

Supplementary Table S2. The raw data of the outflow facility of perfusion cultured bovine eyes.

Treatment	Eye#	Outflow facility ( $\mu\text{l}/\text{min}/\text{mmHg}$ )										
		Day 0	1	2	3	4	5	6	7	8	m $\Delta\text{C}$	
ETH	POC25	0.90	0.77	0.73	0.66	0.62						-0.28
ETH	POC27	0.62	0.61	0.63	0.62	0.60						-0.02
ETH	POC29	1.27	1.19	1.18	1.12	1.12						-0.15
ETH	POC32	1.66	1.85	1.34	1.09							-0.57
ETH	POC34	2.06	1.78	1.30	1.06							-1.00
ETH	POC36	0.88	0.92	0.87								0.00
ETH	POC38	1.50	1.24	1.16	1.15	1.12	1.12					-0.38
ETH	POC40	0.55	0.51	0.53	0.69	0.63	0.61					-0.03
ETH	POC44	0.79	0.79	0.76	0.85	0.87	0.88	0.89	0.83			-0.03
ETH	POC48	0.60	0.57	0.52	0.53	0.51	0.53	0.58				-0.09
ETH	POC56	1.19	1.22	1.24	1.18	1.16	1.22	1.33				-0.03
ETH	POC60	0.37	0.37	0.36	0.34	0.34	0.34	0.33				-0.03
ETH	POC70	0.94	0.93	0.94	1.37	0.95	0.92	0.88	0.86	0.84		-0.10
ETH	POC76	1.25	1.17	1.13	1.13	1.07	1.06	1.07				-0.18
ETH	POC83	0.62	0.53	0.49	0.68	0.77	0.78	0.78				-0.13
ETH	POC89	0.55	0.43	0.44	0.45	0.44	0.42					-0.12
ETH	POC91	0.49	0.44	0.43	0.43	0.43	0.43					-0.07
ETH	POC101	0.61	0.67	0.65	0.68	0.66	0.63	0.60	0.57	0.56		-0.05
Basal outflow facility (outflow facility on day 0): mean=0.93, SD=0.46, N=18; m $\Delta\text{C}$ : mean=-0.18, SD=0.25												
Responder	POC26	0.86	0.73	0.49	0.40	0.40						-0.46
Responder	POC39	0.79	0.78	0.81	0.59	0.36	0.30					-0.49
Responder	POC41	1.95	1.33	1.00	0.92	0.93	0.93					-1.04
Responder	POC64	0.68	0.71	0.57	0.50	0.39	0.32					-0.35
Responder	POC68	2.05	1.79	1.63	1.10	0.77	0.75	0.77				-1.30
Responder	POC71	0.76	0.99	0.79	1.21	0.75	0.52	0.49	0.50	0.49		-0.27

Responder	POC72	2.05	1.72	2.10	3.72	1.75	0.92	0.62	0.51	0.47	-1.58
Responder	POC77	1.32	0.70	0.71	0.82	0.89	1.02	1.31			-0.62
Responder	POC82	0.91	0.53	0.59	0.75	0.81	0.85	0.87			-0.39
Responder	POC90	0.65	0.52	0.50	0.50	0.47	0.46				-0.19
Responder	POC92	0.53	0.41	0.37	0.37	0.37	0.38				-0.16
Responder	POC102	0.49	0.50	0.47	0.47	0.44	0.43	0.40	0.38	0.36	-0.13

Basal outflow facility: mean=1.09, SD=0.60, N=12; mΔC: mean=-0.58, SD=0.47

Non-responder	POC28	0.88	0.88	0.86	0.80	0.72					-0.16
Non-responder	POC30	1.38	1.41	1.40	1.16	0.97					-0.41
Non-responder	POC31	0.85	0.74	0.72	0.71	0.73					-0.14
Non-responder	POC33	1.05	1.03	0.79	0.70						-0.35
Non-responder	POC35	0.76	0.89	0.83	0.84						0.00*
Non-responder	POC37	1.13	1.63	2.21	2.44						0.00*
Non-responder	POC42	0.92	0.94	0.89	1.01	1.07	1.07	1.05	1.07		-0.03
Non-responder	POC49	0.52	0.53	0.48	0.55	0.50	0.46	0.46	0.74		-0.06
Non-responder	POC57	0.59	0.59	0.58	0.54	0.50	0.49	0.49			-0.10
Non-responder	POC58	0.45	0.51	0.58	0.48	0.40	0.38	0.52			-0.07
Non-responder	POC61	0.76	0.98	0.98	0.95	0.94	0.86	0.76			0.00
Non-responder	POC66	0.64	0.67	0.55	0.50	0.49	0.48				-0.17
Non-responder	POC67	1.22	1.14	0.96	0.82	0.81	0.91	1.03			-0.40
Non-responder	POC74	0.88	0.98	0.92	1.18	0.90	0.85	0.79	0.80	0.79	-0.09

Non-responder	POC78	1.88	1.76	1.38	1.20	1.10	1.11	1.05	-0.83
Non-responder	POC80	0.85	0.91	0.75	0.73	0.71	0.69	0.61	-0.25
Non-responder	POC84	3.06	2.28	1.59	2.29	2.70	2.42	2.26	-1.47

Basal outflow facility: mean=1.05, SD=0.62, N=17; mΔC: mean=-0.27, SD=0.38

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The mean, SD and SEM of the basal outflow facility of all forty-seven eyes are 1.01, 0.55 and 0.08μl/min/mmHg, respectively. \*: positive mΔC was set at 0.