

## Equine Genetic Testing Report



### Submitted By

Tammy Stewart

P.O. Box 429  
Spruce Home, SK S0J 2N0  
Canada

### Subject Horse

Date Received: 6/15/2017

Horse Name: **Kelly 2017**  
Breed: Quarter Horse  
Phenotype: Buckskin  
Sex: Colt

Lab Reference #: 00096221  
Registration: Pending  
Birth: 2017

### Sire

Sire Name: Cruisin Whiz  
Breed: Quarter Horse  
Registration: 5026693  
Phenotype: Palomino

### Dam

Dam Name: Dyna Chex  
Breed: Quarter Horse  
Registration: 3666909  
Phenotype: Bay

### Coat Color and Pattern Testing

	Tobiano		Not Tested
	Frame Overo		Not Tested
	Sabino 1		Not Tested
	Splashed White 1		Not Tested
	Splashed White 2		Not Tested
	Splashed White 3		Not Tested
	Appaloosa (LP)		Not Tested
	PATN1		Not Tested
<b>X</b>	Red/Black Factor	<b>Ee</b>	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
<b>X</b>	Agouti	<b>AA</b>	Homozygous for Agouti. Horse carries two copies of the Agouti gene.
	Cream Dilution		Not Tested
	Dun Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

### Genetic Disorders

	HYPP		Not Tested
	HERDA		Not Tested
<b>X</b>	GBED	<b>N/N</b>	Clear. Negative for the GBED gene mutation.
	MH		Not Tested
	PSSM 1		Not Tested
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		Not Tested
	Hydrocephalus		Not Tested
	HWSD		Not Tested
	WFFS1		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