

Parent with genotype KB/k^y (eumelanin - black unless altered)

Parent with genotype k^{br}/k^y

	<p>KB</p> <p>KB/ KB (Fixed for KB) is dominant for eumelanin (usually black)</p>	<p>k^y</p>
<p>k^{br}</p> <p>Difficult to test, can be determined phenotype (Brindle is a duplication and recombination of KB + Ku)</p>	<p>KB/k^{br}</p> <p>Brindle or brindle pointed or e/e yellow</p>	<p>k^{br}/k^y</p> <p>Pups with K^{br} in the dominant position will show brindle striping over their yellow (tan) coat areas</p>
<p>k^y</p>	<p>KB/k^y</p> <p>Any pup with even one KB allele will have fur that shows solid eumelanin pigment (which can be diluted or altered to brown or grey)</p>	<p>k^y/k^y</p> <p>These pups will show off Agouti Locus directed patterns- sable, wolf pattern, black-and-tan, or recessive black- unless the extension locus interferes</p>