FIGURE 1.33. William E. Castle showed the effect of selection on coat color through experiments on hooded rats. Instead of a 3:1 ratio, they demonstrated a graded series, caused by variation of expression of the hooded gene. (Top) Selection for white coat. (Bottom) Selection for dark coat.

1.33, Reproduced from Castle W.E. et al., 1914, Piebald rats and selection/An experimental test of the effectiveness of selection and of the theory of gametic purity in Mendelian crosses, Plate 1 (facing p. 56), The Carnegie Institute of Washington, Washington, D.C., courtesy CSHL Library and Archives

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