embark

DNA Test Report

Dog Information

Shining Brightly of Fireside Fernweh (Lux) NAME	Male SEX
White Shepherd BREED ANCESTRY	March 11th, 2025 DATE OF BIRTH
Fédération Cynologique Internationale (FCI) REGISTRATION	n/a MICROCHIP

Skylar Copeland, Sydney Garfias
OWNER NAMES

Canine Genetic Health Screen
TEST

May 12th, 2025
TEST DATE

BREED HEALTH TESTS

DISEASE	GENE	GENOTYPE	RESULT	TESTING RECOMMENDED BY
Canine Leukocyte Adhesion Deficiency Type III, CLAD III	FERMT3	NN	Clear	
Degenerative Myelopathy, DM	SOD1A	GG	Clear	
MDR1 Drug Sensitivity	ABCB1	NN	Clear	
Achromatopsia	CNGA3 (Exon 7 SNP)	CC	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 1	GY	Clear	
Factor VIII Deficiency, Hemophilia A	F8 Exon 11	GY	Clear	
Hyperuricosuria and Hyperuricemia or Urolithiasis, HUU	SLC2A9 (Exon 5)	GG	Clear	
Mucopolysaccharidosis Type VII, Sly Syndrome, MPS VII	GUSB	GG	Clear	
Platelet Factor X Receptor Deficiency, Scott Syndrome	TMEM16F	GG	Clear	
Renal Cystadenocarcinoma and Nodular Dermatofibrosis, RCND	FLCN	GG	Clear	
X-linked Ectodermal Dysplasia, Anhidrotic Ectodermal Dysplasia, XHED	EDA	GY	Clear	