Supplementary Table S1: Participant Demographics

Participant ID	Test eye	Visual acuity (Snellen) *	Visual Acuity (Snellen equivalent logMAR)	Diagnosis †	Sex	Age (years)	Interval between visits (days)	Smaller visual field target tested ‡
A1	OD	20/50	0.40	USH II	M	29	6	II4e
A2	OS	20/160	0.90	LCA	F	18	7	IV4e
A3	OS	20/40	0.30	cone-rod dystrophy	M	11	6	I4e
A4	OD	20/50	0.40	RP	F	10	18	III4e
A5	OS	20/160	0.90	cone-rod dystrophy	F	15	7	III4e
A6	OS	20/320	1.20	RP	F	19	3	III4e
A7	OD	20/320	1.20	LCA	M	14	6	III4e
A8 §	OD	20/63	0.50	RP	M	14	4	III4e
A9	OD	20/32	0.20	RP	M	48	20	III4e
A10	OS	20/40	0.30	RP	F	70	2	III4e
B1 §	OS	20/40	0.30	LCA, RDH12	M	18	4	III4e
B2	OD	20/40	0.30	'asymmetric RP'	M	35	6	II4e
B3	OS	20/40	0.30	RP	M	52	7	I4e
B4	OD	20/40	0.30	RP	F	23	7	I4e
B5	OD	20/25	0.10	RP	M	30	7	II4e
B6	OS	20/20	0.00	LCA	F	30	7	II4e
B7	OS	20/400	1.30	LCA, CRB1	F	14	7	III4e
B8	OS	'count fingers'	1.85 ‖	LCA, CRB1	F	31	6	III4e
B9	OD	'count fingers'	1.85 ‖	LCA, CRB1	M	44	7	IV4e

B10	OD	20/40	0.30	ar-RP	F	32	4	I4e
C1	OS	20/25	0.10	RP	F	25	9	III4e
C2	OD	20/46	0.36	RP	F	20	7	none
C3	OS	20/21	0.02	RP	F	11	9	I4e
C4	OS	20/23	0.06	RP	F	13	7	I4e
C5	OD	20/23	0.06	ar-RP	F	18	7	IV4e
C6	OD	20/35	0.24	ad-RP	F	7	7	I4e
C7	OD	20/29	0.16	ar-RP	F	15	9	I4e
C8	OD	20/19	-0.02	ar-RP	F	33	6	III4e
C9	OD	20/42	0.32	ad-RP	F	39	8	III4e

* The visual acuity values for the participants at Site B were taken from their recent medical charts, not measured at the study visits. Visual acuities for the participants at the other two sites were measured at their first study visit.

† "USH II" = Usher syndrome II; "LCA" = Leber congenital amaurosis; "RP" = retinitis pigmentosa; "xl" = x-linked; "ar" = autosomal recessive; "ad" = autosomal dominant. Where known, the LCA gene mutation has been noted: "RDH12" = retinol dehydrogenase 12; "CRB1" = Crumbs 1.

‡ Perimetry targets used in addition to the V4e target.

§ These are the two participants whose OVF isopters (and some GVF isopters) were too small to be digitized.

‖ The conversion to logMAR for these subjects was based on Schulze-Bonsel K, Feltgen N, Burau H, et al. Visual acuities "hand motion" and "counting fingers" can be quantified with the Freiburg visual acuity test. *Invest Ophthalmol Vis Sci* 2006;47:1236–40.