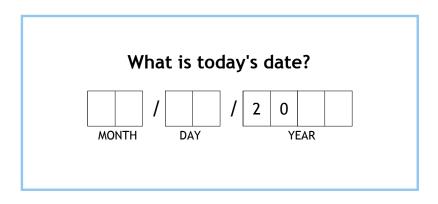


Your continued participation in the Sister Study is completely voluntary and greatly appreciated. All information you share will be kept confidential. If you are not comfortable answering a question, just skip it and go to the next one. If you do not know the answer to a question, please mark the bubble that says "Don't know."

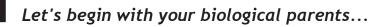
• Please provide information for biological relatives only—that is those relatives related to you by blood, not by marriage or adoption.



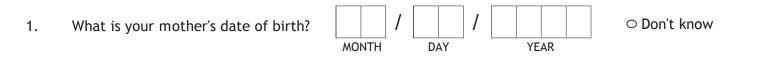
We estimate the time to complete this questionnaire to be about 20 minutes. Please call us toll free at 877-4SISTER (877-474-7837) if you need help.

U.S. Department of Health and Human Services / National Institutes of Health / National Institute of Environmental Health Sciences





## **BIOLOGICAL MOTHER**



#### 2. Is your mother still alive?

○ Yes	$\rightarrow$	3.	What is your mother's age?	AGE	○ Don't know
○ No	$\rightarrow$	4.	How old was she when she died?	AGE	○ Don't know
		5.	What year did she die?	YEAR	⊖ Don't know

 $\odot$  Don't know

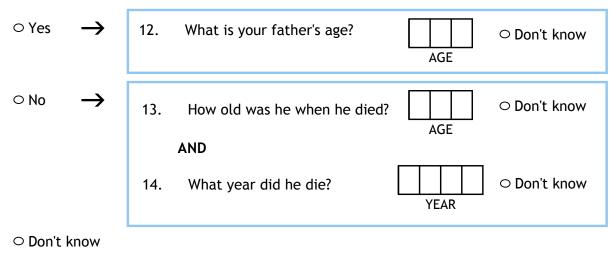
	as your mother <i>ever</i> Ignosed with	NO	YES	When was your mother <u>first</u> diagnosed? If you are not sure, please give your best guess for her age.
6.	breast cancer?	○ No ○ Don't know GO TO 8	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
7.	breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS
8.	ovarian cancer, fallopian tube cancer, or primary peritoneal cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
9.	pancreatic cancer?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS



## **BIOLOGICAL FATHER**



11. Is your father still alive?



Was your father <i>ever</i> diagnosed with	NO	YES	When was your father <u>first</u> diagnosed? If you are not sure, please give your best guess for his age.
15. breast cancer?	○ No ○ Don't know GO TO 17	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
16. breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
17. prostate cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
18. pancreatic cancer?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS



	BIOLOGICAL SISTERS (DO NOT INCLUDE YOURSELF)										
	Next we would li whom you share	at lea	•	-			-	with			
	SISTER #1										
19.	What is your oldes sister's date of birt										
20.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father Is this sister still alive?										
21.	$\circ$ Yes $\rightarrow$							1			
		22.	What is this sis	ter's age?	AGE	○ Don't k	know				
	$\circ No \rightarrow$	23.	How old was sh (If less than 1, wr		e died?	○ Don't k	know				
			AND								
	○ Don't know	24.	What year did	she die?	YEAI	⊂ Don't k	now				
	this sister <i>ever</i> nosed with		NO	YES		is sister <u>first</u> dia ease give your b	-				
25.	breast cancer?		○ No ○ Don't know GO TO 27	○ Yes	AGE OI	YEAR	<u> </u>	AGE: BEST GUESS			
26.	breast cancer in t other breast (at t same or a differen	he	○ No	○ Yes		<u>YEAR</u>	] <u>Or</u>	AGE:			
	time)?		○ Don't know		AGE			BEST GUESS			
27.	fallopian tube		○ No ○ Don't know	○ Yes	AGE OF	<u>YEAR</u>	] <u>or</u>	AGE: BEST GUESS			
28.	pancreatic cancer		○ No	⊖ Yes	AGE O	R YEAR	OR	AGE:			
			○ Don't know		AUL			BEST GUESS			

 $\odot$  Yes, identical (monozygotic)

 $\odot$  Yes, not identical (fraternal, dizygotic)

 $\odot$  Yes, don't know type

First name(s) of this sister's twin/multiples:



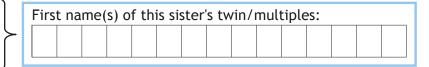
 $\circ$  No

	SISTER #2	What is your next	oldest (next	born) sister's first name?						
	$\circ$ l do not h	nave any more biologic	al sisters 🗕	→ GO TO QUESTION 107, PAGE 12						
30.	What is your next of sister's date of birt		MONTH /	DAY YEAR O Don't know						
31. 32.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father Is this sister still alive?									
	$\circ$ Yes $\rightarrow$ 33. What is this sister's age? $\square$ $\bigcirc$ Don't know AGE									
	o No →	34. How old was s (If less than 1, w AND		e died? ODon't know AGE						
	⊃ Don't know	35. What year dic	l she die?	YEAR O Don't know						
	this sister <i>ever</i> nosed with	NO	YES	When was this sister <u>first</u> diagnosed? <i>If you are not sure, please give your best guess for her age.</i>						
36.	breast cancer?	<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 38</li> </ul>	○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
37.	breast cancer in t other breast (at tl same or a differer time)?	he <sup>O</sup> No	○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
38.	ovarian cancer, fallopian tube cancer, or primary ○ Don't k peritoneal cancer?		○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
39.	pancreatic cancer	<ul><li>? ○ No</li><li>○ Don't know</li></ul>	○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
40.	ls/was this sister a	twin, triplet, or other	multiple?							

 $\odot$  Yes, identical (monozygotic)

- Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

 $\circ \mathrm{No}$ 





	SISTER #3	W	hat is your next o	ldest (next	born) sister's fi	rst name?					
	$\circ$ I do not h	nave a	ny more biologica	l sisters 🗕	GO TO QUES	STION 107, PAGE	12				
41.	What is your next of sister's date of birt			MONTH /	DAY	YEAR O D	on't know				
42.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father										
43.	Is this sister still al	ive?									
	<ul> <li>○ Yes →</li> <li>44. What is this sister's age?</li> <li>△ Don't know</li> <li>AGE</li> </ul>										
	$\circ No \rightarrow$	45.	How old was sh (If less than 1, wr AND		e died?	] ○ Don't kno	w				
	○ Don't know	46.	What year did	she die?	YEAR	○ Don't kno	W				
	this sister <i>ever</i> nosed with		NO	YES	When was this sister <u>first</u> diagnosed? <i>If you are not sure, please give your best guess for her age</i>						
47.	breast cancer?		○ No ○ Don't know GO TO 49	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
48.	breast cancer in the other breast (at the same or a different time)?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
49.	ovarian cancer, fallopian tube cancer, or primary peritoneal cancer?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
50.	pancreatic cancer	r?	○ No ○ Don't know	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
<b>F</b> 4											

○ Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

	First name(s) of this sister's twin/multiples:											
-												

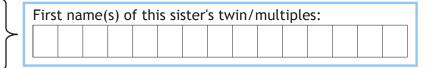


	SISTER #4 What is your next oldest (next born) sister's first name?										
	⊂ I do not h	nave a	ny more biologica	l sisters 🗕	→ GO TO QUES	STION 107, PAGE	E 12				
52.	What is your next of sister's date of birt			MONTH /	DAY	YEAR	Don't know				
53.	Is she your half or	full si	С	<ul> <li>Full, share both parents</li> <li>Half, share mother</li> <li>Half, share father</li> </ul>							
54.	Is this sister still al	ive?									
	○ Yes →	55.	What is this sis	ster's age?	AGE	] ○ Don't kn	ow				
	$\circ No \rightarrow$	56.	How old was sl (If less than 1, wi AND		e died? AGE	] ○ Don't kn	ow				
	○ Don't know	57.	What year did	she die?	YEAR	○ Don't kn	ow				
	this sister <i>ever</i> nosed with		NO	YES		-	nosed? If you are st guess for her age.				
58.	breast cancer?		○ No ○ Don't know GO TO 60	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
59.	breast cancer in the other breast (at the same or a different time)?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
60.	ovarian cancer, fallopian tube cancer, or primary peritoneal cancer? ○ No			○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				
61.	pancreatic cancer	r?	○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS				

○ Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

 $\odot$  No





	SISTER #5	W	hat is your next o	ldest (next	born) sister's fir	rst name?			
	$\circ$ I do not h	nave a	ny more biologica	l sisters 🗕	→ GO TO QUES	TION 107, PAGE	12		
63.	What is your next of sister's date of birt			MONTH /	DAY	YEAR O D	on't know		
64.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father								
65.	Is this sister still al	live?							
	○ Yes →	66.	What is this sis	ter's age?	AGE	] ○ Don't kno	w		
	o No →	67.	How old was sh (If less than 1, wi AND		e died?	] ○ Don't kno	w		
	⊃ Don't know	68.	What year did	she die?	YEAR	○ Don't kno	w		
	this sister <i>ever</i> nosed with		NO	YES	When was this sister <u>first</u> diagnosed? <i>If you are not sure, please give your best guess for her age</i> .				
69.	breast cancer?		○ No ○ Don't know GO TO 71	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS		
70.	breast cancer in the other breast (at the same or a different time)?		○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS		
71.	ovarian cancer, fallopian tube cancer, or primary peritoneal cancer?		○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS		
72.	pancreatic cancer	r?	○ No ○ Don't know	○ Yes	AGE OR	YEAR	OR AGE: BEST GUESS		

○ Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

First name(s) of this sister's twin/multiples:

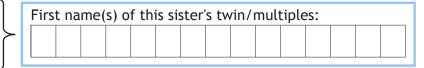


	SISTER #6	What is your next	oldest (next	t born) sister's first name?						
	⊂ I do not h	nave any more biologic	al sisters 🗕	$\rightarrow$ GO TO QUESTION 107, PAGE 12						
74.	What is your next of sister's date of birt	, , , , , , , , , , , , , , , , , , , ,	MONTH /	DAY YEAR ODon't know						
75.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father									
76.	Is this sister still al	ive?								
	$\circ$ Yes $\rightarrow$ 77. What is this sister's age? $\square$ $\circ$ Don't know AGE									
	$\circ$ No $\rightarrow$	78. How old was (If less than 1, w	was she when she died? Don't know <i>an 1, write 00)</i> AGE							
	○ Don't know	79. What year die	d she die?	YEAR O Don't know						
	this sister <i>ever</i> nosed with	NO	YES	When was this sister <u>first</u> diagnosed? <i>If you are not sure, please give your best guess for her age</i>	e.					
80.	breast cancer?	<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 82</li> </ul>	○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
81.	breast cancer in t other breast (at tl same or a differer time)?	he <sup>O</sup> No	○ Yes	AGE OR YEAR OR AGE: BEST GUESS						
82.	ovarian cancer, fallopian tube cancer, or primar peritoneal cancer	-	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS						
83.	pancreatic cancer	? ○ No ○ Don't know	⊖ Yes	AGE YEAR OR AGE: BEST GUESS						
84	ls/was this sistor a	twin triplet or othe	r multiplo?							

 $\odot$  Yes, identical (monozygotic)

- Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

 $\odot$  No



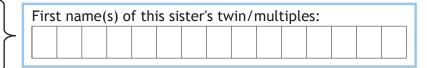


	SISTER #7	W	hat is your next o	ldest (next	born) sister	r's first n	ame?			
	⊂ I do not h	nave a	ny more biologica	l sisters 🗕	→ GO TO G	QUESTIO	N 107, PAG	E 12		
85.	What is your next of sister's date of birt		, , ,	MONTH /	DAY /	YEA		Don't	know	
86.	Is she your half or full sister? O Full, share both parents O Half, share mother O Half, share father									
87.	Is this sister still al	ive?								
	<ul> <li>○ Yes →</li> <li>88. What is this sister's age?</li> <li>AGE</li> <li>○ Don't know</li> </ul>									
	$\circ$ No $\rightarrow$	89.	How old was sl (If less than 1, wr AND			AGE	○ Don't k	now		
	○ Don't know	90.	What year did	she die?	Y	/EAR	○ Don't k	now		
	this sister <i>ever</i> nosed with		NO	YES	When was this sister <u>first</u> diagnosed? If you are not sure, please give your best guess for her a					
91.	breast cancer?		<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 93</li> </ul>	⊖ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS	
92.	breast cancer in the other breast (at the same or a different time)?		○ No ○ Don't know	○ Yes	AGE	OR	YEAR	<u>OR</u>	AGE: BEST GUESS	
93.			○ No ○ Don't know	○ Yes	AGE	OR	YEAR	<u>OR</u>	AGE: BEST GUESS	
94.	pancreatic cancer	-?	○ No ○ Don't know	○ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS	
95	ls/was this sister a	twin	triplet or other	multiple?						

 $\odot$  Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

 $\odot$  No





	SISTER #8	What is your no	ext oldest (ne>	t born) sister's firs	st name?				
	$\circ$ I do not h	ave any more biol	ogical sisters	ightarrow go to quest	TION 107, NEXT	PAGE			
96.	What is your next of sister's date of birt		MONTH /		YEAR O D	on't know			
97.	Is she your half or	full sister?	$\circ$ Half, sha						
98.	Is this sister still al	ive?	○ Half, sha						
	<ul> <li>○ Yes →</li> <li>99. What is this sister's age?</li> <li>AGE</li> <li>○ Don't know</li> </ul>								
	$\circ N_0 \rightarrow$	(If less tha	was she when s n 1, write 00)	he when she died? Don't know AGE					
	⊃ Don't know	AND 101. What year	<sup>-</sup> did she die?	YEAR	⊃ Don't kno	w			
	this sister <i>ever</i> nosed with	NO	YES		sister <u>first</u> diagn se give your best	osed? If you are guess for her age.			
102.	breast cancer?	○ No ○ Don't kno GO TO 10	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS			
103.	breast cancer in t other breast (at th same or a differer time)?	ne <sup>O</sup> No	⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS			
104.	4. ovarian cancer, fallopian tube ○ No cancer, or primary ○ Do peritoneal cancer?		⊖ Yes	AGE OR	YEAR	OR AGE: BEST GUESS			
105.	pancreatic cancer	?	⊖ Yes	AGE <u>OR</u>	YEAR	OR AGE: BEST GUESS			
106.	ls/was this sister a	twin, triplet, or o	ther multiple?						
	<ul> <li>○ Yes, identical (</li> <li>○ Yes, not identical</li> </ul>	monozygotic) cal (fraternal, dizy		rst name(s) of this	sister's twin/mu	ltiples:			

 $\odot$  Yes, don't know type

 $\circ$  No

If you have more than 8 sisters, please answer the same questions for



# **BIOLOGICAL BROTHERS**

	Now we would lik whom you share		•					s with
	$\circ$ I do not have a	ny biol	ogical brothers –	→ GO TO	QUESTION 162	, PAGE 17		
	What	is his	first name?					
	BROTHER #1							
107.	What is your oldes brother's date of b	•		MONTH	DAY /	YEAR	○ Don't	know
08.	Is he your half or f	ull bro	C	Full, share Half, share Half, share				
09.	Is this brother still	alive?		,,				
	○ Yes →	110.	What is this b	rother's age	?	] O Don't	know	
	$\circ_{No} \rightarrow$	111.	(If less than 1, v		died?	] O Don't	know	
		112.	<b>AND</b> What year did	he die?		○ Don't	know	
	○ Don't know				YEAR			
	this brother <i>ever</i> nosed with		NO	YES		s brother <u>first</u> d ase give your b	-	
113.	breast cancer?		○ No ○ Don't know GO TO 115	⊖ Yes	AGE OR	YEAR	] <u>OR</u>	AGE: BEST GUESS
114.	breast cancer in t other breast (at t same or a differe time)?	he	○ No ○ Don't know	○ Yes	AGE OR	YEAR	] <u>OR</u>	AGE: BEST GUESS
115.	prostate cancer?		○ No ○ Don't know	⊖ Yes	AGE OR	YEAR	] <u>OR</u>	AGE: BEST GUESS
116.	pancreatic cance	r?	○ No ○ Don't know	○ Yes	AGE OR	YEAR	<u>OR</u>	AGE: BEST GUESS
17.	ls/was this brother	<sup>r</sup> a twi	n, triplet, or othe	er multiple?				
	$\circ$ Yes, identical (	mono	zygotic)	Firs	t name(s) of th	is brother's twin	/multip	les:
	○ Yes, not identi	cal (fr	aternal, dizygotic	) > [				

 $\odot$  Yes, don't know type

60463

BROTHER #2 ○ I do not h					7
•		MONTH /	DAY		t know
Is he your half or t		⊃ Half, shar	e mother		
Is this brother still	alive?				
∘Yes →	121. What is this l	brother's age	e?	○ Don't know	
$\circ No \rightarrow$			died? AGE	○ Don't know	
○ Don't know	123. What year did	d he die?	YEAR	○ Don't know	
this brother <i>ever</i> nosed with	NO	YES			
breast cancer?	<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 126</li> </ul>	○ Yes	AGE OR	YEAR OF	AGE: BEST GUESS
other breast (at t	he <sup>O</sup> No	⊖ Yes	AGE OR	YEAR OR	AGE: BEST GUESS
prostate cancer?	○ No ○ Don't know	⊖ Yes	AGE OR	YEAR OF	AGE: BEST GUESS
pancreatic cancer	? ○ No ○ Don't know	○ Yes	AGE OR	YEAR O	AGE: BEST GUESS
	<ul> <li>○ I do not h</li> <li>What is your next of brother's date of b</li> <li>Is he your half or f</li> <li>Is this brother still</li> <li>○ Yes →</li> <li>○ No →</li> <li>○ Don't know</li> <li>this brother ever nosed with</li> <li>breast cancer?</li> <li>breast cancer in t other breast (at t i same or a different time)?</li> <li>prostate cancer?</li> </ul>	BROTHER #2       Image: Constraint of the second sec	BROTHER #2   ○ I do not have any more biological brothers   What is your next oldest (next born)   brother's date of birth?   Is he your half or full brother?   ○ Full, share   ○ Half, share   ○ Yes   →   121.   What is this brother still alive?   ○ Yes   →   122.   How old was he when here   (If less than 1, write 00)   AND   123.   What year did he die?   ○ Don't know   breast cancer?   ○ No   ○ Prest cancer in the other breast (at the same or a different time)?   Prostate cancer?   ○ No   ○ No   ○ No   ○ No   ○ No   ○ No   ○ Yes   ○ Don't know   Co To 126   ○ No   ○ No   ○ No   ○ No   ○ Yes   ○ Don't know   Co To 126   ○ No   ○ No   ○ Yes   ○ Don't know   Co To 126   ○ No   ○ No   ○ Yes   ○ Don't know   Co To 126   ○ No   ○ No   ○ Yes   ○ Don't know   Co To 126   ○ No   ○ No   ○ Yes   ○ Don't know   ○ No   ○ Yes   ○ Don't know   ○ No   ○ Yes   ○ Don't kno	BROTHER #2       Image: constraint of the second consecond consecond constraint of the second constraint	O I do not have any more biological brothers → GO TO QUESTION 162, PAGE 1   What is your next oldest (next born)  brother's date of birth? $ I = 1 / I = 1 / I = 1 / I = 0 Don'   YEAR   O Don'   YEAR   O Don't know   O Don't $

○ Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

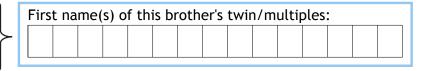
	First name(s) of this brother's twin/multiples:														
-															



	What is your next oldest (next born) brother's first name?											
	BROTHER #3											
	$\circ$ l do not h	nave any more biolog	ical brothers	ightarrow go to que	STION 162, PAGE	17						
129.	What is your next brother's date of b	oldest (next born) irth?	MONTH /	DAY	○ Don YEAR	't know						
130.	Is he your half or t	full brother?	<ul> <li>○ Full, share</li> <li>○ Half, share</li> <li>○ Half, share</li> </ul>									
131.	Is this brother still	alive?										
	○ Yes →	132. What is this	s brother's age	e?	○ Don't know							
	$\circ N_0 \rightarrow$	133. How old wa (If less than AND	s he when he 1, write 00)	e died?	○ Don't know							
	○ Don't know	134. What year d	id he die?	YEAR	○ Don't know							
	this brother <i>ever</i> nosed with	NO	YES		brother <u>first</u> diagno se give your best g							
135.	breast cancer?	○ No ○ Don't know GO TO 137		AGE OR	YEAR OI	AGE: BEST GUESS						
136.	breast cancer in t other breast (at t same or a differen time)?	he <sup>O</sup> No	⊖ Yes	AGE OR	YEAR OF	AGE: BEST GUESS						
137.	prostate cancer?	○ No ○ Don't know	⊖ Yes	AGE OR	YEAR OI	AGE: BEST GUESS						
138.	pancreatic cancer	-? ○ No ○ Don't know	⊖ Yes	AGE <u>OR</u>	YEAR O	R AGE: BEST GUESS						

 $\odot$  Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

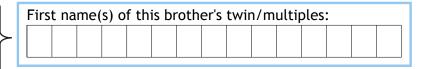




	BROTHER #4	What is your next	oldest (next	born) brother's f	first name?	
	$\circ$ l do not h	nave any more biologic	cal brothers	ightarrow go to que	STION 162, PAGE	17
140.	What is your next of b brother's date of b		MONTH /	DAY	○ Don YEAR	't know
141.	Is he your half or f		○ Full, share ○ Half, shar ○ Half, shar			
142.	Is this brother still	alive?				
	○ Yes →	143. What is this t	prother's age	?	⊂ Don't know	
	o No →	144. How old was (If less than 1, AND		died?	⊂ Don't know	
	⊃ Don't know	145. What year di	d he die?	YEAR	○ Don't know	
	this brother <i>ever</i> nosed with	NO	YES		brother <u>first</u> diagn se give your best g	
146.	breast cancer?	<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 148</li> </ul>	○ Yes	AGE OR	YEAR O	
147.	breast cancer in t other breast (at t same or a differen time)?	he <sup>O</sup> No	○ Yes	AGE <u>OR</u>	YEAR O	AGE: BEST GUESS
148.	prostate cancer?	○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR O	R AGE: BEST GUESS
149.	pancreatic cancer	r? ○ No ○ Don't know	○ Yes	AGE <u>OR</u>	YEAR C	AGE: BEST GUESS

 $\odot$  Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type





	BROTHER #5	W	hat is your next o	ldest (next	born) broth	er's first n	ame?		
			ny more biologica	l brothers					
						QUESTIO	N 102, NEX	IPA	GE
151.	What is your next of b brother's date of b				DAY	YEAR	○ De	on't l	know
152.	Is he your half or f	ull bro	0	Full, share Half, share Half, share		ts			
153.	Is this brother still	alive?		naci, share					
	o Yes →	154.	What is this br	other's age		AGE	⊖ Don't kno	ow	
	o No →	155.	How old was h (If less than 1, w AND			AGE	⊖ Don't kno	ow	
	○ Don't know	156.	What year did	he die?	Y	EAR	⊖ Don't kno	ow	
	this brother <i>ever</i> nosed with		NO	YES			-	-	ed? If you are ss for his age.
157.	breast cancer?		○ No ○ Don't know GO TO 159	⊖ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS
158.	breast cancer in t other breast (at t same or a differen time)?	he	○ No ○ Don't know	○ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS
159.	prostate cancer?		○ No ○ Don't know	○ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS
160.	pancreatic cancer	r?	○ No ○ Don't know	⊖ Yes	AGE	<u>OR</u>	YEAR	<u>OR</u>	AGE: BEST GUESS
161.	ls/was this brother	r a twi	n, triplet, or othe	er multiple?	,				

○ Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

First name(s) of this brother's twin/multiples:

 $\odot \mathrm{No}$ 

If you have more than 5 brothers, please answer the same questions for each brother and record your answers on a separate sheet of paper.



## **BIOLOGICAL DAUGHTERS**

Noxt we would li			childran P	losco include -	alv biological abil	ron not
		•				iren, not
$\circ$ I do not have a	ny biol	ogical daughters ·	→ GO TC	QUESTION 192	, PAGE 20	
Wh	nat is h	er first name?				
DAUGHTER #1						
		<b>—</b>				
•	•					on't know
le this daughter sti	مرابع					
-	ll alive	<b>:</b>				_
○ Yes →	164.	What is this dau	ıghter's age	? AGE	○ Don't knov	/
$\circ_{No} \rightarrow$	165.				○ Don't knov	/
		AND				
	166.	What year did s	he die?		○ Don't knov	4
$\circ$ Don't know				YEAR		
this daughter <i>ever</i>	,			When was this	daughter <u>first</u> diag	gnosed? If you are
nosed with		NO	YES	not sure, plea	se give your best g	guess for her age.
breast cancer?		○ No ○ Don't know	○ Yes			
		GO TO 169		AGE	TEAR	AGE: BEST GUESS
other breast (at	the	○ No	○ Yes			<u>)R</u>
same or a differe time)?	ent	$\odot$ Don't know		AGE	YEAR	AGE: BEST GUESS
ovarian cancer, fallopian tube		○ No	○ Yes			<u>)R</u>
cancer, or prima	-	$\circ$ Don't know		AGE	YEAR	AGE: BEST GUESS
pancreatic cance	er?	○ No	○ Yes	<u>OR</u>		
		$\odot$ Don't know		AGE	YEAR	AGE: BEST GUESS
	Next we would life         adopted or step-or         ○ I do not have a         Wh         DAUGHTER #1         What is your oldes:         daughter's date of         Is this daughter stite         ○ Yes         ○ No         ○ Don't know         this daughter ever         mosed with         breast cancer?         breast cancer in         other breast (at same or a different time)?         ovarian cancer, fallopian tube         cancer, or prima         peritoneal cancer	Next we would like to k adopted or step-childre         ○ I do not have any biolo         What is higher         DAUGHTER #1         What is your oldest (first-daughter's date of birth?         Is this daughter still alive         ○ Yes         164.         ○ No         165.         166.         ○ Don't know         It this daughter ever         mosed with         breast cancer?         breast cancer, fallopian tube         cancer, or primary         ovarian cancer, fallopian tube         cancer, or primary	Next we would like to know about your adopted or step-children. Let's start with         ○ I do not have any biological daughters         What is her first name?         DAUGHTER #1         What is your oldest (first-born) daughter's date of birth?         What is your oldest (first-born) daughter's date of birth?         Is this daughter still alive?         ○ Yes         164.         What is this dau         ○ No         165.         How old was sf (If less than 1, with addition 1, with a	Next we would like to know about your children. P         adopted or step-children. Let's start with your older         ○ I do not have any biological daughters → GO TO         What is her first name?         DAUGHTER #1         ○ Harden and the example of birth?         What is your oldest (first-born)         daughter's date of birth?         What is daughter still alive?         ○ Yes         ○ Yes         164.         What is this daughter's age         ○ No         165.         How old was she when she         (If less than 1, write 00)         AND         166.         What year did she die?         ○ Don't know         GO TO 169         breast cancer?         ○ No         ○ Pon't know         GO TO 169         breast cancer, fallopian tube         cancer, or primary         ○ No       ○ Yes         ○ No       ○ Yes         ○ Pon't know	Next we would like to know about your children. Please include of adopted or step-children. Let's start with your oldest (first-born) of the other breast cancer, fallopian tube cancer?       No       SO TO QUESTION 192         What is her first name?       DAUGHTER #1       Image: Concern and the other breast cancer?       No       Image: Concern and the other breast cancer?       Image: Concern and the other breast cancer?         No       Image: Concern and the other breast cancer?       No       Image: Concern and the other breast cancer?       Image: Concern and the other breast cancer?       No         Ovarian cancer, fallopian tube cancer?       ONo       Image: Concern and the other breast cancer?       No       Image: Concern and the other breast cancer?       Image:	Next we would like to know about your children. Please include only biological child adopted or step-children. Let's start with your oldest (first-born) daughter.         I do not have any biological daughters → GO TO QUESTION 192, PAGE 20         What is her first name?         DAUGHTER #1         What is your oldest (first-born) daughter's date of birth?         What is your oldest (first-born) daughter's date of birth?         Is this daughter still alive?         Yes         Yes         164.         What is this daughter's age?         I for.         How old was she when she died?         O Don't know         AGE         O Don't know         C Don't know         O Don't know         GO TO 169         breast cancer?         O No         O Don't know         GO TO 169         breast cancer, fallopian tube cancer, fallopian tube cancer, fallopian tube cancer, or primary peritoneal cancer?         O No         O Yes         AGE         OB On't know         GO TO 169         Dreast cancer, fallopian tube cancer, ro primary peritoneal cancer?         O No         O Yes         AGE         OB On't know         OV Ke

171. Is/was this daughter a twin, triplet, or other multiple?

 $\odot$  Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

Firs	First name(s) of this daughter's twin/multiples:												



	What is your next oldest (next born) daughter's first name?											
	DAUGHTER #	2										
	$\circ$ I do not h	nave any more biologica	l daughters	→ GO TO QUE	ESTION 192, PAGE 2	0						
	What is your next o daughter's date of	birth?		DAY YE	⊂ Don't EAR	t know						
173. I	s this daughter sti	Il alive?										
	○ Yes →	174. What is this da	ughter's age	?	○ Don't know							
	o No →	175. How old was s (If less than 1, w		e died?	○ Don't know							
	⊃ Don't know	AND 176. What year did	she die?	YEAR	○ Don't know							
	this daughter <b>ever</b> losed with	NO	YES		daughter <u>first</u> diagno se give your best gue							
177.	breast cancer?	○ No ○ Don't know GO TO 179	○ Yes	AGE OR	YEAR <u>OR</u>	AGE: BEST GUESS						
178.	breast cancer in to other breast (at to same or a different time)?	the <sup>O No</sup>	○ Yes	AGE OR	YEAR OR	AGE: BEST GUESS						
179.	ovarian cancer, fallopian tube cancer, or prima peritoneal cance	-	⊖ Yes	AGE OR	YEAR OR	AGE: BEST GUESS						
180.	pancreatic cance	er? ○ No ○ Don't know	○ Yes	AGE OR	YEAR OR	AGE: BEST GUESS						

181. Is/was this daughter a twin, triplet, or other multiple?

 $\odot$  Yes, identical (monozygotic)

- $\odot$  Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

	Fir	st na	me(	s) o	f thi	is da	augh	ter'	s tw	rin∕r	nult	iple	s:	
-														
l														

 $\circ$  No



	DAUGHTER #		nat is your next ol	dest (next	born) daughtei	r's first name?		_
	DAUGHTER #							
	○ I do not I	have ar	ny more biological	daughters	$\rightarrow$ GO TO (	QUESTION 192,	NEXT P	AGE
182.	What is your next daughter's date of		```	IONTH /	DAY	YEAR	⊖ Don'i	t know
183.	Is this daughter st	ill alive	?					
	⊙Yes →	184.	What is this dau	ughter's age	e?	○ Don't	know	
	⊙ No →	185.	How old was sh (If less than 1, wi		e died?	○ Don't	know	
	○ Don't know	186.	<b>AND</b> What year did s	he die?	YEAR	□ ○ Don't	know	
	s this daughter <b>ever</b> gnosed with	~	NO	YES		nis daughter <u>firs</u> ease give your		osed? If you are ess for her age.
187.	. breast cancer?		○ No ○ Don't know GO TO 189	○ Yes	AGE O	R YEAR	OR	AGE: BEST GUESS
188.	breast cancer in other breast (at same or a differe time)?	the	○ No ○ Don't know	○ Yes	AGE O	R YEAR	OR	AGE: BEST GUESS
189.	ovarian cancer, fallopian tube cancer, or prima peritoneal cance		○ No ○ Don't know	⊖ Yes	AGE O	R YEAR	OR	AGE: BEST GUESS
190.	. pancreatic cance	er?	○ No ○ Don't know	○ Yes	AGE <u>G</u>	DR YEAR	OR	AGE: BEST GUESS

191. Is/was this daughter a twin, triplet, or other multiple?

 $\odot$  Yes, identical (monozygotic)

 $\odot$  Yes, not identical (fraternal, dizygotic)

 $\odot$  Yes, don't know type

First name(s) of this daughter's twin/multiples:

 $\circ$  No

If you have more than 3 daughters, please answer the same questions for each daughter and record your answers on a separate sheet of paper.



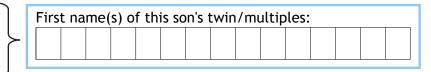
#### **BIOLOGICAL SONS**

			know about your sons. Please include only biological sons, not adopted or th your oldest (first-born) son.								
	$\circ$ I do not have a	ny biol	ogical sons $ ightarrow$ (	GO TO QUE	STION 222, PA	GE 23					
	What is hi	is first	name?								
192.	What is your oldes son's date of birth	•	,	MONTH /	DAY	YEAR	Don't know				
193.	Is this son still aliv	re?									
	○ Yes →	194.	What is this so	on's age?	AGE	○ Don't kno	w				
	$\circ_{No} \rightarrow$	195.	(If less than 1, w		died?	○ Don't kno	w				
	⊃ Don't know	196.	<b>AND</b> What year did	he die?	YEA	□ O Don't kno	w				
Was with	this son <i>ever</i> diagn 	osed	NO	YES		is son <u>first</u> diagnose give your best gue					
197.	breast cancer?		<ul> <li>○ No</li> <li>○ Don't know</li> <li>GO TO 199</li> </ul>	○ Yes	AGE OF	YEAR	OR AGE: BEST GUESS				
198.	breast cancer in t other breast (at t same or a differe time)?	he	○ No ○ Don't know	○ Yes	AGE OF	YEAR	OR AGE: BEST GUESS				
199.	prostate cancer?		○ No ○ Don't know	⊖ Yes	AGE OF	<u>P</u> YEAR	OR AGE: BEST GUESS				
200.	pancreatic cance	r?	○ No ○ Don't know	⊖ Yes	AGE O	R YEAR	OR AGE: BEST GUESS				

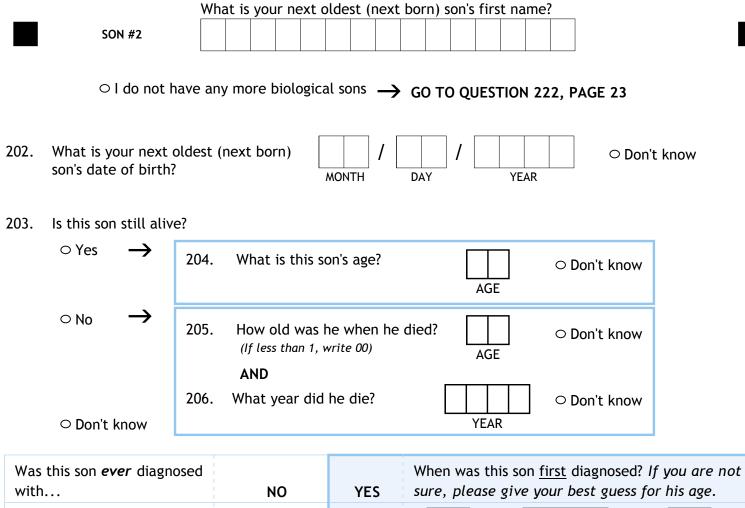
201. Is/was this son a twin, triplet, or other multiple?

- $\odot$  Yes, identical (monozygotic)
- Yes, not identical (fraternal, dizygotic)
- $\odot$  Yes, don't know type

 $\circ$  No







with.	••	NO	YES	sure, please give your best guess for his age.
207.	breast cancer?	○ No ○ Don't know GO TO 209	○ Yes	AGE YEAR OR AGE: BEST GUESS
208.	breast cancer in the other breast (at the same or a different time)?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
209.	prostate cancer?	○ No ○ Don't know	○ Yes	AGE OR YEAR OR AGE: BEST GUESS
210.	pancreatic cancer?	○ No ○ Don't know	⊖ Yes	AGE OR YEAR OR AGE: BEST GUESS

- 211. Is/was this son a twin, triplet, or other multiple?
  - $\odot$  Yes, identical (monozygotic)
  - Yes, not identical (fraternal, dizygotic)
  - $\circ$  Yes, don't know type

- First name(s) of this son's twin/multiples:
  - 60463

	SON #3	What is your next of	oldest (next	born) son's first	name?	
	⊂ I do not I	have any more biologic	al sons 🗕	GO TO QUESTI	ON 222, NEXT PAG	E
212.	What is your next oldest (next born)       /       /       /       O Don't know         son's date of birth?       MONTH       DAY       YEAR       O Don't know					
213.	Is this son still aliv	re?				
	○ Yes →	214. What is this so	on's age?	AGE	⊖ Don't knov	V
	$\circ_{No} \rightarrow$	215. How old was (If less than 1, AND		e died?	○ Don't knov	V
	○ Don't know	216. What year did	d he die?	YEAR	○ Don't knov	V
Was with	this son <i>ever</i> diagn	osed NO	YES		son <u>first</u> diagnosed ive your best guess	
217.	breast cancer?	○ No ○ Don't know GO TO 219	⊖ Yes	AGE OR	YEAR OI	AGE: BEST GUESS
218.	breast cancer in t other breast (at t same or a differen time)?	he <sup>O</sup> No	○ Yes	AGE OR	YEAR OI	AGE: BEST GUESS
219.	prostate cancer?	○ No ○ Don't know	⊖ Yes	AGE OR	YEAR OI	AGE: BEST GUESS
220.	pancreatic cance	r? ○No ○Don't know	⊖ Yes	AGE OR	YEAR OI	AGE: BEST GUESS
			_			

 $\odot$  Yes, identical (monozygotic)

 $\odot$  Yes, not identical (fraternal, dizygotic)

 $\odot$  Yes, don't know type

	First name(s) of this son's twin/multiples:									
$\succ$										

 $\circ \mathrm{No}$ 

If you have more than 3 sons, please answer the same questions for each son and record your answers on a separate sheet of paper.



## **OTHER RELATIVES**

Finally we would like to know about your other biological relatives. <u>Please include only</u> <u>those relatives related to you by blood</u>. Do not include relatives related to you through marriage or adoption.

222. Have any of the following relatives been diagnosed with *breast cancer*? Mark all that apply.

On your mother's side:	On your father's side:	Children of siblings
$\odot$ Mother's mother (your grandmother)	$\odot$ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
$\circ$ Mother's father (your grandfather)	$\odot$ Father's father (your grandfather)	
$\circ$ Mother's sister (your aunt)	$\odot$ Father's sister (your aunt)	○ Niece
$\circ$ Mother's brother (your uncle)	$\circ$ Father's brother (your uncle)	○ Nephew

223. Have any of the following relatives been diagnosed with *ovarian cancer*? *Mark all that apply*.

On your mother's side:	On your father's side:	Children of siblings
$\odot$ Mother's mother (your grandmother)	$\odot$ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
$\odot$ Mother's sister (your ${\sf aunt}$ )	○ Father's sister (your aunt)	
		○ Niece

224. Have any of the following relatives been diagnosed with *prostate cancer*? *Mark all that apply*.

On your mother's side:	On your father's side:	Children of siblings
$\odot$ Mother's father (your grandfather) $\odot$ Mother's brother (your uncle)	<ul> <li>○ Father's father (your grandfather)</li> <li>○ Father's brother (your uncle)</li> </ul>	(Do not include children of spouse's siblings):
		○ Nephew

225. Have any of the following relatives been diagnosed with *pancreatic cancer*? *Mark all that apply*.

On your mother's side:	On your father's side:	Children of siblings
$\circ$ Mother's mother (your grandmother)	$\odot$ Father's mother (your grandmother)	(Do not include children of spouse's siblings):
$\odot$ Mother's father (your grandfather)	$\odot$ Father's father (your grandfather)	
$\circ$ Mother's sister (your aunt)	$\odot$ Father's sister (your aunt)	○ Niece
$\odot$ Mother's brother (your uncle)	$\odot$ Father's brother (your uncle)	○ Nephew



### **GENETIC TESTING**

- 226. Have you had **BRCA1** genetic testing done?
  - Yes
  - No
    O Don't know
    GO TO QUESTION 233, NEXT PAGE
- 227. What type of test was this?
  - $\odot$  Search for any mutation (mutation search)
  - $\odot$  Search for a known family mutation (direct or predictive test)
  - $\odot$  Don't know
- 228. Were the results...
  - $\odot$  Positive for BRCA1 (a mutation or rearrangement that increases risk)
  - $\odot$  Negative for BRCA1 (no mutation or rearrangement that increases risk)
  - Inconclusive result
  - Don't know
  - $\circ$  Prefer not to answer
- 229. How old were you when you had this test?

	<u>OR</u>			
AGE		YE	AR	

230. Why did you have the test? *Mark all that apply*.

$\odot$ Family member diagnosed with <i>breast cancer</i> $\rightarrow$	231. What was his/her age Don't know when diagnosed?
$\odot$ Family member diagnosed with <i>ovarian cancer</i> $ o$	232. What was his/her age O Don't know when diagnosed? AGE

- $\odot$  I was diagnosed with breast cancer
- $\odot$  I was diagnosed with ovarian cancer
- $\odot$  Family member diagnosed with both breast and ovarian cancer
- $\odot$  Male family member diagnosed with breast cancer
- Ashkenazi Jewish heritage (usually Eastern European Jewish heritage)
- Close family member was tested for BRCA1 or BRCA2

○ Other, specify:

233. Have you had **BRCA2** genetic testing done?

○ Yes

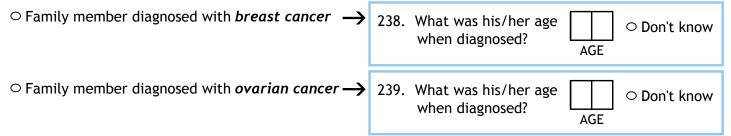
	~
○ No	
$\circ$ Don't know	GO TO QUESTION 240, NEXT PAGE

- 234. What type of test was this?
  - Search for any mutation (mutation search)
  - $\odot$  Search for a known family mutation (direct or predictive test)
  - $\odot$  Don't know
- 235. Were the results...
  - $\odot$  Positive for BRCA2 (a mutation or rearrangement that increases risk)
  - $\odot$  Negative for BRCA2 (no mutation or rearrangement that increases risk)
  - Inconclusive result
  - $\circ$  Don't know
  - $\circ$  Prefer not to answer
- 236. How old were you when you had this test?

		<u>OR</u>			
AC	GE		YE	AR	

237. Why did you have the test? Mark all that apply.

 $\circ$  Same reason(s) as BRCA1  $\rightarrow$  GO TO QUESTION 240, NEXT PAGE



- $\odot$  I was diagnosed with breast cancer
- $\circ$  I was diagnosed with ovarian cancer
- $\odot$  Family member diagnosed with both breast and ovarian cancer
- $\odot$  Male family member diagnosed with breast cancer
- Ashkenazi Jewish heritage (usually Eastern European Jewish heritage)
- $\odot$  Close family member was tested for BRCA1 or BRCA2

 $\circ$  Other, specify:

240. Have you had any genetic testing for breast, ovarian, or other cancer risk where multiple genes are tested at the same time (sometimes called genetic panels, cancer gene panels, hereditary cancer panels, or multigene testing)? *Examples of multigene testing panels are listed below*.

○ Yes	
○ No	GO TO QUESTION 244, NEXT PAGE
$\circ$ Don't know	GU TO QUESTION 244, NEXT PAGE

241. What was the name of the test? Mark all that apply.

<ul> <li>BreastNext (Ambry Genetics)</li> </ul>	$\odot$ Breast Cancer High Risk Panel (Gene D
$\circ$ OvaNext (Ambry Genetics)	$\odot$ BRCAvantage Plus (Quest Diagnostics)
<ul> <li>CancerNext (Ambry Genetics)</li> </ul>	$\circ$ PANEXIA (Myriad Genetics)
<ul> <li>BRCAPlus (Ambry Genetics)</li> </ul>	$\odot$ BROCA (University of Washington)
○ GYNPlus (Ambry Genetics)	$\odot$ High Risk Hereditary Breast (Baylor)
$\circ$ MyRisk (Myriad Genetics)	$\odot$ Breast and Ovarian (Baylor)
$\odot$ OncoGeneDx Custom Panel (Gene Dx)	$\odot$ High Risk Hereditary Breast (Invitae)
$\odot$ OncoGeneDx High/Moderate Risk Panel (Gene Dx)	○ Women's Hereditary Cancers (Invitae)
$\odot$ Comprehensive Cancer Panel (Gene Dx)	○ Custom Panel (Invitae)
○ Breast/Ovarian Cancer Panel (Gene Dx)	$\odot$ Don't know panel name

- $\odot$  Other, specify:
- 242. Did you have positive results (a mutation or rearrangement that increases risk) for any of the genes in the multigene testing panels?

 $\circ$  Yes

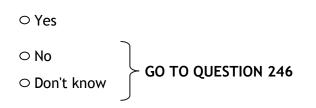
○ No
 ○ Don't know
 GO TO QUESTION 244, NEXT PAGE

243. For which genes did you have positive results (a mutation or rearrangement that increases risk)? *Mark all that apply.* 

○ BRCA1	○ PALB2
○ BRCA2	○ CDH1
○ PTEN	○ STK11
○ TP53	$\odot$ Positive result but don't know gene name
○ Other, specify:	



244. Have you been told that any of the following biological relatives have had testing done for <u>BRCA1 or BRCA2</u>: mother, father, full sister, full brother, daughter or son?



245. Did any of these blood relatives have a positive result for <u>BRCA1 or BRCA2</u> (a mutation or rearrangement that increases risk)?

 $\circ$  Yes

 $\circ$  No

 $\odot$  Don't know

○ Prefer not to answer

246. Have you been told that any of the following biological relatives have had <u>other genetic testing</u> done for <u>breast or ovarian cancer</u>: mother, father, full sister, full brother, daughter or son?

 $\circ$  Yes

No
Don't know
GO TO QUESTION 248

247. Did any of these blood relatives have a positive result for <u>other genetic testing</u> for <u>breast or ovarian</u> <u>cancer</u> (a mutation or rearrangement that increases risk)?

 $\circ$  Yes

 $\circ$  No

○ Don't know

Prefer not to answer

248. Are you of Ashkenazi Jewish heritage? Persons of Ashkenazi Jewish heritage can usually trace their ancestry to Eastern Europe.

○ Yes, mother's side

 $\odot$  Yes, father's side

 $\circ$  Yes, both parents

 $\circ$  No

○ Don't know

○ Prefer not to answer



Please check to see that all questions are answered.

# Thank you for completing this questionnaire and for your continued participation in the Sister Study.

Please mail this form to us at the address below, using the postage-paid envelope we have provided.

The Sister Study, 4505 Emperor Blvd, Suite 400, Durham, NC 27703 phone: 1-877-4SISTER (1-877-474-7837); email: update@sisterstudy.org

