

Table S2: List of animals and experimental conditions used for ocular tolerance studies.

Dog ID-Eye	Status	Sex	Age at injection (weeks)	Compound	Concentration (mM)	Volume (µL)	vehicle	Inject-term time interval
No vitrectomy:								
2134-OD	WT	F	36	DENAQ-Cl	10	150	50% DMSO in BSS	1 week
2135-OD	WT	M	53	DENAQ-Cl	10	150	50% DMSO in BSS	2 weeks
2139-OD	<i>PDE6B</i> mutant	M	34	DENAQ-Cl	10	150	50% DMSO in BSS	1 week
2135-OS	WT	M	53	DENAQ-ac.	10	150	10% DMSO in BSS	2 weeks
WM10-OD	WT	M	15	DENAQ-Cl	5	150	50% DMSO in BSS	1 week
WM14-OD	WT	F	15	DENAQ-Cl	5	150	50% DMSO in BSS	1 week
WM9-OD	<i>PDE6B</i> mutant	M	15	DENAQ-Cl	5	150	50% DMSO in BSS	1 week
WM10-OS	WT	M	15	DENAQ-ac.	5	150	10% DMSO in BSS	1 week
WM14-OS	WT	F	15	DENAQ-ac.	5	150	10% DMSO in BSS	1 week
WM9-OS	<i>PDE6B</i> mutant	M	15	DENAQ-ac.	5	150	10% DMSO in BSS	1 week
E1063-OD	WT	M	16	DENAQ-Cl	1	150	50% DMSO in BSS	1 week
E1065-OD	WT	M	16	DENAQ-Cl	1	150	50% DMSO in BSS	1 week
E1063-OS	WT	M	16	DENAQ-ac	1	150	10% DMSO in BSS	1 week
E1065-OS	WT	M	16	DENAQ-ac	1	150	10% DMSO in BSS	1 week
M705-OD	WT	M	43	DENAQ-ac	0.3	150	10% DMSO in BSS	1 week
M706-OD	WT	F	41	DENAQ-ac	0.3	150	10% DMSO in BSS	1 week
RC662-OD	WT	F	207	DENAQ-ac	0.3	150	0.1% DMSO in BSS	1 week
M705-OS	WT	M	43	DENAQ-ac	0.1	150	10% DMSO in BSS	1 week
M706-OS	WT	F	41	DENAQ-ac	0.1	150	10% DMSO in BSS	1 week
RC662-OS	WT	F	207	DENAQ-ac	0.1	150	0.1% DMSO in BSS	1 week
2134-OS	WT	F	36	vehicle	/	150	50% DMSO in BSS	1 week
2139-OS	<i>PDE6B</i> mutant	M	34	vehicle	/	150	50% DMSO in BSS	2 weeks
With vitrectomy:								
WM12-OD	WT	F	231	DENAQ-ac	10	150	10% DMSO in BSS	1 day
AS379-OS	<i>PDE6B</i> mutant	F	56	DENAQ-ac	10	150	10% DMSO in BSS	2 days
2202-OD	<i>PDE6B</i> mutant	F	128	DENAQ-ac	10	150	10% DMSO in BSS	1 week
2081-OS	<i>PDE6B</i> mutant	F	261	DENAQ-ac	3	150	10% DMSO in BSS	2 days
CFFCAZ-OD	WT	F	41	DENAQ-ac	3	150	3% DMSO in BSS	1 week
CFFCKM-OS	WT	F	40	DENAQ-ac	3	150	3% DMSO in BSS	1 week
WM12-OS	WT	F	231	DENAQ-ac	1	150	10% DMSO in BSS	1 day
CFFCBE-OS	WT	F	38	DENAQ-ac	1	150	1% DMSO in BSS	1 week
CFFCBE-OD	WT	F	37	DENAQ-ac	1	150	1% DMSO in BSS	2 weeks
IG71-OS	WT	M	268	vehicle	/	150	3% DMSO in BSS	1 week

OD: right eye; OS: left eye; WT: wildtype; F: female; M: male; DENAQ-Cl: DENAQ-chloride; DENAQ-ac: DENAQ-acetate; DMSO: dimethyl sulfoxide; BSS: balanced salt solution

Abbreviations