


Multiple Donor Chimerism (with previous HSCT)

Chimerism Studies (Provide date(s), method(s) and other information for all chimerism studies performed prior to date of contact [question 1].) 

Multiple Donors											
161. NMDP donor ID:	D O N O - R X			—or—	161. Donor / infant date of birth:	Month	Day	Year	162. Donor / infant gender:	1 <input checked="" type="checkbox"/> male	2 <input type="checkbox"/> female
—or—				—or—							
161. NMDP cord blood unit ID:				—or—	161. Non-NMDP unrelated donor ID:						
—or—											
161. Non-NMDP cord blood unit ID:											
163.	Month	Day	Year	Method ¹	Cell Type ²	Total Cells Examined	Number of Donor Cells ³	Number of Host Cells	Percent Donor Cells ³ Non-Quant. ⁴	Percent Host Cells Non-Quant. ⁴	
	01	01	2011	05	02				003		002
171. NMDP donor ID:	D O N O - R Y			—or—	171. Donor / infant date of birth:	Month	Day	Year	172. Donor / infant gender:	1 <input checked="" type="checkbox"/> male	2 <input type="checkbox"/> female
—or—				—or—							
171. NMDP cord blood unit ID:				—or—	171. Non-NMDP unrelated donor ID:						
—or—											
171. Non-NMDP cord blood unit ID:											
173.	Month	Day	Year	Method ¹	Cell Type ²	Total Cells Examined	Number of Donor Cells ³	Number of Host Cells	Percent Donor Cells ³ Non-Quant. ⁴	Percent Host Cells Non-Quant. ⁴	
	01	01	2011	05	02				095		002
181. NMDP donor ID:				—or—	181. Donor / infant date of birth:	Month	Day	Year	182. Donor / infant gender:	1 <input type="checkbox"/> male	2 <input type="checkbox"/> female
—or—				—or—							
181. NMDP cord blood unit ID:				—or—	181. Non-NMDP unrelated donor ID:						
—or—											
181. Non-NMDP cord blood unit ID:											
183.	Month	Day	Year	Method ¹	Cell Type ²	Total Cells Examined	Number of Donor Cells ³	Number of Host Cells	Percent Donor Cells ³ Non-Quant. ⁴	Percent Host Cells Non-Quant. ⁴	

¹ See previous page for valid list of Method codes.

² See previous page for valid list of Cell Type codes.

³ Continue reporting donors who are no longer producing cells for the recipient as "0" for Number or Percent Donor Cells.

⁴ If performed by non-quantitative method, indicate the presence of donor or host cells by "+".

Copy this page to report more than 3 tests.

A recipient had an HSCT for high risk AML using an allogeneic marrow (Donor X) graft source. Six months later, the recipient had relapsed AML. The chimerism results on the marrow sample at the time of relapse revealed 5% donor and 95% host. The recipient was transplanted using PBSC product from a different donor (Donor Y). The Day 100 chimerism results following the 2nd HSCT using a PBSC sample revealed the presence of both donors (3% Donor X from the previous HSCT, 95% Donor Y from the current HSCT, and 2% Host). The sum of each donor plus the host should equal 100%.

The above multiple donor chimerism study illustrates how to report this situation, even though the current HSCT only had *one* donor.