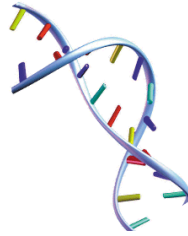


## Equine Genetic Testing Report



Submitted By
Laura Shea LRS Reining Horses 1271 Grandview Rd Oil City, PA 16301

### Subject Horse

Date Received: 2/23/2016

Horse Name: <b>CC Im Stepping Out</b> Breed: Quarter Horse Phenotype: Gray Sex: Mare	Lab Reference #: <b>00078179</b> Registration: <b>5044652</b> Birth: 2005
---	---

<b>Sire</b>	<b>Dam</b>
Sire Name: <b>Wimpys Little Step</b> Breed: Quarter Horse Registration: 3863115 Phenotype: Palomino	Dam Name: <b>Eippers Budha Blue</b> Breed: Quarter Horse Registration: 3238176 Phenotype: Gray

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

<input checked="" type="checkbox"/>	Red/Black Factor	<b>ee</b>	Homozygous Red. Horse carries two copies of the Red gene. Horse has a red base pigment.
<input checked="" type="checkbox"/>	Agouti	<b>Aa</b>	Heterozygous. Horse carries one copy of the Agouti gene.
<input checked="" type="checkbox"/>	Cream Dilution	<b>nn</b>	Negative for Cream Dilution.
<input checked="" type="checkbox"/>	Dun Dilution	<b>dd</b>	Negative for currently known markers associated with Dun Dilution.
<input checked="" type="checkbox"/>	Silver Dilution	<b>nn</b>	Negative for Silver Dilution.
<input checked="" type="checkbox"/>	Champagne	<b>nn</b>	Negative for Champagne Dilution.
<input checked="" type="checkbox"/>	Pearl Dilution	<b>nn</b>	Negative for Pearl Dilution.
	Gray		Not Tested

<b>Additional Comments</b>
None

Genetic Disorders			
<input checked="" type="checkbox"/>	HYPP	<b>n/n</b>	Clear: Negative for the HYPP gene mutation.
<input checked="" type="checkbox"/>	HERDA	<b>N/N</b>	Clear: Negative for the HERDA gene mutation.
<input checked="" type="checkbox"/>	GBED	<b>N/Gb</b>	Carrier: Horse is heterozygous and a carrier of the GBED gene mutation.
<input checked="" type="checkbox"/>	MH	<b>n/n</b>	Clear: Negative for the MH gene mutation found in Quarter horses and related breeds.
<input checked="" type="checkbox"/>	PSSM 1	<b>n/n</b>	Clear: Negative for the PSSM Type 1 gene mutation.
	FIS		Not Tested
	JEB1		Not Tested
	JEB2		Not Tested
	CA		Not Tested
	LFS		Not Tested
	SCID		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		

Thank you for choosing Animal Genetics Inc.