sequencing
5022	M	28	Normal	CC	Sanger Sequencing
5024	M	41	Affected	CA	WES + Sanger Sequencing
5026	F	38	Affected	CA	Sanger Sequencing
5027	M	39	Normal	CC	Sanger Sequencing
5028	F	36	Normal	CC	Sanger Sequencing
5032	M	30	Normal	CC	Sanger Sequencing
5034	M	24	Normal	CC	Sanger Sequencing
5039	M	17	Normal	CC	Sanger Sequencing
5040	M	14	Affected	CA	Sanger Sequencing

5041	F	12	Not sure	CC	Sanger Sequencing
5044	F	37	Normal	CC	Sanger Sequencing
5046	M	34	Affected	CA	Sanger Sequencing
5048	F	31	Affected	CA	Sanger Sequencing
5050	F	28	Affected	CA	Sanger Sequencing
5052	M	25	Normal	CC	Sanger Sequencing
5053	M	44	Normal	CC	Sanger Sequencing
5059	F	25	Normal	CC	Sanger Sequencing
5061	M	24	Affected	AA	WES + Sanger Sequencing
5062	M	35	Normal	CC	Sanger Sequencing
5064	F	34	Normal	CC	Sanger Sequencing
5066	M	32	Normal	CC	Sanger Sequencing
5070	M	24	Normal	CC	Sanger Sequencing
5072	M	21	Normal	CC	Sanger Sequencing
5073	F	32	Normal	CC	Sanger Sequencing
5075	F	27	Normal	CC	Sanger Sequencing
5077	M	26	Normal	CC	Sanger Sequencing
5080	M	23	Normal	CC	Sanger Sequencing
5081	M	16	Normal	CC	Sanger Sequencing
5102	F	38	Affected	CA	Sanger Sequencing
5104	F	37	Normal	CC	Sanger Sequencing
5106	F	35	Affected	CA	WES + Sanger Sequencing
5110	F	28	Normal	CC	WES + Sanger Sequencing
5112	F	25	Normal	CC	Sanger Sequencing
5114	M	23	Normal	CC	Sanger Sequencing
5115	F	21	Affected	CA	Sanger Sequencing
5116	M	39	Normal	CC	Sanger Sequencing
5118	M	37	Normal	CC	Sanger Sequencing
5120	M	34	Normal	CC	Sanger Sequencing
5122	M	32	Normal	CC	Sanger Sequencing
5124	F	30	Normal	CC	Sanger Sequencing
5126	F	25	Normal	CC	Sanger Sequencing
5128	F	24	Normal	CC	Sanger Sequencing
5131	F	25	Normal	CC	Sanger Sequencing
5132	F	25	Normal	CC	Sanger Sequencing
5134	M	14	Affected	CA	Sanger Sequencing
5135	F	12	Not sure	CC	Sanger Sequencing
5136	M	6	Not sure	CC	Sanger Sequencing
5140	M	23	Normal	CC	Sanger Sequencing
5142	M	12	Not sure	CC	Sanger Sequencing
5143	M	10	Not sure	CC	Sanger Sequencing
5144	M	14	Normal	CC	Sanger Sequencing
5145	F	10	Not sure	CC	Sanger Sequencing

5149	M	7	Not sure	CC	Sanger Sequencing
6001	M	24	Normal	CC	Sanger Sequencing
6003	M	23	Normal	CC	Sanger Sequencing
6005	F	17	Normal	CC	Sanger Sequencing
6006	M	14	Normal	CC	Sanger Sequencing
6007	M	11	Not sure	CC	Sanger Sequencing
6010	M	6	Not sure	CA	Sanger Sequencing
6011	M	9	Not sure	CC	Sanger Sequencing
6012	M	13	Normal	CC	Sanger Sequencing
6016	F	9	Not sure	CC	Sanger Sequencing
6018	F	9	Not sure	CC	Sanger Sequencing
6019	F	4	Not sure	CC	Sanger Sequencing
6020	M	19	Normal	CC	Sanger Sequencing
6021	F	14	Affected	CA	Sanger Sequencing
6022	M	9	Not sure	CA	Sanger Sequencing
6024	M	15	Normal	CC	Sanger Sequencing
6025	M	11	Not sure	CA	Sanger Sequencing
6026	F	9	Not sure	CA	Sanger Sequencing
6032	F	16	Normal	CC	Sanger Sequencing
6033	M	10	Not sure	CC	Sanger Sequencing
6034	M	9	Not sure	CA	Sanger Sequencing
6035	F	8	Not sure	CC	Sanger Sequencing
6039	F	9	Not sure	CC	Sanger Sequencing
6042	M	10	Not sure	CC	Sanger Sequencing
6044	F	11	Not sure	CC	Sanger Sequencing
6045	F	10	Not sure	CC	Sanger Sequencing
6046	M	7	Not sure	CC	Sanger Sequencing
6047	F	3	Not sure	CC	Sanger Sequencing
6048	F	11	Not sure	CC	Sanger Sequencing
6049	F	8	Not sure	CC	Sanger Sequencing
6050	M	7	Not sure	CC	Sanger Sequencing
6052	F	4	Not sure	CC	Sanger Sequencing
6056	F	12	Not sure	CC	Sanger Sequencing
6057	M	10	Not sure	CC	Sanger Sequencing
6067	F	20	Normal	CC	Sanger Sequencing
6068	F	13	Normal	CC	Sanger Sequencing
6069	M	12	Not sure	CC	Sanger Sequencing
6070	F	16	Normal	CC	Sanger Sequencing
6071	M	13	Normal	CC	Sanger Sequencing
6072	F	6	Not sure	CA	Sanger Sequencing
6073	M	13	Normal	CC	Sanger Sequencing
6074	M	9	Not sure	CC	Sanger Sequencing
6075	F	14	Affected	CA	Sanger Sequencing

6076	F	11	Not sure	CC	Sanger Sequencing
6077	F	10	Not sure	CC	Sanger Sequencing
6078	F	9	Not sure	CC	Sanger Sequencing
6079	M	7	Not sure	CC	Sanger Sequencing
6080	F	14	Normal	CC	Sanger Sequencing
6081	F	11	Not sure	CA	Sanger Sequencing
6082	F	10	Not sure	CC	Sanger Sequencing
6083	F	8	Not sure	CC	Sanger Sequencing
6088	M	11	Not sure	CC	Sanger Sequencing
6089	F	9	Not sure	CC	Sanger Sequencing
6090	M	10	Not sure	CC	Sanger Sequencing
6092	F	8	Not sure	CC	Sanger Sequencing
6096	F	9	Not sure	CC	Sanger Sequencing
6097	M	7	Not sure	CC	Sanger Sequencing
6098	F	3	Not sure	CC	Sanger Sequencing

Note: F=female, M=male.