



**Directions:**

Flip the coin to determine what genes your offspring will carry. Match the genetic traits each parent will pass on to his/her offspring by recording the uppercase or lowercase letter from the coin in the chart provided for you.

**Mother's Traits**

	Heads (Dominant)	Tails (Recessive)
<b>Male / Female</b>	X= female	X
<b>Polled / Horned</b>	P= Polled	p
<b>Black coat / Red coat</b>	B= black	b
<b>Solid coat / spotted coat</b>	S= spotted	s

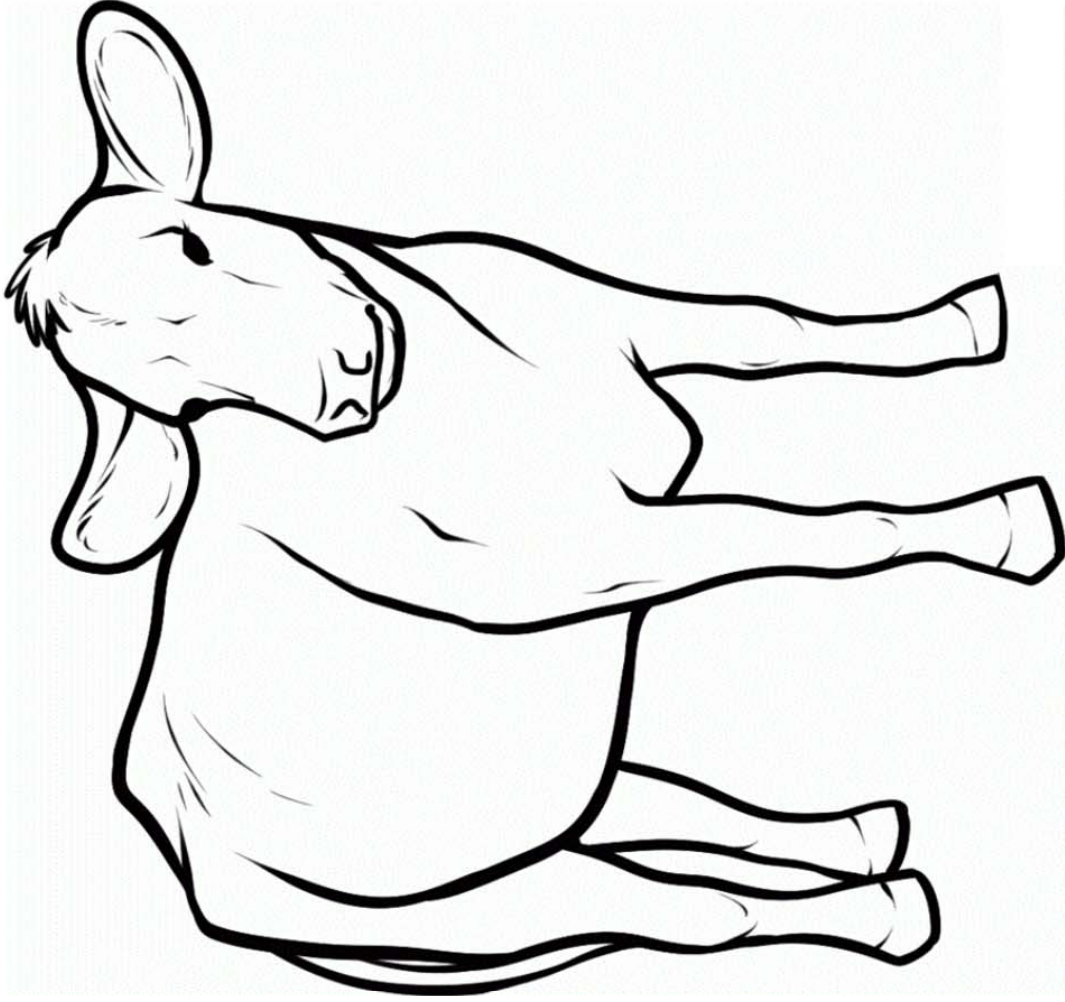
**Father's Traits**

	Heads (Dominant)	Tails (Recessive)
<b>Male / Female</b>	X	Y= Male
<b>Polled / Horned</b>	P	p
<b>Black coat / Red coat</b>	B	B
<b>Solid coat / spotted coat</b>	S	s

**Traits of Offspring**

	Mother's Trait	Father's Trait	Circle the Inherited Trait		
Sample Trait	R	r	RR	<b>Rr</b>	rr
<b>Male / Female</b>			Male XY	Female XX	n/a
<b>Polled / Horned</b>			Polled PP	Polled Pp	Horned pp
<b>Black coat / Red coat</b>			Black Coat BB	Black Coat Bb	Red Coat bb
<b>Solid coat / spotted coat</b>			Solid SS	Solid Ss	Spotted ss

**CONGRATULATIONS!**



**You, Farmer \_\_\_\_\_, have**

**successfully bred a \_\_\_\_\_**

**breed beef calf named**

**\_\_\_\_\_.**