

i Activity #3 Extension (EA#3)

Scenario ①

X-Rec	Auto-Dom
Anna (Normal)	Jackson (Deaf)
○	▣
A/- b/b	A/Y B/b

X-Rec
Aff Nor
a/a A/-
a/Y A/Y

Auto-Dom
Aff Nor
B/- b/b

①.1 A/a b/b x A/Y B/b

Anna
Carrier

	(AB)	(Ab)	(YB)	(Yb)
(Ab)	[AAB/b]	AA b/b	[AYB/b]	AY b/b
	<small>deaf</small>		<small>deaf</small>	
(ab)	[AaB/b]	Aa b/b	[aYB/b]	aY b/b
	<small>deaf</small>		<small>deaf deaf</small>	<small>deaf</small>

P(Deaf in all) = 5/8
 P(Deaf in ♀) = 2/4
 P(Deaf in ♂) = 3/4

①.2 A/A b/b x A/Y B/b

Anne
Homo
normal
(not carrier)

	(AB)	(Ab)	(YB)	(Yb)
(Ab)	[AAB/b]	AA b/b	[AYB/b]	AY b/b
	<small>deaf</small>		<small>deaf</small>	

P(Deaf in all) = 2/4
 P(Deaf in ♀) = 1/2
 P(Deaf in ♂) = 1/2