
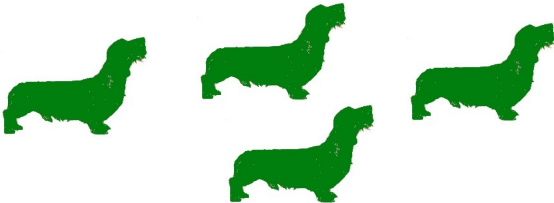



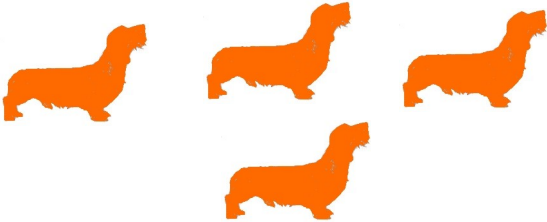

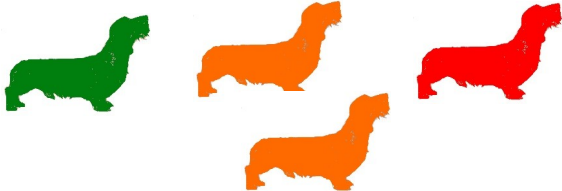

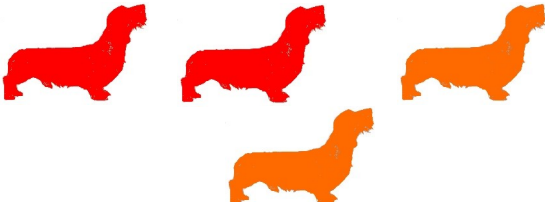
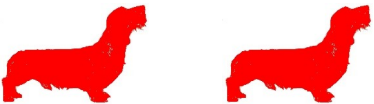
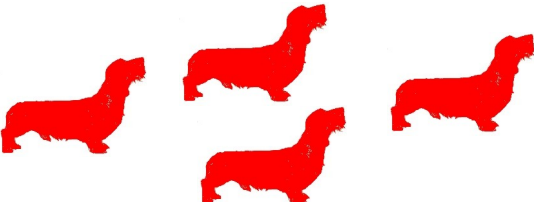


## Genetic inheritance of Lafora Disease in Miniature Wirehaired Dachshunds

Parents	Puppies (expected proportions)
“Clear” parent + “Clear” parent	100% “Clear” puppies
	
“Clear” parent + “Carrier” parent	50% “Clear” puppies and 50% “Carrier” puppies
	
“Clear” parent + “Affected” parent	100% “Carrier” puppies
	
“Carrier” parent + “Carrier” parent	25% “Clear”, 50% “Carrier”, 25% “Affected” puppies
	
“Carrier” parent + “Affected” parent	50% “Affected” and 50% “Carrier” puppies
	
“Affected” parent + “Affected” parent	100% “Affected” puppies
	

Green and Orange dogs both appear normal and will never display the symptoms of Lafora Disease. Red dogs will display the symptoms of Lafora Disease. Orange and Red dogs must only be mated with Green dogs otherwise they will produce puppies (Red) that suffer from Lafora Disease.