

## Equine Genetic Testing Report



Submitted By
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### Subject Horse

Date Received: 12/8/2016

Horse Name: <b>Never Compromise</b> Breed: Paint Horse Phenotype: Chestnut Overo Sex: Stallion	Lab Reference #: <b>00088394</b> Registration: <b>968931</b> Birth: 2008
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<b>Sire</b>
Sire Name: Zippos Sensation Breed: Registration: 255,564 Phenotype: Sorrel/Overo

<b>Dam</b>
Dam Name: My Precious Lexus Breed: Quarter Horse Registration: 3,867,880 Phenotype: Sorrel

### Coat Color and Pattern Testing

<input checked="" type="checkbox"/>	Tobiano	nn	Negative for Tobiano.
<input checked="" type="checkbox"/>	Frame Overo	nO	Heterozygous. Horse carries one copy of the LWO gene. Horse will usually exhibit the frame overo pattern.
<input checked="" type="checkbox"/>	Sabino 1	nn	Negative for the Sabino 1 gene.
<input checked="" type="checkbox"/>	Splashed White 1	nn	Negative for the Splashed White SW1 mutation.
<input checked="" type="checkbox"/>	Splashed White 2	nn	Negative for the Splashed White SW2 mutation.
<input checked="" type="checkbox"/>	Splashed White 3	nn	Negative for the Splashed White SW3 mutation.
<input checked="" type="checkbox"/>	Appaloosa (LP)	lp/lp	Tested negative for the main Appaloosa LP gene.
<input checked="" type="checkbox"/>	PATN1	n/n	Negative. Horse does not carry the PATN-1 gene mutation.
	Red/Black Factor		Not Tested
	Agouti		Not Tested
	Cream Dilution		Not Tested
	Dun Dilution		Not Tested
	Silver Dilution		Not Tested
	Champagne		Not Tested
	Pearl Dilution		Not Tested
	Gray		Not Tested

### 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"/>	PSSM 1	n/n	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
	Hydrocephalus		Not Tested
	HWSD		Not Tested
	WFFS1		Not Tested

### Additional Comments

nO: Horse is a carrier of the LWO gene. There is a 25% risk of a lethal foal if this horse is bred to another LWO carrier.

### 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	