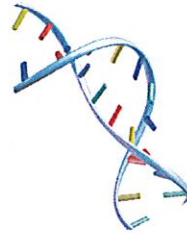


Equine Genetic Testing Report



Submitted By	AG112954
Tammy Stewart	
P.O. Box 429 Spruce Home, SK S0J 2N0 CANADA	

Subject Horse	Date Received: 8/27/2012
Horse Name: Nu Chex Miracles	Registration: 4897718
Breed: Quarter Horse	Sex: Mare
Phenotype: Palomino	Birth: 2004

Sire
Sire Name: Nu Chex to Cash
Breed: Quarter Horse
Registration: 2897577
Phenotype: Palomino

Dam
Dam Name: Lotsa Little Peppy
Breed: Quarter Horse
Registration: 3548703
Phenotype: Bay

Coat Color and Pattern Testing		
	Tobiano	Not Tested
	Frame Overo	Not Tested
	Sabino 1	Not Tested
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.
	Appaloosa (LP)	Not Tested

	Red/Black Factor	Not Tested
	Agouti	Not Tested

	Cream Dilution	Not Tested
	Silver Dilution	Not Tested
	Champagne	Not Tested
	Pearl Dilution	Not Tested

	Gray	Not Tested
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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.
	JEB		Not Tested
	CA		Not Tested
	LFS		Not Tested

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		

Additional Comments
None

CA = Cerebellar Abiotrophy
 GBED = Glycogen branching enzyme deficiency
 HERDA = Hereditary equine regional dermal asthenia
 HYPP = Hyperkalemic Periodic Paralysis
 JEB1 = Junctional Epidermolysis Bullosa - Belgian Draft Horse
 JEB2 = Junctional Epidermolysis Bullosa - American Saddlebred
 LFS = Lavender Foal Syndrome
 LWO = Lethal White Overo
 MH = Malignant Hyperthermia
 PSSM1 = Polysaccharide Storage Myopathy - Type 1

Thank you for choosing Animal Genetics Inc.