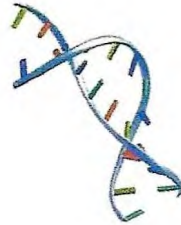


1336 Timberlane Road  
Tallahassee, FL 32312-1766

## Equine Genetic Testing Report



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

<b>Subject Horse</b>	Date Received: 10/16/2019
Horse Name: <b>Bad Boon A Rising</b> Breed: Quarter Horse Phenotype: Black Sex: Stallion	Lab Reference #: 00130275 Registration: 5712391 Birth: 2015

<b>Sire</b>	<b>Dam</b>
Sire Name: Once In A Blu Boon Breed: Registration: Phenotype:	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
	OAM1		Not Tested
	WFFS1		Not Tested

<b>Additional Comments:</b>
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		

## EQUINE JUVENILE SPINOCEREBELLAR ATAXIA TEST REPORT

<p><i>Provided Information:</i></p> <p><b>Name:</b>            <b>BADBOONARISING</b></p> <p><b>Registration:</b>   <b>5712391</b></p>	<p><i>Case:</i></p> <p><b>Date Received:</b>            02-Aug-2024</p> <p><b>Report Issue Date:</b>        06-Aug-2024</p> <p><b>Report ID:</b>                 2378-1383-8294-2180</p> <p style="text-align: right; font-size: small;">Verify report at <a href="http://vgl.ucdavis.edu/verify">vgl.ucdavis.edu/verify</a></p>
<p><i>DOB:</i> <b>04/21/2015</b>   <i>Sex:</i> <b>Stallion</b>   <i>Breed:</i> <b>Quarter Horse</b></p>	
<p><i>Sire:</i>   ONCE IN A BLU BOON</p> <p><i>Reg:</i>   5392297</p> <p><i>Microchip:</i></p>	<p><i>Dam:</i>   SHOW BIZ KITTY</p> <p><i>Reg:</i>   4426918</p> <p><i>Microchip:</i></p>

**RESULT**

**INTERPRETATION**

<b>Equine Juvenile          Spinocerebellar Ataxia</b>	<b>N/N</b>
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Normal. No copies of the allele associated with equine juvenile spinocerebellar ataxia (EJSCA) detected.