

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
Extension	25	E/E	Black-pointed (homozygous Black)
	25	E/e	Black-pointed (carrying Red) (E from Sire)
	25	E/e	Black-pointed (carrying Red) (E from Dam)
	25	e/e	Sorrel/Chestnut-based
Agouti	25	A/At	Bay-based (carrying Brown)
	25	A/a	Bay-based (carrying Black)
	25	At/a	Brown-based (carrying Black)
	25	a/a	Black-based
Dun	50	D/d	Dun
	50	d/d	(No Dun)
Champagne	50	Ch/ch	Champagne
	50	ch/ch	(No Champagne)
Roan	50	R/r	(R from Sire) * (e-linked)
	50	r/r	(No Roan)
Tobiano	50	T/t	(T from Dam) * (E-linked)
	50	t/t	(No Tobiano)
Frame/LWO	25	O/O	Homozygous Frame (LETHAL TO FOAL)
	50	O/o	Frame Overo
	25	o/o	(No Frame Overo)

* NOTE: Known Linkages (indicated above) and 5% Crossover Rate used to calculate foal's Roan and/or Tobiano combinations possible.

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.0371	Amber Dun Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.7070	Amber Dun Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Amber Dun Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
1.4141	Amber Dun Champagne Roan, Tobiano + Frame Overo
0.0371	Amber Dun Champagne Roan, Homozygous Black Gene, Tobiano
0.7070	Amber Dun Champagne Roan, Tobiano
0.0020	Amber Dun Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0742	Amber Dun Champagne Roan, Homozygous Frame (Lethal) Overo
0.0039	Amber Dun Champagne Roan, Homozygous Black Gene, Frame Overo
0.1484	Amber Dun Champagne Roan, Frame Overo
0.0020	Amber Dun Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0742	Amber Dun Champagne Roan, Solid (No White Patterns)
0.7051	Amber Dun Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Amber Dun Champagne, Tobiano + Homozygous Frame (Lethal) Overo
1.4102	Amber Dun Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.1484	Amber Dun Champagne, Tobiano + Frame Overo
0.7051	Amber Dun Champagne, Homozygous Black Gene, Tobiano
0.0742	Amber Dun Champagne, Tobiano
0.0371	Amber Dun Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.7070	Amber Dun Champagne, Homozygous Frame (Lethal) Overo
0.0742	Amber Dun Champagne, Homozygous Black Gene, Frame Overo
1.4141	Amber Dun Champagne, Frame Overo
0.0371	Amber Dun Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.7070	Amber Dun Champagne, Solid (No White Patterns)
0.0371	Bay Dun Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.7070	Bay Dun Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Bay Dun Roan, Homozygous Black Gene, Tobiano + Frame Overo
1.4141	Bay Dun Roan, Tobiano + Frame Overo
0.0371	Bay Dun Roan, Homozygous Black Gene, Tobiano
0.7070	Bay Dun Roan, Tobiano
0.0020	Bay Dun Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0742	Bay Dun Roan, Homozygous Frame (Lethal) Overo
0.0039	Bay Dun Roan, Homozygous Black Gene, Frame Overo
0.1484	Bay Dun Roan, Frame Overo
0.0020	Bay Dun Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0742	Bay Dun Roan, Solid (No White Patterns)
0.7051	Bay Dun, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Bay Dun, Tobiano + Homozygous Frame (Lethal) Overo
1.4102	Bay Dun, Homozygous Black Gene, Tobiano + Frame Overo
0.1484	Bay Dun, Tobiano + Frame Overo
0.7051	Bay Dun, Homozygous Black Gene, Tobiano
0.0742	Bay Dun, Tobiano

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.0371	Bay Dun, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.7070	Bay Dun, Homozygous Frame (Lethal) Overo
0.0742	Bay Dun, Homozygous Black Gene, Frame Overo
1.4141	Bay Dun, Frame Overo
0.0371	Bay Dun, Homozygous Black Gene, Solid (No White Patterns)
0.7070	Bay Dun, Solid (No White Patterns)
0.0371	Amber Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.7070	Amber Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Amber Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
1.4141	Amber Champagne Roan, Tobiano + Frame Overo
0.0371	Amber Champagne Roan, Homozygous Black Gene, Tobiano
0.7070	Amber Champagne Roan, Tobiano
0.0020	Amber Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0742	Amber Champagne Roan, Homozygous Frame (Lethal) Overo
0.0039	Amber Champagne Roan, Homozygous Black Gene, Frame Overo
0.1484	Amber Champagne Roan, Frame Overo
0.0020	Amber Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0742	Amber Champagne Roan, Solid (No White Patterns)
0.7051	Amber Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Amber Champagne, Tobiano + Homozygous Frame (Lethal) Overo
1.4102	Amber Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.1484	Amber Champagne, Tobiano + Frame Overo
0.7051	Amber Champagne, Homozygous Black Gene, Tobiano
0.0742	Amber Champagne, Tobiano
0.0371	Amber Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.7070	Amber Champagne, Homozygous Frame (Lethal) Overo
0.0742	Amber Champagne, Homozygous Black Gene, Frame Overo
1.4141	Amber Champagne, Frame Overo
0.0371	Amber Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.7070	Amber Champagne, Solid (No White Patterns)
0.0371	Bay Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.7070	Bay Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Bay Roan, Homozygous Black Gene, Tobiano + Frame Overo
1.4141	Bay Roan, Tobiano + Frame Overo
0.0371	Bay Roan, Homozygous Black Gene, Tobiano
0.7070	Bay Roan, Tobiano
0.0020	Bay Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0742	Bay Roan, Homozygous Frame (Lethal) Overo
0.0039	Bay Roan, Homozygous Black Gene, Frame Overo
0.1484	Bay Roan, Frame Overo
0.0020	Bay Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0742	Bay Roan, Solid (No White Patterns)

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.7051	Bay, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0742	Bay, Tobiano + Homozygous Frame (Lethal) Overo
1.4102	Bay, Homozygous Black Gene, Tobiano + Frame Overo
0.1484	Bay, Tobiano + Frame Overo
0.7051	Bay, Homozygous Black Gene, Tobiano
0.0742	Bay, Tobiano
0.0371	Bay, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.7070	Bay, Homozygous Frame (Lethal) Overo
0.0742	Bay, Homozygous Black Gene, Frame Overo
1.4141	Bay, Frame Overo
0.0371	Bay, Homozygous Black Gene, Solid (No White Patterns)
0.7070	Bay, Solid (No White Patterns)
0.0186	Sable Dun Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Sable Dun Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Sable Dun Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Sable Dun Champagne Roan, Tobiano + Frame Overo
0.0186	Sable Dun Champagne Roan, Homozygous Black Gene, Tobiano
0.3535	Sable Dun Champagne Roan, Tobiano
0.0010	Sable Dun Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Sable Dun Champagne Roan, Homozygous Frame (Lethal) Overo
0.0020	Sable Dun Champagne Roan, Homozygous Black Gene, Frame Overo
0.0742	Sable Dun Champagne Roan, Frame Overo
0.0010	Sable Dun Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Sable Dun Champagne Roan, Solid (No White Patterns)
0.3525	Sable Dun Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Sable Dun Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Sable Dun Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Sable Dun Champagne, Tobiano + Frame Overo
0.3525	Sable Dun Champagne, Homozygous Black Gene, Tobiano
0.0371	Sable Dun Champagne, Tobiano
0.0186	Sable Dun Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Sable Dun Champagne, Homozygous Frame (Lethal) Overo
0.0371	Sable Dun Champagne, Homozygous Black Gene, Frame Overo
0.7070	Sable Dun Champagne, Frame Overo
0.0186	Sable Dun Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Sable Dun Champagne, Solid (No White Patterns)
0.0186	Brown Dun Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Brown Dun Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Brown Dun Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Brown Dun Roan, Tobiano + Frame Overo
0.0186	Brown Dun Roan, Homozygous Black Gene, Tobiano
0.3535	Brown Dun Roan, Tobiano

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.0010	Brown Dun Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Brown Dun Roan, Homozygous Frame (Lethal) Overo
0.0020	Brown Dun Roan, Homozygous Black Gene, Frame Overo
0.0742	Brown Dun Roan, Frame Overo
0.0010	Brown Dun Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Brown Dun Roan, Solid (No White Patterns)
0.3525	Brown Dun, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Brown Dun, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Brown Dun, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Brown Dun, Tobiano + Frame Overo
0.3525	Brown Dun, Homozygous Black Gene, Tobiano
0.0371	Brown Dun, Tobiano
0.0186	Brown Dun, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Brown Dun, Homozygous Frame (Lethal) Overo
0.0371	Brown Dun, Homozygous Black Gene, Frame Overo
0.7070	Brown Dun, Frame Overo
0.0186	Brown Dun, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Brown Dun, Solid (No White Patterns)
0.0186	Sable Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Sable Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Sable Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Sable Champagne Roan, Tobiano + Frame Overo
0.0186	Sable Champagne Roan, Homozygous Black Gene, Tobiano
0.3535	Sable Champagne Roan, Tobiano
0.0010	Sable Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Sable Champagne Roan, Homozygous Frame (Lethal) Overo
0.0020	Sable Champagne Roan, Homozygous Black Gene, Frame Overo
0.0742	Sable Champagne Roan, Frame Overo
0.0010	Sable Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Sable Champagne Roan, Solid (No White Patterns)
0.3525	Sable Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Sable Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Sable Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Sable Champagne, Tobiano + Frame Overo
0.3525	Sable Champagne, Homozygous Black Gene, Tobiano
0.0371	Sable Champagne, Tobiano
0.0186	Sable Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Sable Champagne, Homozygous Frame (Lethal) Overo
0.0371	Sable Champagne, Homozygous Black Gene, Frame Overo
0.7070	Sable Champagne, Frame Overo
0.0186	Sable Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Sable Champagne, Solid (No White Patterns)

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.0186	Brown Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Brown Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Brown Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Brown Roan, Tobiano + Frame Overo
0.0186	Brown Roan, Homozygous Black Gene, Tobiano
0.3535	Brown Roan, Tobiano
0.0010	Brown Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Brown Roan, Homozygous Frame (Lethal) Overo
0.0020	Brown Roan, Homozygous Black Gene, Frame Overo
0.0742	Brown Roan, Frame Overo
0.0010	Brown Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Brown Roan, Solid (No White Patterns)
0.3525	Brown, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Brown, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Brown, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Brown, Tobiano + Frame Overo
0.3525	Brown, Homozygous Black Gene, Tobiano
0.0371	Brown, Tobiano
0.0186	Brown, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Brown, Homozygous Frame (Lethal) Overo
0.0371	Brown, Homozygous Black Gene, Frame Overo
0.7070	Brown, Frame Overo
0.0186	Brown, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Brown, Solid (No White Patterns)
0.0186	Classic Grulla Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Classic Grulla Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Classic Grulla Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Classic Grulla Champagne Roan, Tobiano + Frame Overo
0.0186	Classic Grulla Champagne Roan, Homozygous Black Gene, Tobiano
0.3535	Classic Grulla Champagne Roan, Tobiano
0.0010	Classic Grulla Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Classic Grulla Champagne Roan, Homozygous Frame (Lethal) Overo
0.0020	Classic Grulla Champagne Roan, Homozygous Black Gene, Frame Overo
0.0742	Classic Grulla Champagne Roan, Frame Overo
0.0010	Classic Grulla Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Classic Grulla Champagne Roan, Solid (No White Patterns)
0.3525	Classic Grulla Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Classic Grulla Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Classic Grulla Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Classic Grulla Champagne, Tobiano + Frame Overo
0.3525	Classic Grulla Champagne, Homozygous Black Gene, Tobiano
0.0371	Classic Grulla Champagne, Tobiano

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

0.0186	Classic Grulla Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Classic Grulla Champagne, Homozygous Frame (Lethal) Overo
0.0371	Classic Grulla Champagne, Homozygous Black Gene, Frame Overo
0.7070	Classic Grulla Champagne, Frame Overo
0.0186	Classic Grulla Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Classic Grulla Champagne, Solid (No White Patterns)
0.0186	Grulla Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Grulla Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Grulla Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Grulla Roan, Tobiano + Frame Overo
0.0186	Grulla Roan, Homozygous Black Gene, Tobiano
0.3535	Grulla Roan, Tobiano
0.0010	Grulla Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Grulla Roan, Homozygous Frame (Lethal) Overo
0.0020	Grulla Roan, Homozygous Black Gene, Frame Overo
0.0742	Grulla Roan, Frame Overo
0.0010	Grulla Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Grulla Roan, Solid (No White Patterns)
0.3525	Grulla, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Grulla, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Grulla, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Grulla, Tobiano + Frame Overo
0.3525	Grulla, Homozygous Black Gene, Tobiano
0.0371	Grulla, Tobiano
0.0186	Grulla, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Grulla, Homozygous Frame (Lethal) Overo
0.0371	Grulla, Homozygous Black Gene, Frame Overo
0.7070	Grulla, Frame Overo
0.0186	Grulla, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Grulla, Solid (No White Patterns)
0.0186	Classic Champagne Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Classic Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Classic Champagne Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Classic Champagne Roan, Tobiano + Frame Overo
0.0186	Classic Champagne Roan, Homozygous Black Gene, Tobiano
0.3535	Classic Champagne Roan, Tobiano
0.0010	Classic Champagne Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Classic Champagne Roan, Homozygous Frame (Lethal) Overo
0.0020	Classic Champagne Roan, Homozygous Black Gene, Frame Overo
0.0742	Classic Champagne Roan, Frame Overo
0.0010	Classic Champagne Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Classic Champagne Roan, Solid (No White Patterns)

% Chance	Foal's Phenotype Color and White Pattern Combinations Possible
----------	--

0.3525	Classic Champagne, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Classic Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Classic Champagne, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Classic Champagne, Tobiano + Frame Overo
0.3525	Classic Champagne, Homozygous Black Gene, Tobiano
0.0371	Classic Champagne, Tobiano
0.0186	Classic Champagne, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Classic Champagne, Homozygous Frame (Lethal) Overo
0.0371	Classic Champagne, Homozygous Black Gene, Frame Overo
0.7070	Classic Champagne, Frame Overo
0.0186	Classic Champagne, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Classic Champagne, Solid (No White Patterns)
0.0186	Black (Blue) Roan, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.3535	Black (Blue) Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Black (Blue) Roan, Homozygous Black Gene, Tobiano + Frame Overo
0.7070	Black (Blue) Roan, Tobiano + Frame Overo
0.0186	Black (Blue) Roan, Homozygous Black Gene, Tobiano
0.3535	Black (Blue) Roan, Tobiano
0.0010	Black (Blue) Roan, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.0371	Black (Blue) Roan, Homozygous Frame (Lethal) Overo
0.0020	Black (Blue) Roan, Homozygous Black Gene, Frame Overo
0.0742	Black (Blue) Roan, Frame Overo
0.0010	Black (Blue) Roan, Homozygous Black Gene, Solid (No White Patterns)
0.0371	Black (Blue) Roan, Solid (No White Patterns)
0.3525	Black, Homozygous Black Gene, Tobiano + Homozygous Frame (Lethal) Overo
0.0371	Black, Tobiano + Homozygous Frame (Lethal) Overo
0.7051	Black, Homozygous Black Gene, Tobiano + Frame Overo
0.0742	Black, Tobiano + Frame Overo
0.3525	Black, Homozygous Black Gene, Tobiano
0.0371	Black, Tobiano
0.0186	Black, Homozygous Black Gene, Homozygous Frame (Lethal) Overo
0.3535	Black, Homozygous Frame (Lethal) Overo
0.0371	Black, Homozygous Black Gene, Frame Overo
0.7070	Black, Frame Overo
0.0186	Black, Homozygous Black Gene, Solid (No White Patterns)
0.3535	Black, Solid (No White Patterns)
0.0742	Gold Dun Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.1484	Gold Dun Champagne Roan, Tobiano + Frame Overo
0.0742	Gold Dun Champagne Roan, Tobiano
1.4102	Gold Dun Champagne Roan, Homozygous Frame (Lethal) Overo
2.8203	Gold Dun Champagne Roan, Frame Overo
1.4102	Gold Dun Champagne Roan, Solid (No White Patterns)

% Chance	Foal's Phenotype Color and White Pattern Combinations Possible
----------	--

0.0039	Gold Dun Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.0078	Gold Dun Champagne, Tobiano + Frame Overo
0.0039	Gold Dun Champagne, Tobiano
0.0742	Gold Dun Champagne, Homozygous Frame (Lethal) Overo
0.1484	Gold Dun Champagne, Frame Overo
0.0742	Gold Dun Champagne, Solid (No White Patterns)
0.0742	Red Dun Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.1484	Red Dun Roan, Tobiano + Frame Overo
0.0742	Red Dun Roan, Tobiano
1.4102	Red Dun Roan, Homozygous Frame (Lethal) Overo
2.8203	Red Dun Roan, Frame Overo
1.4102	Red Dun Roan, Solid (No White Patterns)
0.0039	Red Dun, Tobiano + Homozygous Frame (Lethal) Overo
0.0078	Red Dun, Tobiano + Frame Overo
0.0039	Red Dun, Tobiano
0.0742	Red Dun, Homozygous Frame (Lethal) Overo
0.1484	Red Dun, Frame Overo
0.0742	Red Dun, Solid (No White Patterns)
0.0742	Gold Champagne Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.1484	Gold Champagne Roan, Tobiano + Frame Overo
0.0742	Gold Champagne Roan, Tobiano
1.4102	Gold Champagne Roan, Homozygous Frame (Lethal) Overo
2.8203	Gold Champagne Roan, Frame Overo
1.4102	Gold Champagne Roan, Solid (No White Patterns)
0.0039	Gold Champagne, Tobiano + Homozygous Frame (Lethal) Overo
0.0078	Gold Champagne, Tobiano + Frame Overo
0.0039	Gold Champagne, Tobiano
0.0742	Gold Champagne, Homozygous Frame (Lethal) Overo
0.1484	Gold Champagne, Frame Overo
0.0742	Gold Champagne, Solid (No White Patterns)
0.0742	Sorrel/Chestnut (Red) Roan, Tobiano + Homozygous Frame (Lethal) Overo
0.1484	Sorrel/Chestnut (Red) Roan, Tobiano + Frame Overo
0.0742	Sorrel/Chestnut (Red) Roan, Tobiano
1.4102	Sorrel/Chestnut (Red) Roan, Homozygous Frame (Lethal) Overo
2.8203	Sorrel/Chestnut (Red) Roan, Frame Overo
1.4102	Sorrel/Chestnut (Red) Roan, Solid (No White Patterns)
0.0039	Sorrel/Chestnut, Tobiano + Homozygous Frame (Lethal) Overo
0.0078	Sorrel/Chestnut, Tobiano + Frame Overo
0.0039	Sorrel/Chestnut, Tobiano
0.0742	Sorrel/Chestnut, Homozygous Frame (Lethal) Overo
0.1484	Sorrel/Chestnut, Frame Overo
0.0742	Sorrel/Chestnut, Solid (No White Patterns)

FOAL : Year Due: Sire: Dam:

% Chance Foal's Phenotype Color and White Pattern Combinations Possible

100.0000 with 336 potential Foal Phenotype Color and White Pattern Combinations Possible

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
0.0781	E/E A/At D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Brown agouti)
0.0781	E/E A/a D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e A/At D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
1.4844	E/e A/At D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
0.0781	E/e A/a D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e A/a D/d Ch/ch R/r	Amber Dun Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E A/At D/d Ch/ch	Amber Dun Champagne	Bay-based (homozygous Black extension) (carrying Brown agouti)
1.4844	E/E A/a D/d Ch/ch	Amber Dun Champagne	Bay-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e A/At D/d Ch/ch	Amber Dun Champagne	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
0.0781	E/e A/At D/d Ch/ch	Amber Dun Champagne	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
1.4844	E/e A/a D/d Ch/ch	Amber Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e A/a D/d Ch/ch	Amber Dun Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E A/At D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Brown agouti)
0.0781	E/E A/a D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e A/At D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
1.4844	E/e A/At D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
0.0781	E/e A/a D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e A/a D/d R/r	Bay Dun Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E A/At D/d	Bay Dun	Bay-based (homozygous Black extension) (carrying Brown agouti)
1.4844	E/E A/a D/d	Bay Dun	Bay-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e A/At D/d	Bay Dun	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
0.0781	E/e A/At D/d	Bay Dun	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
1.4844	E/e A/a D/d	Bay Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e A/a D/d	Bay Dun	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E A/At Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Brown agouti)

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
0.0781	E/E A/a Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e A/At Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
1.4844	E/e A/At Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
0.0781	E/e A/a Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e A/a Ch/ch R/r	Amber Champagne Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E A/At Ch/ch	Amber Champagne	Bay-based (homozygous Black extension) (carrying Brown agouti)
1.4844	E/E A/a Ch/ch	Amber Champagne	Bay-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e A/At Ch/ch	Amber Champagne	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
0.0781	E/e A/At Ch/ch	Amber Champagne	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
1.4844	E/e A/a Ch/ch	Amber Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e A/a Ch/ch	Amber Champagne	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E A/At R/r	Bay Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Brown agouti)
0.0781	E/E A/a R/r	Bay Roan (R from Sire)	Bay-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e A/At R/r	Bay Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
1.4844	E/e A/At R/r	Bay Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
0.0781	E/e A/a R/r	Bay Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e A/a R/r	Bay Roan (R from Sire)	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E A/At	Bay	Bay-based (homozygous Black extension) (carrying Brown agouti)
1.4844	E/E A/a	Bay	Bay-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e A/At	Bay	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Sire)
0.0781	E/e A/At	Bay	Bay-based (carrying Red extension) (carrying Brown agouti) (E from Dam)
1.4844	E/e A/a	Bay	Bay-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e A/a	Bay	Bay-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E At/a D/d Ch/ch R/r	Sable Dun Champagne Roan (R from Sire)	Brown-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e At/a D/d Ch/ch R/r	Sable Dun Champagne Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
1.4844	E/e At/a D/d Ch/ch R/r	Sable Dun Champagne Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E At/a D/d Ch/ch	Sable Dun Champagne	Brown-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e At/a D/d Ch/ch	Sable Dun Champagne	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e At/a D/d Ch/ch	Sable Dun Champagne	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E At/a D/d R/r	Brown Dun Roan (R from Sire)	Brown-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e At/a D/d R/r	Brown Dun Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e At/a D/d R/r	Brown Dun Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E At/a D/d	Brown Dun	Brown-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e At/a D/d	Brown Dun	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e At/a D/d	Brown Dun	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E At/a Ch/ch R/r	Sable Champagne Roan (R from Sire)	Brown-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e At/a Ch/ch R/r	Sable Champagne Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e At/a Ch/ch R/r	Sable Champagne Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E At/a Ch/ch	Sable Champagne	Brown-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e At/a Ch/ch	Sable Champagne	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e At/a Ch/ch	Sable Champagne	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E At/a R/r	Brown Roan (R from Sire)	Brown-based (homozygous Black extension) (carrying Black agouti)
0.0781	E/e At/a R/r	Brown Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
1.4844	E/e At/a R/r	Brown Roan (R from Sire)	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
1.4844	E/E At/a	Brown	Brown-based (homozygous Black extension) (carrying Black agouti)
1.4844	E/e At/a	Brown	Brown-based (carrying Red extension) (carrying Black agouti) (E from Sire)
0.0781	E/e At/a	Brown	Brown-based (carrying Red extension) (carrying Black agouti) (E from Dam)
0.0781	E/E a/a D/d Ch/ch R/r	Classic Grulla Champagne Roan (R from Sire)	Black-based (homozygous Black extension) (only Black agouti)
0.0781	E/e a/a D/d Ch/ch R/r	Classic Grulla Champagne Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
1.4844	E/e a/a D/d Ch/ch R/r	Classic Grulla Champagne Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Dam)

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
1.4844	E/E a/a D/d Ch/ch	Classic Grulla Champagne	Black-based (homozygous Black extension) (only Black agouti)
1.4844	E/e a/a D/d Ch/ch	Classic Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
0.0781	E/e a/a D/d Ch/ch	Classic Grulla Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
0.0781	E/E a/a D/d R/r	Grulla Roan (R from Sire)	Black-based (homozygous Black extension) (only Black agouti)
0.0781	E/e a/a D/d R/r	Grulla Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
1.4844	E/e a/a D/d R/r	Grulla Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
1.4844	E/E a/a D/d	Grulla	Black-based (homozygous Black extension) (only Black agouti)
1.4844	E/e a/a D/d	Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
0.0781	E/e a/a D/d	Grulla	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
0.0781	E/E a/a Ch/ch R/r	Classic Champagne Roan (R from Sire)	Black-based (homozygous Black extension) (only Black agouti)
0.0781	E/e a/a Ch/ch R/r	Classic Champagne Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
1.4844	E/e a/a Ch/ch R/r	Classic Champagne Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
1.4844	E/E a/a Ch/ch	Classic Champagne	Black-based (homozygous Black extension) (only Black agouti)
1.4844	E/e a/a Ch/ch	Classic Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
0.0781	E/e a/a Ch/ch	Classic Champagne	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
0.0781	E/E a/a R/r	Black (Blue) Roan (R from Sire)	Black-based (homozygous Black extension) (only Black agouti)
0.0781	E/e a/a R/r	Black (Blue) Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
1.4844	E/e a/a R/r	Black (Blue) Roan (R from Sire)	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
1.4844	E/E a/a	Black	Black-based (homozygous Black extension) (only Black agouti)
1.4844	E/e a/a	Black	Black-based (carrying Red extension) (only Black agouti) (E from Sire)
0.0781	E/e a/a	Black	Black-based (carrying Red extension) (only Black agouti) (E from Dam)
1.4844	e/e A/At D/d Ch/ch R/r	Gold Dun Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
1.4844	e/e A/a D/d Ch/ch R/r	Gold Dun Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
1.4844	e/e At/a D/d Ch/ch R/r	Gold Dun Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
1.4844	e/e a/a D/d Ch/ch R/r	Gold Dun Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
0.0781	e/e A/At D/d Ch/ch	Gold Dun Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
0.0781	e/e A/a D/d Ch/ch	Gold Dun Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
0.0781	e/e At/a D/d Ch/ch	Gold Dun Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
0.0781	e/e a/a D/d Ch/ch	Gold Dun Champagne	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
1.4844	e/e A/At D/d R/r	Red Dun Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
1.4844	e/e A/a D/d R/r	Red Dun Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
1.4844	e/e At/a D/d R/r	Red Dun Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
1.4844	e/e a/a D/d R/r	Red Dun Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
0.0781	e/e A/At D/d	Red Dun	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
0.0781	e/e A/a D/d	Red Dun	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
0.0781	e/e At/a D/d	Red Dun	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
0.0781	e/e a/a D/d	Red Dun	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
1.4844	e/e A/At Ch/ch R/r	Gold Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
1.4844	e/e A/a Ch/ch R/r	Gold Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
1.4844	e/e At/a Ch/ch R/r	Gold Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
1.4844	e/e a/a Ch/ch R/r	Gold Champagne Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
0.0781	e/e A/At Ch/ch	Gold Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
0.0781	e/e A/a Ch/ch	Gold Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
0.0781	e/e At/a Ch/ch	Gold Champagne	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
0.0781	e/e a/a Ch/ch	Gold Champagne	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
1.4844	e/e A/At R/r	Sorrel/Chestnut (Red) Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)
1.4844	e/e A/a R/r	Sorrel/Chestnut (Red) Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
1.4844	e/e At/a R/r	Sorrel/Chestnut (Red) Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
1.4844	e/e a/a R/r	Sorrel/Chestnut (Red) Roan (R from Sire)	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)
0.0781	e/e A/At	Sorrel/Chestnut	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Brown agouti)

FOAL : Year Due: Sire: Dam:

% Chance	Foal's Genotypes	Color Combinations Possible and Details	Base Coat and Details
0.0781	e/e A/a	Sorrel/Chestnut	Sorrel/Chestnut-based (only Red extension) (carrying Bay/Black agouti)
0.0781	e/e At/a	Sorrel/Chestnut	Sorrel/Chestnut-based (only Red extension) (carrying Brown/Black agouti)
0.0781	e/e a/a	Sorrel/Chestnut	Sorrel/Chestnut-based (only Red extension) (carrying only Black agouti)

100.0000 with 128 potential Foal Genotype Color Combinations Possible

% Chance	Foal's Genotypes	White Pattern/Color Combinations Possible and Details
5.9375	T/t O/O	Tobiano + Homozygous Frame (Lethal) Overo (T from Dam) (on E/E base coat)
0.3125	T/t O/O	Tobiano + Homozygous Frame (Lethal) Overo (T from Dam) (on E/e base coat, E from Sire)
5.9375	T/t O/O	Tobiano + Homozygous Frame (Lethal) Overo (T from Dam) (on E/e base coat, E from Dam)
0.3125	T/t O/O	Tobiano + Homozygous Frame (Lethal) Overo (T from Dam) (on e/e base coat)
11.8750	T/t O/o	Tobiano + Frame Overo (T from Dam) (on E/E base coat)
0.6250	T/t O/o	Tobiano + Frame Overo (T from Dam) (on E/e base coat, E from Sire)
11.8750	T/t O/o	Tobiano + Frame Overo (T from Dam) (on E/e base coat, E from Dam)
0.6250	T/t O/o	Tobiano + Frame Overo (T from Dam) (on e/e base coat)
5.9375	T/t	Tobiano (T from Dam) (on E/E base coat)
0.3125	T/t	Tobiano (T from Dam) (on E/e base coat, E from Sire)
5.9375	T/t	Tobiano (T from Dam) (on E/e base coat, E from Dam)
0.3125	T/t	Tobiano (T from Dam) (on e/e base coat)
0.3125	O/O	Homozygous Frame (Lethal) Overo (on E/E base coat)
5.9375	O/O	Homozygous Frame (Lethal) Overo (on E/e base coat, E from Sire)
0.3125	O/O	Homozygous Frame (Lethal) Overo (on E/e base coat, E from Dam)
5.9375	O/O	Homozygous Frame (Lethal) Overo (on e/e base coat)
0.6250	O/o	Frame Overo (on E/E base coat)
11.8750	O/o	Frame Overo (on E/e base coat, E from Sire)
0.6250	O/o	Frame Overo (on E/e base coat, E from Dam)
11.8750	O/o	Frame Overo (on e/e base coat)
0.3125		Solid (No White Patterns) (on E/E base coat)
5.9375		Solid (No White Patterns) (on E/e base coat, E from Sire)
0.3125		Solid (No White Patterns) (on E/e base coat, E from Dam)
5.9375		Solid (No White Patterns) (on e/e base coat)

100.0000 with 24 potential Foal Genotype White Pattern/Color Combinations Possible