

Dog Name	Breed	Slocus	CEA	DM	vWD3
Foula's Promise I Will (757/0561)	Shetland Sheepdog	N/S	n/n	n/n	n/n

Slocus

N/N	Negative: Dog is negative for the spotting or parti-color gene.
S/S	Dog has two copies of the spotting or parti-color gene, and will always pass on one copy to all offspring.
N/S	Dog carries one copy of the spotting or parti-color gene, and can pass it on to any offspring.

CEA

n/n	Clear: Dog tested negative for the Collie Eye Anomaly mutation.
CEA/CEA	Affected: Dog carries two copies of the Collie Eye Anomaly mutation, and will be affected by the disorder. The dog will always pass on a copy of the CEA mutation to any offspring.
n/CEA	Carrier: Dog carries one copy of the Collie Eye Anomaly mutation, and could pass the mutation on to any offspring.

DM

n/n	Clear: Dog is negative for the Degenerative Myelopathy mutation.
DM/DM	At Risk: Dog has a significantly higher risk of developing DM, and will always pass on a copy of the mutation to its offspring.
n/DM	Carrier: Dog carries one copy of the mutation associated with Degenerative Myelopathy, and could pass on the mutation to any offspring.

vWD3

n/n	Clear: Dog tested negative for the von Willebrands type 3 mutation.
vWD3/vWD3	Affected: Dog carries two copies of the von Willebrands type 3 mutation, and will be affected by the disorder. The dog will always pass on a copy of the mutation to any offspring.
n/vWD3	Carrier: Dog carries one copy of the von Willebrands type 3 mutation, and could pass the mutation on to any offspring.