



Producing Blue Roans

	Blue Roan (Homo Black)	Blue Roan (Hetero Black)	Black (Homozygous)	Black (Heterozygous)	White (Homo Black)	White (Hetero Black)	Red Roan	Red	White (Red)
Blue Roan (Homo Black)	25% Black 50% Blue 25% White	25% Black 50% Blue 25% White	50% Blue 50% Black	50% Blue 50% Black	50% Blue 50% White	50% Blue 50% White	25% Black 50% Blue 25% White	50% Blue 50% Black	50% White 50% Blue
Blue Roan (Hetero Black)	25% Black 50% Blue 25% White	37.5% Blue 62.5% Others	50% Blue 50% Black	37.5% Blue 62.5% Others	50% Blue 50% White	25% Blue 75% Others	25% Blue 75% Others	25% Blue 75% Others	25% Blue 75% Others
Black (Homozygous)	50% Blue 50% Black	50% Blue 50% Black	—	—	Blue	Blue	50% Blue 50% Black	—	Blue
Black (Heterozygous)	50% Blue 50% Black	37.5% Blue 62.5% Others	—	—	Blue	75% Blue 25% Red Roan	25% Blue 25% Black 50% Red	—	Blue
White (Homo Black)	50% Blue 50% White	50% Blue 50% White	Blue	Blue	—	—	50% Roan 50% Blue	50% Blue 50% Roan	—
White (Hetero Black)	50% Blue 50% White	25% Blue 75% Others	Blue	75% Blue 25% Red Roan	—	—	25% Blue 75% Others	50% Blue 50% Roan	—
Red Roan	25% Black 50% Blue 25% White	25% Blue 75% Others	50% Blue 50% Black	25% Blue 25% Black 50% Red	50% Roan 50% Blue	25% Blue 75% Others	—	—	—
Red	50% Blue 50% Black	25% Blue 75% Others	—	—	50% Blue 50% Roan	50% Blue 50% Roan	—	—	—
White (Red)	50% White 50% Blue	25% Blue 75% Others	Blue	Blue	—	—	—	—	—

“Others” include roan, solid red/white, white, and other color other than blue for combinations with too many potential colors to fit.