

Equine Genetic Testing Report

Submitted By	AG119414
Penverne Cecile Cymela Paint Horse La Villeneuve Zinsec Berne, 56240 FRANCE	



Subject Horse	Date Received: 5/20/2014
Horse Name: CPH Nooba Always Ice Breed: Paint Horse Phenotype: Classic Champagne Solid Sex: Filly	Lab Reference #: 00056575 Registration: Pending Birth: 2014

Sire
Sire Name: TC Dun in Ice Breed: Quarter Horse Registration: 6903312 Phenotype: Gold Cream Champagne Dun

Dam
Dam Name: Always Fair Breed: Paint Horse Registration: 967,571 Phenotype: Black Tobiano

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
<input checked="" type="checkbox"/> Red/Black Factor	Ee	Heterozygous. Horse is Black based but carries a recessive copy of the Red gene.
<input checked="" type="checkbox"/> Agouti	aa	Non-Agouti. If horse is black based (E), black pigment will be evenly distributed.
<input checked="" type="checkbox"/> Cream Dilution	nn	Negative for Cream Dilution.
Dun Dilution		Not Tested
<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.
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"/>	PSSM 1	n/n	Clear. Negative for the PSSM Type 1 gene mutation.
<input checked="" type="checkbox"/>	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	CA423UK	
-	-	-	-	-	-	-	
HMS3	HMS6	HMS7	HTG10	HTG4	LEX3	LEX33	
-	-	-	-	-	-	-	
VHL20	UM011	HMS1	HMS2	HTG6	HTG7		

CA = Cerebellar Abiotrophy
 GBED = Glycogen branching enzyme deficiency
 HERDA = Hereditary equine regional dermal esthenia
 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

Additional Comments
None

Thank you for choosing Animal Genetics Inc.