

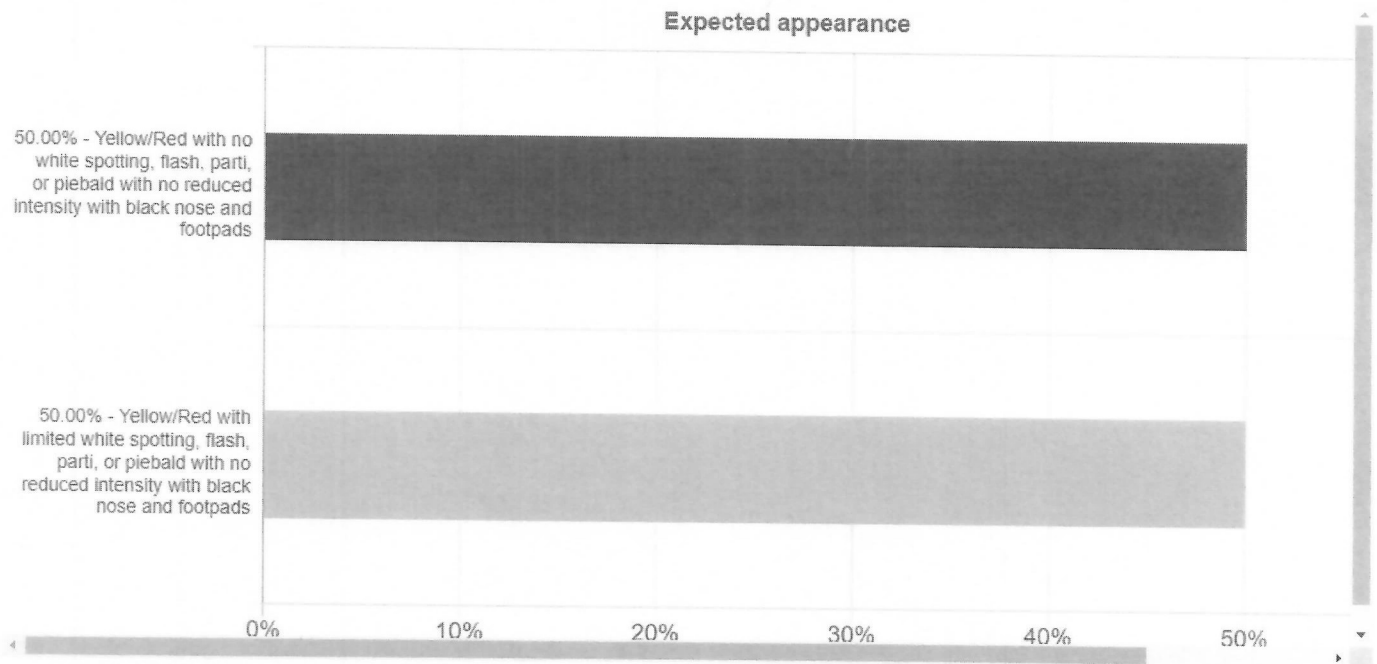
12.50% - a/a B/B e/e I/I K<sup>B</sup>/k<sup>y</sup> S/S - Yellow/Red with no white spotting, flash, parti, or piebald with no reduced intensity with black nose and footpads

12.50% - a/a B/B e/e I/I K<sup>B</sup>/k<sup>y</sup> S/s<sup>p</sup> - Yellow/Red with limited white spotting, flash, parti, or piebald with no reduced intensity with black nose and footpads

6.25% - a/a B/b e/e I/I K<sup>B</sup>/K<sup>B</sup> S/s<sup>p</sup> - Yellow/Red with limited white spotting, flash, parti, or piebald with no reduced intensity with black nose and footpads

6.25% - a/a B/B e/e I/I K<sup>B</sup>/K<sup>B</sup> S/S - Yellow/Red with no white spotting, flash, parti, or piebald with no reduced intensity with black nose and

**Disclaimer: Colors may be dependent or influenced by other loci such as A, K, B, D, E and others**



## Resources

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## Coat Color and Trait Calculator

### Instructions:

Enter the known or proposed genotypes for the dam and sire for up to 6 different coat colors or traits.

The genotypes for both the dam and the sire must be chosen if the defaults are not to be used.

If the breed of dog you are testing is either French Bulldog, Afghan Hound, or Great Dane, the "Breed" dropdown will add tests that are only applicable for those breeds and their close relatives.

Breed: <span>Other</span> <span>Leah</span> <span>Rotolo / Leo</span>		
Test:	Dam:	Sire:
<input checked="" type="checkbox"/> <b>Agouti (A locus)</b> <small>Test details (/products/panels/details/140/)</small>	<span>a/a</span>	<span>a/a</span>
<input type="checkbox"/> <b>A<sup>s</sup> locus (Saddle Tan)</b> <small>Test details (/products/tests/details/178/)</small>	<span>A<sup>s</sup>/A<sup>s</sup></span>	<span>A<sup>s</sup>/A<sup>s</sup></span>
<input checked="" type="checkbox"/> <b>B locus (Brown)</b> <small>Test details (/products/panels/details/139/)</small>	<span>B/b</span>	<span>B/B</span>
<input type="checkbox"/> <b>D locus (Dilute)</b> <small>Test details (/products/panels/details/242/)</small>	<span>D/D</span>	<span>D/D</span>
<input checked="" type="checkbox"/> <b>E locus (Apricot/Cream/Red/Yellow, Common Variant)</b> <small>Test details (/products/panels/details/310/)</small>	<span>e/e</span>	<span>e/e</span>
<input type="checkbox"/> <b>E<sup>m</sup> locus (Melanistic Mask)</b> <small>Test details (/products/panels/details/310/)</small>	<span>E<sup>m</sup>/E<sup>m</sup></span>	<span>E<sup>m</sup>/E<sup>m</sup></span>
<input checked="" type="checkbox"/> <b>I locus (Intensity)</b> <small>Test details (/products/tests/details/242/)</small>	<span>I/I</span>	<span>I/I</span>
<input checked="" type="checkbox"/> <b>K locus (Dominant Black)</b> <small>Test details (/products/tests/details/164/)</small>	<span>K<sup>B</sup>/k<sup>y</sup></span>	<span>K<sup>B</sup>/k<sup>y</sup></span>
<input type="checkbox"/> <b>M locus (Merle)</b> <small>Test details (/products/tests/details/171/)</small>	<span>m/m</span>	<span>m/m</span>
<input checked="" type="checkbox"/> <b>S locus (White Spotting, Parti, or Piebald)</b> <small>Test details (/products/tests/details/176/)</small>	<span>S/S</span>	<span>S/SP</span>
<input type="checkbox"/> <b>Cu Locus (Curly Hair)</b> <small>Test details (/products/tests/details/173/)</small>	<span>Cu<sup>c</sup>/Cu<sup>c</sup></span>	<span>Cu<sup>c</sup>/Cu<sup>c</sup></span>
<input type="checkbox"/> <b>IC Locus (Improper Coat/Furnishings)</b> <small>Test details (/products/tests/details/174/)</small>	<span>F/F</span>	<span>F/F</span>
<input type="checkbox"/> <b>L Locus (Long Hair/Fluffy) - Lh<sup>1</sup> (Common Variant)</b> <small>Test details (/products/tests/details/172/)</small>	<span>Sh/Sh</span>	<span>Sh/Sh</span>
<input type="checkbox"/> <b>SD Locus (Shedding)</b> <small>Test details (/products/tests/details/194/)</small>	<span>SD/SD</span>	<span>SD/SD</span>
<div> <div>Calculate</div> <div>Clear</div> </div>		

Results (probability - possible genotypes - interpretation):