

Equine Genetic Testing Report



Submitted By
Marshall Todd Quirk Plantation Farms 301 Veterans Blvd. Denham Springs, LA 70726

Subject Horse

Date Received: 10/16/2019

Horse Name: Bad Boon A Rising Breed: Quarter Horse Phenotype: Black Sex: Stallion	Lab Reference #: 00130275 Registration: 5712391 Birth: 2015
---	---

Sire
Sire Name: Once In A Blu Boon Breed: Registration: Phenotype:

Dam
Dam Name: Show Biz Kitty Breed: Registration: Phenotype:

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	nn	Negative for the Splashed White SW1 mutation.
X	Splashed White 2	nn	Negative for 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 and is NOT affected by CSNB.
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	Non-Agouti. If horse is black based e, black pigment will be evenly distributed.
X	Cream Dilution	nn	Negative for Cream Dilution.
X	Dun Dilution	nd1/nd2	1 copy of nd1 and 1 copy of nd2. Horse is not Dun diluted. Varying levels of primitive markings possible.
X	Silver Dilution	nn	Negative for Silver Dilution.
X	Champagne	nn	Negative for Champagne Dilution.
X	Pearl Dilution	nn	Negative for Pearl Dilution.
	Gray		Not Tested

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/N	Clear: Negative for the GBED gene mutation.
X	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
X	IMM	N/N	Horse tested negative for the mutation associated with IMM.
X	PSSM 1	n/n	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
	WFFS1		Not Tested

Additional Comments
None

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		