

Supplementary Table 3

Label	Spherical equivalent of surgical eye	Axial Length of surgical Eye (mm)	PGDS (ng/mL)	GPX3 (ng/mL)	Nrf-2 (pg/mL)	Label	Spherical equivalent of surgical eye	Axial length of surgical eye (mm)	PGDS (ng/mL)	GPX3 (ng/mL)	Nrf-2 (pg/mL)	Label	Spherical equivalent of surgical eye	Axial length of surgical eye (mm)	PGDS (ng/mL)	GPX3 (ng/mL)	Nrf-2 (pg/mL)
MH-PM Patient#15	-12	31.55	2133.692	3541.278	53.83722	MH-PM Patient#6	-12	27.61	2437.017			RRD Patient#13	-3	23.49	2424.514		
MH-PM Patient#19	-10	31.94	2261.483	290.5485	48.4679	MH-PM Patient#8	-10	28.37	3122.885			RRD Patient#14	-1.5	24.95	1987.517		
MH-PM Patient#22	-18	32.69	2126.091	2709.696	43.8177	MH-PM Patient#9	-12	27.48	2091.411	3768.073	43.8177	RRD Patient#15	-3.5	24.5	1969.397		
MH-PM Patient#1	-12	31.45	2391.768	2671.897	47.88021	MH-PM Patient#21	-21	28.1	2442.362			RRD Patient#4	0	23.66	1865.574	7056.601	53.23362
MH-PM Patient#7	-9	31.06	1783.216	3919.269	42.6738	MH-PM Patient#2	-9	27.41	1532.44			RRD Patient#19	0	23.83	2009.142	2520.7	47.58727
MH-PM Patient#10	-11	30.12	2043.311			ERM Patient#1	0	26.26	2438.453	3276.683	29.05199	RRD Patient#20	0	25.81	1819.576	2709.696	63.72406
MRS-PM Patient#22	-17.5	31.2	1617.539	1197.729	26.99765	MRS-PM Patient#2	-17	28.76	2545.687			ERM Patient#2	0	22.99	2365.972	3881.47	31.14271
MRS-PM Patient#8	-13	29.19	2389.987	3390.081	35.97399	MRS-PM Patient#19	-8	26.6	2780.842			ERM Patient#6	-5	23.51	2432.877		
MRS-PM Patient#13	-12	29.85	2255.307	4108.265	30.09288	MRS-PM Patient#21	-8.75	26.55	3491.65	5506.835	27.83622	ERM Patient#18	0	22.64	2644.745	4221.663	80.65726
MRS-PM Patient#11	-20	31.49	1925.734	2104.909	21.54662	MRS-PM Patient#4	-16.00	28.42	1840.223	3805.872	30.61668	ERM Patient#21	0	24.7	2524.873		
MRS-PM Patient#20	-15	29.86	1658.513			MRS-PM Patient#5	-9	28.79	2998.182			ERM Patient#22	0	24.23	2335.307	7812.584	58.72744
MRS-PM Patient#14	-16	31.41	1330.721			RRD-PM Patient#4	-6	26.59	3226.211	7056.601	50.83662	ERM Patient#8	-1	23.02	1933.873	3163.286	63.72406
MRS-PM Patient#9	-20.5	32.39	1774.308			RRD-PM Patient#6	-10	28.72	4143.67			MH Patient#8	0	23.3	2416.151		
RRD-PM Patient#9	-6.25	30.19	2107.444			RRD-PM Patient#7	-6	27.04	3559.346	4146.064	46.71027	MH Patient#9	-3	23.34	2106.713		
RRD-PM Patient#17	-13	33.55	2522.528			RRD-PM Patient#8	-9.5	28.26	3429.299	5884.826	53.23362	MH Patient#12	-3.25	24.43	2526.864		
RRD-PM Patient#13	-16	32.26	2208.988			RRD-PM Patient#10	-30	28.77	2700.675			MH Patient#15	0	22.43	1989.27		
RRD-PM Patient#16	-12	30.26	2363.977			RRD-PM Patient#18	-7.00	26.77	2031.444	7812.584	49.0574	MH Patient#18	0	23.05	1933.873	2709.696	45.54767
RRD-PM Patient#19	-10	30.16	2394.262			RRD-PM Patient#1	-9.00	26.68	1830.727	7094.4	44.96915	MH Patient#21	0	22.1	1939.1	3805.872	38.73085