

Supplementary Table 1. RPGR gRNAs.

Name	gRNA	long_0	long_1	long_2	short_0	SNP	SNP_count
MS184.RPGR.g93	CGAAGAAGAGAATGAAAGGCNNG	1	1	2	73	rs62636730:0.0163 rs111787313:0.0804	2
MS184.RPGR.g91	GAGGGGAAGTATCAGGAGACNNG	1	1	4	17	NA	0
MS184.RPGR.g95	GAATGAAAGGCAGGATGGAGNNG	1	1	7	159	rs62636730:0.0163	1
MS184.RPGR.g82	AGGGGAAGGAGAAGAAAACNNG	1	1	12	106	NA	0
MS184.RPGR.g84	AAACAGGAGGAACAGAGAAGNNG	1	1	13	129	NA	0
MS184.RPGR.g58	GAAGTGAAGGGGAGGTGGANGG	1	1	44	175	rs199896738:0.0387	1
MS184.RPGR.g92	CAGCGAAGAAGAGAATGAANGG	1	2	6	128	rs62636730:0.0163 rs111787313:0.0804	2
MS184.RPGR.g90	GGAAGAAGAGGGGAAGTATCNNG	1	2	8	19	NA	0
MS184.RPGR.g83	GGGAAGGAGAAGAAAACAGGNNG	1	2	16	107	NA	0
MS184.RPGR.g94	GAAGAGAATGAAAGGCAGGANGG	1	2	21	87	rs62636730:0.0163	1
MS184.RPGR.g59	AAGTGAAGGGGAGGTGGAANGG	1	2	38	148	rs199896738:0.0387	1
MS184.RPGR.g85	CAGGAGGAACAGAGAAGAGGNNG	1	3	40	150	NA	0
MS184.RPGR.g78	GGAGAAGAAAGGGAAAAGGANGG	1	4	90	248	NA	0
MS184.RPGR.g86	GAGGAACAGAGAAGAGGAGGNNG	1	5	38	438	NA	0
MS184.RPGR.g79	GAGAAGAAAGGGAAAAGGAGNNG	1	5	52	190	NA	0
MS184.RPGR.g60	AGTGAAGGGGAGGTGGAAGNNG	1	5	73	302	rs199896738:0.0387	1
MS184.RPGR.g65	TGGAAGGGGAGGAAGGAGAGNNG	1	5	82	417	rs201134185:0.032	1
MS184.RPGR.g74	GAGAGGAGGAAGGAGAAGAANGG	1	6	98	328	rs200211905:0.02	1
MS184.RPGR.g81	GAAAGGGAAAAGGAGGGGGANGG	1	7	99	176	NA	0
MS184.RPGR.g64	GTGGAAGGGGAGGAAGGAGANGG	1	7	142	552	rs201134185:0.032	1
MS184.RPGR.g76	GGAAGGAGAAGAAAGGGAAAANGG	1	8	106	333	NA	0

Precision Medicine: Genetic Repair of Retinitis Pigmentosa in Patient-Derived Stem Cells

Alexander G. Bassuk M.D, Ph.D., Andrew Zheng B.S., Yao Li M.D., Stephen H. Tsang M.D., Ph.D., Vinit B. Mahajan* M.D., Ph.D.