English Setter	

Ocular disorders known or presumed to be inherited (published)

	Diagnosis	Description and comments specific to the breed	Inheritance	Gene/ marker test	References
A	Progressive Retinal Atrophy (PRA)	1. early type; diagnosis by 2 y.o. 2. late type; diagnosis by 7-8 y.o. (rcd4)	1. Presumed autosomal recessive 2. autosomal recessive	1)NO 2)c2orf71	1,2,3,4
B	Neuronal ceroid lipofuscinosis (NCL8)	Clinical signs develop at about 1 y.o.	Autosomal recessive	CLN8	1,2,5,6,7,8,9 10
C	Ectropion	Lower central or lateral eyelid	Unknown	NO	1,2
D	Eversion of the cartilage of the nictitating membrane		Unknown	NO	1,2
E	Cataract	Between 6 months and 3 years of age; posterior subcapsular, polar and/or equatorial with possible rapid progression in dogs less than 2	Unknown	NO	2

		years old or older than 5 years			
F	Retinal dysplasia -multifocal		Unknown	NO	1,2

The ECVO's advice relating to hereditary eye disease control

Please see ECVO Manual chapter 8: VET Advice

Recommendations regarding age and frequency for eye examinations

Please see ECVO Manual chapter 7: ECVO Age and Frequency recommendations

Other ocular disorders (reported)

	Diagnosis	Source
A	Microphthalmia	French national panel
B	Distichiasis	French national panel ACVO genetics committee
C	Entropion	French national panel
D	Corneal dystrophy -epithelial/stromal	ACVO genetics committee
E	Persistent pupillary membranes	ACVO genetics committee
F	Prolapsed gland of the nictitating membrane	French national panel
G	Corneal dermoid	French national panel

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