

Table S1. Consistency of Biospecimen Donor Mean Ratings of Issues Related to Research Use of Their Biospecimens by Site and by Gender of Respondents (N=302)

	Cancer Center Site				Donor Gender	
	UNM ^a (n=61)	Winship at Emory (n=126)	UPitt (n=77)	BMC (n=38)	Male (n=131)	Female (n=171)
Donors' Ratings of Ethical Safeguards						
Amount of information provided in broad informed consent form ^b	5.45	5.66	5.78	5.33	5.45	5.56
Importance of expert review of studies using biospecimens ^c	7.95	8.33	8.53	8.71	7.88	8.19
Donors' Acceptability for Use of Donated Biospecimens^d						
By for-profit companies	5.54	6.19	5.76	5.82	6.20	5.46
For genetic research that might help prevent or treat cancer	9.60	9.45	9.50	9.46	9.48	9.52
For genetic research that might help prevent / treat other diseases	9.63	9.49	9.54	9.57	9.65	9.47
<u>For research about:</u>						
Any type of cancer	9.79	9.66	9.70	9.41	9.61	9.67
Any medical illness other than cancer	9.82	9.57	9.50	8.91	9.59	9.31
Any type of mental illness	9.78	9.47	9.56	8.29	9.46	9.09
Any type of genetic research	9.81	9.34	9.49	8.39	9.29	9.22
Any type of research on fertility	9.53	9.31	9.25	8.40	9.35	8.89
<u>For research that:</u>						
Changes some cells	9.55	9.17	9.13	8.16	9.33	8.67
Grows a cell line	9.53	9.43	9.25	7.95	9.38	8.70
Involves adult stem cell research	9.79	9.53	9.70	9.03	9.64	9.39
<u>For use of donated biospecimens by researchers:</u>						
At your institution	9.84	9.63	9.61	9.04	9.67	9.40
At other U.S. research institutions	9.70	9.35	9.16	8.70	9.20	9.25
At for-profit companies	6.61	6.86	7.29	5.82	7.12	6.16
In other countries	6.85	6.02	6.20	6.09	6.35	5.97
Donors' Concern that^d						
Your biospecimen donation might be disclosed to others	2.45	3.24	3.12	4.12	3.02	3.32
Others might learn about your genes	2.16	3.56	2.95	4.02	3.11	3.36
Donors' Desire for Findings to Be Reported to Donors^e						
In reports of general scientific results on website/newsletter	5.57	7.02	6.46	6.58	6.46	6.36
Actionable genetic information regarding cancer	9.00	9.24	9.11	7.81	9.18	8.40
Actionable genetic information about other diseases	9.07	9.08	8.80	7.06	8.80	8.20
Non-actionable genetic information regarding cancer	4.64	4.98	4.99	4.39	4.92	4.59
Non-actionable genetic information about other diseases	4.95	4.56	4.30	3.64	4.44	4.28

Notes:

^a UNM = U. of New Mexico; Winship = Winship Cancer Institute of Emory Univ.;

UPitt = U. of Pittsburgh; BMC = Boston Medical Ctr.

^b 0 = far too little information; 5 = just right amount of information 10 = far too much information

^c 0 = not at all important; 5 = moderately important; 10 = extremely important

^d 0 = not at all acceptable; 5 = moderately acceptable; 10 = completely acceptable

^e 0 = not concerned at all; 5 = moderately concerned; 10 = very concerned

^f 0 = definitely not want to know; 5 moderately want to know; 10 = definitely want to know