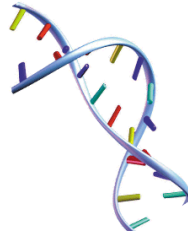


Equine Genetic Testing Report



Submitted By

Theresa Dykes
TopNotch Performance Horses
Box 48 Site 13 RR #4
Stony Plain, AB T7Z1X4
CANADA

Subject Horse

Date Received: 12/17/2015

Horse Name: **Smokin Ammo** Lab Reference #: **00076068**
 Breed: **Quarter Horse** Registration: **5253651**
 Phenotype: **Bay** Birth: **2009**
 Sex: **Stallion**

Sire	Dam
Sire Name: Colonels Smoking Gun Breed: Quarter Horse Registration: 4472679 Phenotype: Sorrel	Dam Name: This Chics on Top Breed: Quarter Horse Registration: 4439146 Phenotype: Sorrel

Coat Color and Pattern Testing

Tobiano		Pending
Frame Overo		Pending
Sabino 1		Pending
X Splashed White 1	nn	Negative for 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.
Appaloosa (LP)		Pending
Red/Black Factor		Pending
Agouti		Pending
Cream Dilution		Pending
Dun Dilution		Pending
Silver Dilution		Pending
Champagne		Pending
Pearl Dilution		Pending
Gray		Pending

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	PSSM 1	n/n	Clear: Negative for the PSSM Type 1 gene mutation.
X	MH	n/n	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
	JEB1		Pending
	JEB2		Pending
	CA		Pending
	LFS		Pending
	SCID		Pending
	FIS		Pending
	WFFS1		Pending

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	

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