Arvegang for farver hos Labrador Retriever

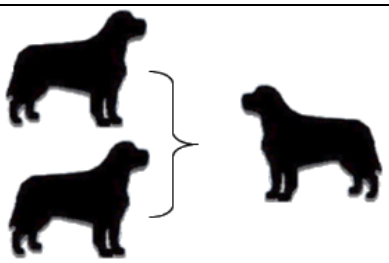
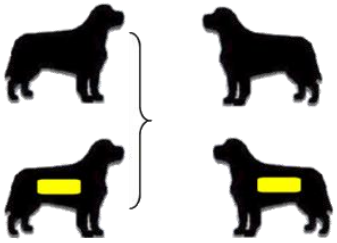
Nøgle:
BB = Sort Lab, ingen brune gener
Bb = Sort Lab, Bærer brune gener
bb = Brun Lab, ingen sorte gener

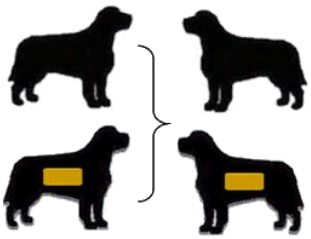
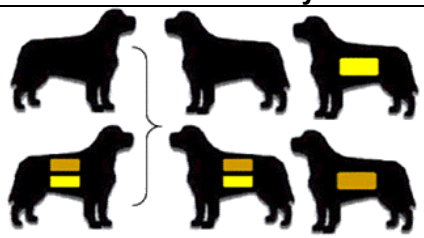
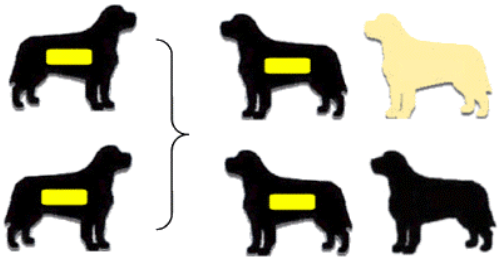
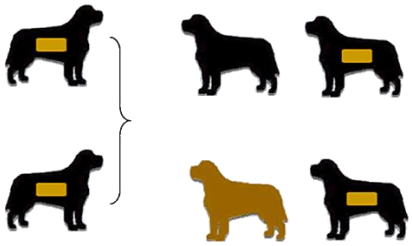
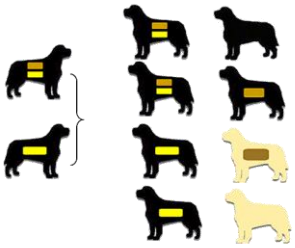
Gult fremkommer ved tilstedeværelse af et recessivt epistatic gen der dækker det sorte eller det brune gen.

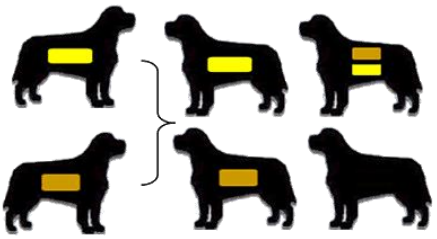
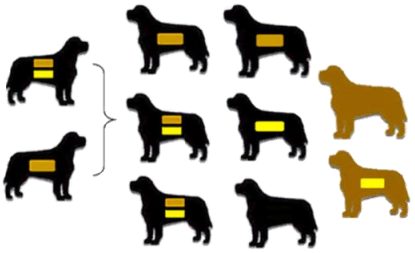
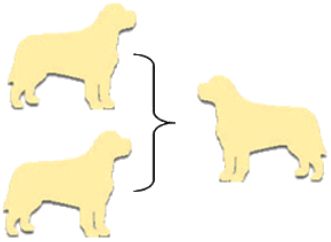
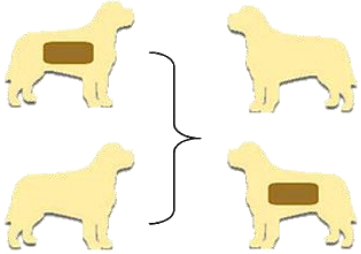
EE	=	Intet gult gen
Ee	=	Bærer gult men fremstår enten sort eller brun
ee	=	Gul Lab

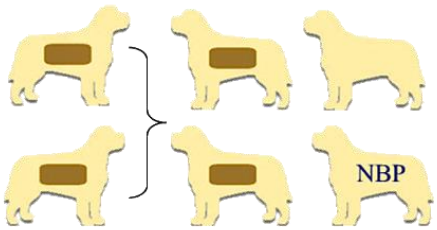
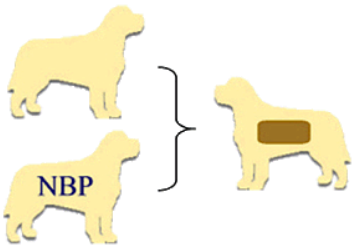
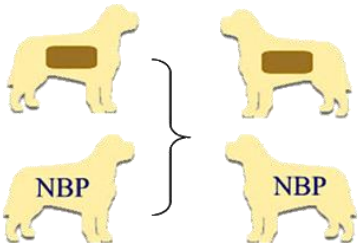
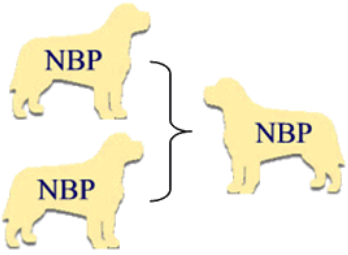
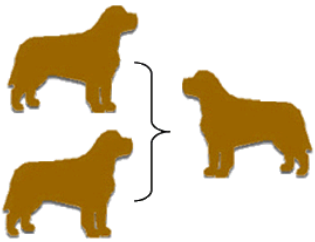
Så....

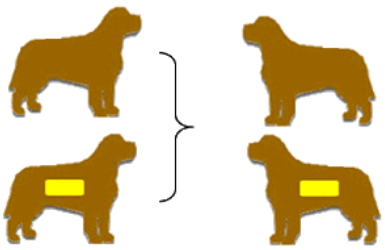
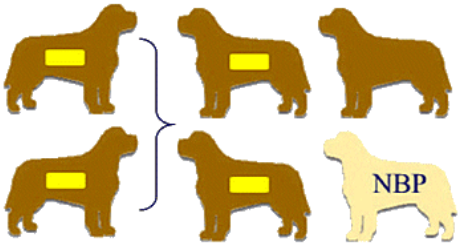
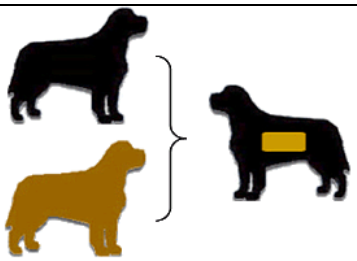
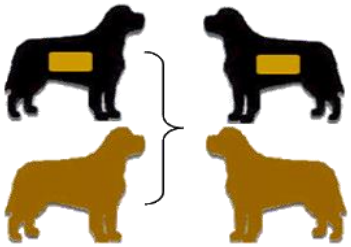
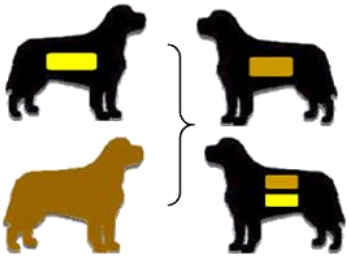
Genotype	Pelsfarve	Næse farve	Skjulte farver	Bogstavkode
EEBB	Sort	Sort	-	BB
EeBB	Sort	Sort	Gul	By
EEBb	Sort	Sort	Brun	Bc
EeBb	Sort	Sort	Gul + Brun	Byc
eeBB	Gul	Sort	Sort	Yy
eeBb	Gul	Sort	Sort + Brun	Yc
eebb	Gul	Brun	Brun	NBP
EEbb	Brun	Brun	-	CC
Eebb	Brun	Brun	Gul	Cy

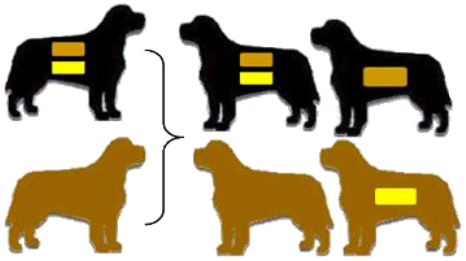
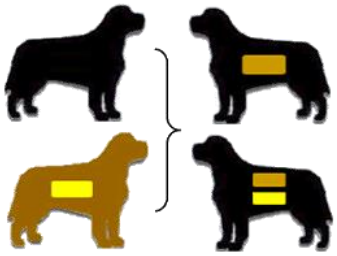
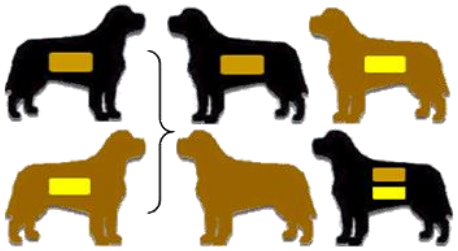
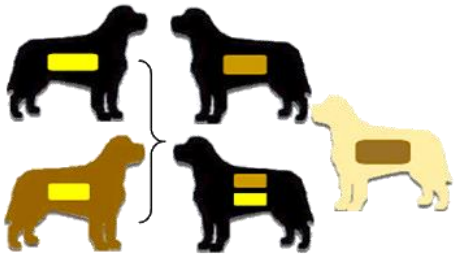
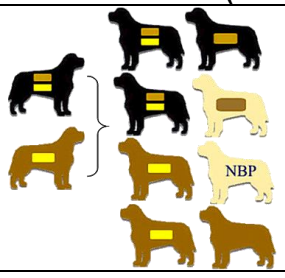
BB 	+	BB 	=	**100% BB** 
BB 	+	By 	=	**BB + By = 50% BB & 50% By** 

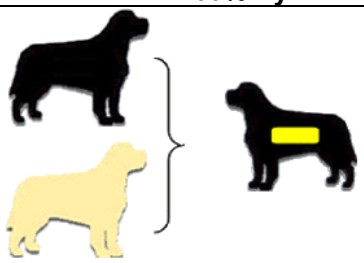
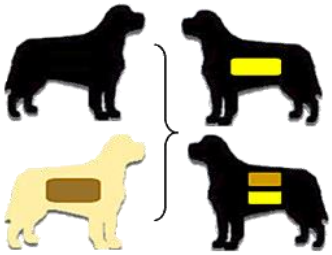
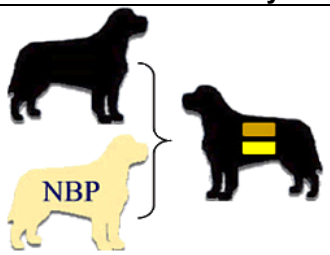
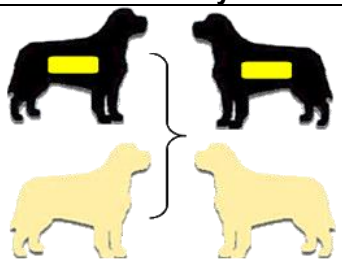
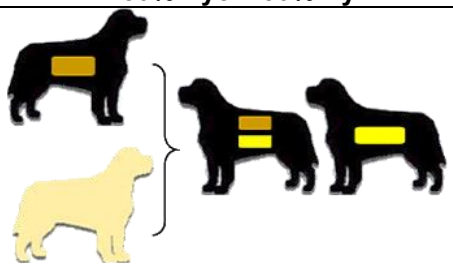
BB 	+	Bc 	=	50% BB + 50% Bc 
BB 	+	Byc 	=	25% BB + 25% Bc + 25% By + 25% Byc 
By 	+	By 	=	50% By + 25% BB + 25% Y 
Bc 	+	Bc 	=	25% BB + 50% Bc + 25% Cc 
Byc 	+	By 	=	12.5% BB + 12.5% Bc + 25% By + 25% Byc + 12.5% Yy + 12.5% Yc 

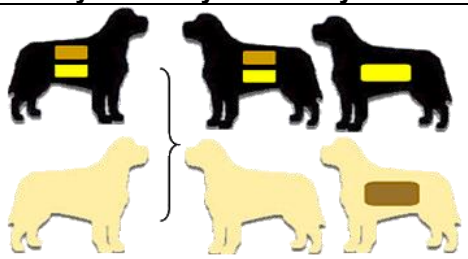
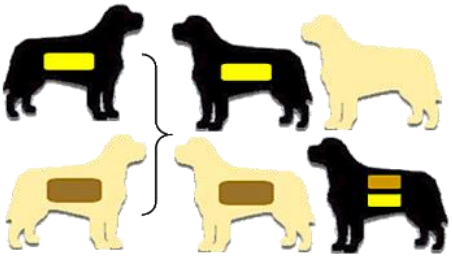
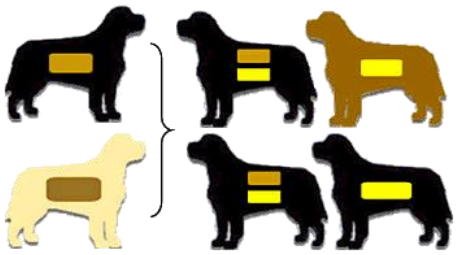
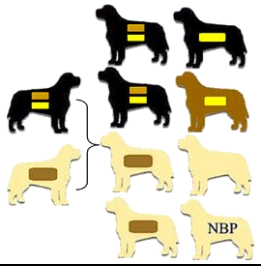
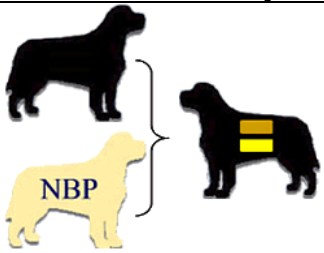
By 	+	Bc 	=	25% BB + 25% Bc + 25% By + 25% Byc 
Byc 	+	Byc 	=	25% Byc + 12.5% Bc + 12.5% By + 12.5% Cy + 12.5% Yc + 6,25% BB + 6,25% Cc + 6,25% Yy + 6,25% y(NBP) 
Byc 	+	Bc 	=	25% Bc + 25% Byc + 12.5%BB + 12.5% Cc + 12.5% Cy + 12.5% By 
Yy 	+	Yy 	=	100% Yy 
Yy 	+	Yc 	=	50% Yy + 50% Yc 

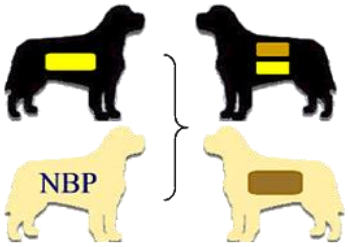
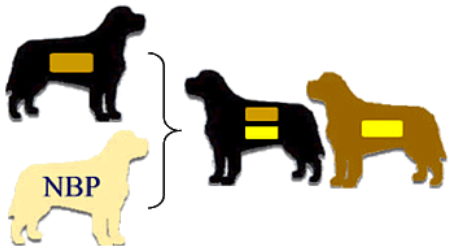
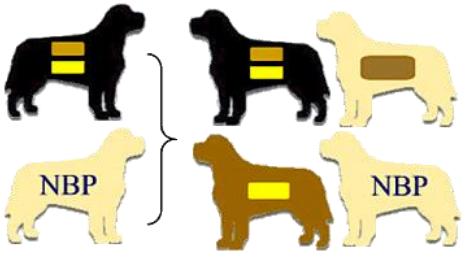
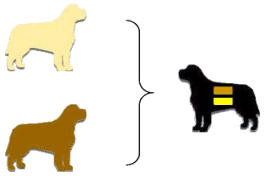
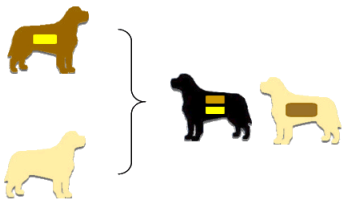
Yc 	+	Yc 	=	25% Yy + 50% Yc + 25% NBP 
Yy 	+	Y(NBP) 	=	100% Yc 
Yc 	+	Y(NBP) 	=	50%Yc + 50% NBP 
Y(NBP) 	+	Y(NBP) 	=	100% Y(NBP) 
Cc 	+	Cc 	=	100% Cc 

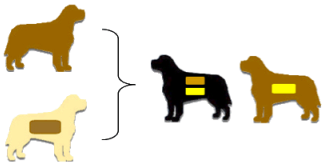
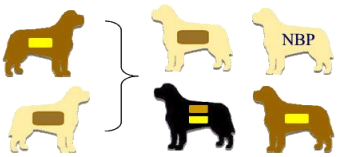
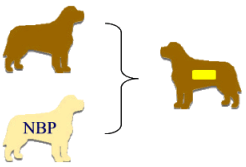
Cc 	+	Cy 	=	50% Cc + 50% Cy 
Cy 	+	Cy 	=	25% Cc + 50%Cy + 25% Y(NBP) 
BB 	+	Cc 	=	100% Bc 
Bc 	+	Cc 	=	50% Bc + 50% Cc 
By 	+	Cc 	=	50% Bc and 50% Byc 

By 	+	Cc 	=	25% Bc + 25% Cc + 25% Byc + 25% Cy 
Bb 	+	Cy 	=	50% Bc + 50% Byc 
Bc 	+	Cy 	=	25% Bc + 25% Byc + 25% Cc + 25% Cy 
By 	+	Cy 	=	25% Bc + 50% Byc + 25% Yc 
Byc 	+	Cy 	=	12.5% Bc + 12.5% Cc + 25% Byc + 25% Cy + 12.5% Yc + 12.5% Y(NBP) 

BB 	+	Yy 	=	100% By 
BB 	+	Yc 	=	50% By + 50% Byc 
BB 	+	Y (NBP) 	=	100% Byc 
By 	+	Yy 	=	50%By + 50%Y 
Bc 	+	Yy 	=	50% Byc + 50% By 

Byc 	+	Yy 	=	25% By + 25% Byc + 25% Yy + 25% Yc 
By 		Yc 		25% By + 25% Byc + 25% Y + 25% Yc 
Bc 	+	Yc 	=	25% By + 50% Byc + 25% Cy 
Byc 	+	Yc 	=	12.5% By + 12.5% Yy + 25%Byc + 25% Yc + 12.5% Cy + 12.5% Y(NBP) 
BB 	+	Y (NBP) 	=	100% Byc 

By 	+	Y (NBP) 	=	50% Byc + 50% Yc 
Bc 	+	Y (NBP) 	=	50% Byc and 50% Cy 
Byc 	+	Y (NBP) 	=	25% Byc + 25%Cy + 25% Yc + 25% Y (NBP) 
Yy 	+	Cc 	=	100% Byc 
Cy 	+	Yy 	=	50% Yc, and 50% Byc 

Cc 	+	Yc 	=	50% Byc and 50% Cy 
Cy 	+	Yc 	=	25% Byc + 25%Cy + 25% Yc + 25% Y (NBP) 
Cc 	+	Y (NBP) 	=	100% Cy 
Cy 	+	Y (NBP) 	=	50% Cy + 50% Y (NBP)