

Equine Genetic Testing Report



Submitted By
~~XXXXXXXXXX~~
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Subject Horse

Horse Name: **Sunni**
 Breed: **Quarter Horse**
 Phenotype:
 Sex: **Filly**

Date Received: 5/7/2022

Lab Reference #: **00167123**
 Registration:
 Birth: 2022

Sire

Sire Name: **Hottest CK In Town**
 Breed: **Quarter Horse**
 Registration: **5515349**
 Phenotype: **Gold Champagne**

Dam

Dam Name: **GSR Cool Dudette**
 Breed: **Quarter Horse**
 Registration: **6061274**
 Phenotype: **Amber Champagne Crème Dun**

Coat Color and Pattern Testing

<input type="checkbox"/>	Tobiano		
<input type="checkbox"/>	Frame Overo		
<input type="checkbox"/>	Sabino 1		
<input type="checkbox"/>	Splashed White 1		
<input type="checkbox"/>	Splashed White 2		
<input type="checkbox"/>	Splashed White 3		
<input type="checkbox"/>	Appaloosa (LP)		
<input type="checkbox"/>	PATN1		
<input checked="" type="checkbox"/>	Red/Black Factor	ee	Homozygous Red. Horse carries two copies of the Red gene. Horse has a red base pigment.
<input checked="" type="checkbox"/>	Agouti	Aa	Heterozygous. Horse carries one copy of the Agouti gene.
<input checked="" type="checkbox"/>	Cream Dilution	nn	Negative for Cream Dilution.
<input checked="" type="checkbox"/>	Dun Dilution	D/dnd2	1 copy of Dun and 1 copy of nD2. Horse will have Dun dilution and express primitive markings.
<input checked="" type="checkbox"/>	Silver Dilution	nn	Negative for Silver Dilution.
<input checked="" type="checkbox"/>	Champagne	nCh	Heterozygous. Horse carries one copy of the Champagne Dilution gene.
<input checked="" type="checkbox"/>	Pearl Dilution	nn	Negative for Pearl Dilution.
<input type="checkbox"/>	Gray		

Genetic Disorders

<input checked="" type="checkbox"/>	HYPP	n/n	Clear. Negative for the HYPP gene mutation.
<input checked="" type="checkbox"/>	HERDA	N/N	Clear. Negative for the HERDA gene mutation.
<input checked="" type="checkbox"/>	GBED	N/N	Clear. Negative for the GBED gene mutation.
<input checked="" type="checkbox"/>	MH	n/n	Clear. Negative for the MH gene mutation found in Quarter horses and related breeds.
<input checked="" type="checkbox"/>	IMM	N/N	Horse tested negative for the mutation associated with IMM.
<input checked="" type="checkbox"/>	PSSM 1	n/n	Clear. Negative for the PSSM Type 1 gene mutation.
<input type="checkbox"/>	FIS		
<input type="checkbox"/>	JEB1		
<input type="checkbox"/>	JEB2		
<input type="checkbox"/>	CA		
<input type="checkbox"/>	LFS		
<input type="checkbox"/>	SCID		
<input type="checkbox"/>	OAAM1		
<input type="checkbox"/>	WFFS1		

Genetic Marker Results

Run Date: **Apr 20/2022**

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A17E	A17E	A1811	A22J	A22J3	A2E	CAC17LH
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
H4E2	H4E2	H4E2	H121E	H121E	L1E2	L1E23
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SN1J2	SN1J1	H4E2	H4E2	H121E	H121E	

Additional Comments