

CH ROCK's tarcast's Charlie of Makanacon



Charlie is not at risk for any of the tested known disorders in the breed

#### KNOWN DISORDERS IN THE BREED

Type	Disorder	Genotype	Status
Metabolic Disorders	Cystinuria; SCL7A9 mutation: c.881A>T	T/T	CLEAR
Blood Disorders	Erythrocyte Pyruvate Kinase (PK) Deficiency	G/G	CLEAR
Blood Disorders	Factor XII Deficiency	-/-	CLEAR
Cardiac Disorders	Hypertrophic Cardiomyopathy, MYBPC3 mutation: A31P found in Maine Coon	G/G	CLEAR
Muscular Disorders	Spinal Muscular Atrophy (SMA)/Spinal Muscular Dystrophy	I/I	CLEAR

#### NEW POTENTIAL DISORDERS IN THE BREED

Type	Disorder	Genotype	Status
Pharmacogenetics	Blood-brain Barrier Dysfunction, MDR1 / ABCB1	-/-	CLEAR