

## Equine Genetic Testing Report



Submitted By

Joanna Gray-Randle

### Subject Horse

Date Received: 4/28/2018

Horse Name: **Royal Tourmalet SPF**  
Breed: Hanoverian  
Phenotype: Bay  
Sex: Stallion

Lab Reference #: **00108145**  
Registration: **840023039789111**  
Birth: 2011

### Sire

Sire Name: **Royal Prince**  
Breed: Hanoverian  
Registration: **310120899**  
Phenotype: Bay

### Dam

Dam Name: **MS Adira**  
Breed: Hanoverian  
Registration: **032298397**  
Phenotype: Bay

### Coat Color and Pattern Testing

	Tobiano		Not Tested
	Frame Overo		Not Tested
	Sabino 1		Not Tested
	Splashed White 1		Not Tested
	Splashed White 2		Not Tested
	Splashed White 3		Not Tested
	Appaloosa (LP)		Not Tested
	PATN1		Not Tested
<b>X</b>	Red/Black Factor	<b>EE</b>	Homozygous for Black Factor. Horse carries two copies of the Black gene. Horse is Black based.
<b>X</b>	Agouti	<b>AA</b>	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
	Cream Dilution		Not Tested
	Dun Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

### Genetic Disorders

	HYPP		Not Tested
	HERDA		Not Tested
	GBED		Not Tested
	MH		Not Tested
<b>X</b>	PSSM 1	<b>n/n</b>	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		Not Tested
	OAAM1		Not Tested
	HWSD		Not Tested
<b>X</b>	WFFS1	<b>N/N</b>	Clear: Negative for the gene mutation associated with WFFS type 1.

### Genetic Marker Results

Run Date: Not Tested

-	-	-	-	-	-	-
AHT4	AHT5	ASB17	ASB2	ASB23	AME	CA425UK
-	-	-	-	-	-	-
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33
-	-	-	-	-	-	-
VHL20	UM011	HMS1	HMS2	HTG6	HTG7	

### Additional Comments

None