

Build A Calf



Instructions: Flip a coin to determine what genes your calf will have. A flip of heads is for the dominant trait (uppercase letter). A flip of tails is for the recessive trait (lowercase letter). Continuing flipping the coin until all the boxes have been completed. Then match your answers to the possible outcomes to determine your calf's genetics and fill in the blanks to describe your calf. Repeat instructions for Calf 2.

Calf 1

	Mother's Trait	Father's Trait	Possible Outcomes		
Male/Female Y or X	X		Male YX	Female XX	n/a
Polled/Horned P or p			Polled PP	Polled Pp	Horned pp
Black Coat/Red Coat B or b			Black Coat BB	Black Coat Bb	Red Coat bb
Face Color Matches Coat Color/White Face Color F or f			Solid FF	Solid Ff	White ff

My calf is: _____, _____, _____, _____.
male/female polled/horned black/red solid faced/white faced

Calf 2

	Mother's Trait	Father's Trait	Possible Outcomes		
Male/Female Y or X	X		Male XY	Female XX	n/a
Polled/Horned P or p			Polled PP	Polled Pp	Horned pp
Black Coat/Red Coat B or b			Black Coat BB	Black Coat Bb	Red Coat bb
Face Color Matches Coat Color/White Face Color F or f			Solid FF	Solid Ff	White ff

My calf is: _____, _____, _____, _____.
male/female polled/horned black/red solid faced/white faced

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Breed: Angus



Breed: Red Angus



Breed: Horned Hereford



Breed: Black-White Faced (Baldie)

Mother's Traits	Dominate Trait	Recessive Trait
Male/Female	X = Female	X = Female
Polled/Horned	P = Polled	p = Horned
Black Coat/Red Coat	B = Black Coat	b = Red Coat
Face Color Matches Coat Color/White Face Color	F = Solid Color Face	f = White Face Color

Father's Traits	Dominate Trait	Recessive Trait
Male/Female	Y = Male	X = Female
Polled/Horned	P = Polled	p = Horned
Black Coat/Red Coat	B = Black Coat	b = Red Coat
Face Color Matches Coat Color/White Face Color	F = Solid Color Face	f = White Face Color