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Equine Genetic Testing Report

Submitted By

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Subject Horse 00104649

X

X

X

X

X

X

X

W13

W20

Horse Name: Bases Loaded **Breed: Paint Horse** Phenotype: Bay Overo

Dam Name: Rock N In My PJ's

Registration:

Sex: Colt

Birth: 2018

Breed: Paint Horse Registration: 1,028,140 Phenotype: Black

Test Results cont.

Sire Dam

Sire Name: Grandslam Kid Breed: Quarter/Paint Horse Registration: 1,029,764

Phenotype: Palomino

Test Results Heterozygous. Horse carries one copy of the LWO X LWO nO gene. Horse will usually exhibit the frame overo pattern. Negative for the Sabino 1 gene. X Sabino1 nn Heterozygous. Horse has one copy of the Splashed X SW1 n/SW1 White SW1 mutation. Negative for the Splashed White SW2 mutation. X SW₂ nn Negative for the Splashed White SW3 mutation. X SW3 nn The W3 c.706A>T mutation in exon 4 of the KIT gene X W3 n/n was NOT detected. Horse is negative for the W3 The W5 1-bp deletion in exon 15 of the KIT gene was X W5 n/n NOT detected. Horse is negative for the W5 allele. The W10 4-bp deletion in exon 7 of the KIT gene was X W10

n/n

n/n

n/W20

HYPP n/n Clear: Negative for the HERDA gene mutation. HERDA N/N Clear: Negative for the GBED gene mutation. **GBED** N/N Clear: Negative for the PSSM Type 1 gene mutation. PSSM1 n/n Clear: Negative for the MH gene mutation found in MH n/n Quarter horses and related breeds.

mutation.

NOT detected. Horse is negative for the W10 allele. Horse is negative for the W13 Dominant White gene

Both alleles for the W20 c.2045G>A location in exon.

14 of the KIT gene were detected. Horse is heterozvoous for the W20 allele. Clear: Negative for the HYPP gene mutation.

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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