

## Equine Genetic Testing Report



Submitted By
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<b>Subject Horse</b>	Date Received: <b>4/17/2017</b>
Horse Name: <b>Pending Indy 2017</b> Breed: <b>Quarter/Paint Horse</b> Phenotype: <b>Dun/Splash</b> Sex: <b>Mare</b>	Lab Reference #: <b>00093040</b> Registration: Birth: <b>2017</b>

<b>Sire</b>
Sire Name: <b>Spook N Dunit</b> Breed: <b>Quarter/Paint Horse</b> Registration: <b>5140475</b> Phenotype: <b>Bay/Splash</b>

<b>Dam</b>
Dam Name: <b>Wimpys Star Pine</b> Breed: <b>Quarter Horse</b> Registration: <b>4987803</b> Phenotype: <b>Dun</b>

Coat Color and Pattern Testing			
X	Tobiano	nn	Negative for Tobiano.
X	Frame Overo	nn	Negative for Frame Overo (LWO).
X	Sabino 1	nn	Negative for the Sabino 1 gene.
X	Splashed White 1	n/SW1	Heterozygous. Horse has one copy of the Splashed White SW1 mutation.
X	Splashed White 2	n/SW2	Heterozygous. Horse has one copy of the Splashed White SW2 mutation.
X	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
X	Appaloosa (LP)	lp/lp	Tested negative for the main Appaloosa LP gene.
X	PATN1	n/n	Negative. Horse does not carry the PATN-1 gene mutation.
X	Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
X	Agouti	AA	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
X	Cream Dilution	nn	Negative for Cream Dilution.
X	Dun Dilution	Dd	Heterozygous. Horse carries one copy of the Dun Dilution gene.
X	Silver Dilution	nn	Negative for Silver Dilution.
X	Champagne	nn	Negative for Champagne Dilution.
X	Pearl Dilution	nn	Negative for Pearl Dilution.
	Gray		

Genetic Disorders			
X	HYPP	n/n	Clear. Negative for the HYPP gene mutation.
X	HERDA	N/N	Clear. Negative for the HERDA gene mutation.
X	GBED	N/Gb	Carrier. Horse is heterozygous and a carrier of the GBED gene mutation.
X	MH	n/n	Clear. Negative for the MH gene mutation found in Quarter horses and related breeds.
X	PSSM 1	n/n	Clear. Negative for the PSSM Type 1 gene mutation.
	FIS		
	JEB1		
	JEB2		
	CA		
	LFS		
	SCID		
	Hydrocephalus		
	HWSD		
	WFFS1		

<b>Additional Comments</b>

Genetic Marker Results						Run Date:
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-	-	-	-	-	-	
-	-	-	-	-	-	