

FOAL : Owner:  Year Due:  Breed:

SIRE :  #:  Breed:   
 Color (Phenotype):   
 Genes (Genotype):  Known Linkages   
 Details:

DAM :  #:  Breed:   
 Color (Phenotype):   
 Genes (Genotype):  Known Linkages   
 Details:

Gene Name	% Chance	Genes	Foal's Phenotype Combinations Possible and Details
<b>Extension</b>	100	E/e	Black-pointed (carrying Red) (E from Sire)
<b>Agouti</b>	50	A/a	Bay-based (carrying Black)
	50	a/a	Black-based
<b>Cream/Pearl</b>	50	Cr/cr	Cream
	50	cr/cr	(No Cream/No Pearl)
<b>Dun</b>	25	D/D	Homozygous Dun
	50	D/d	Dun
	25	d/d	(No Dun)
<b>Champagne</b>	50	Ch/ch	Champagne
	50	ch/ch	(No Champagne)

\* NOTE: Due: April 2011

% Chance	Foal's Phenotype	Color Combinations Possible
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3.1250	Amber Cream	Homozygous Dun Champagne
3.1250	Buckskin	Homozygous Dun
6.2500	Amber Cream	Dun Champagne
6.2500	Buckskin	Dun
3.1250	Amber Cream	Champagne
3.1250	Buckskin	
3.1250	Amber	Homozygous Dun Champagne
3.1250	Homozygous Bay	Dun
6.2500	Amber	Dun Champagne
6.2500	Bay	Dun
3.1250	Amber	Champagne
3.1250	Bay	
3.1250	Classic Cream	Homozygous Grulla Champagne
3.1250	Smoky	Homozygous Grulla
6.2500	Classic Cream	Grulla Champagne
6.2500	Smoky	Grulla
3.1250	Classic Cream	Champagne
3.1250	Smoky	Black
3.1250	Classic	Homozygous Grulla Champagne
3.1250	Homozygous	Grulla
6.2500	Classic	Grulla Champagne
6.2500	Grulla	
3.1250	Classic	Champagne
3.1250	Black	

100.0000 with 24 potential Foal Phenotype Color Combinations Possible

FOAL : Year Due: 2011 Sire: Foothills Beau Dunit Dam: DP Lady Boloxy "Lady"

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
3.1250	E/e A/a Cr/cr D/D Ch/ch	Amber Cream Homozygous Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a Cr/cr D/D	Buckskin Homozygous Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
6.2500	E/e A/a Cr/cr D/d Ch/ch	Amber Cream Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
6.2500	E/e A/a Cr/cr D/d	Buckskin Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a Cr/cr Ch/ch	Amber Cream Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a Cr/cr	Buckskin	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a D/D Ch/ch	Amber Homozygous Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a D/D	Homozygous Bay Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
6.2500	E/e A/a D/d Ch/ch	Amber Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
6.2500	E/e A/a D/d	Bay Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a Ch/ch	Amber Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e A/a	Bay	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
3.1250	E/e a/a Cr/cr D/D Ch/ch	Classic Cream Homozygous Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a Cr/cr D/D	Smoky Homozygous Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
6.2500	E/e a/a Cr/cr D/d Ch/ch	Classic Cream Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
6.2500	E/e a/a Cr/cr D/d	Smoky Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a Cr/cr Ch/ch	Classic Cream Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a Cr/cr	Smoky Black	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a D/D Ch/ch	Classic Homozygous Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a D/D	Homozygous Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
6.2500	E/e a/a D/d Ch/ch	Classic Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
6.2500	E/e a/a D/d	Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a Ch/ch	Classic Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
3.1250	E/e a/a	Black	Black-based (carrying Red extension) (only Black agouti) (E from Sire)

100.0000 with 24 potential Foal Genotype Color Combinations Possible