

Forms Table 1. Summary of data entered for completed form sets, by network and overall, TIDGC, February 10, 2011

Network	Total ASP Forms (N)	Total ASP Families (N)	Mean Participants per ASP Family	Total Trio Forms (N)	Total Trio Families (N)	Total Case Forms (N)	Total Cases (N)	Total Control Forms (N)	Total Controls (N)
Asia-Pacific	4750	326	4.1	3201	290	93	23	231	77
European	16891	1209	4.0	115	10	22	5	6	2
North American	16875	1140	4.2	2322	193	3233	802	2667	889
United Kingdom	2366	161	4.2	.	.	.	.	.	.
Overall	40882	2836	4.1	5638	493	3348	830	2904	968

Forms Table 2. Summary statistics for time (days) from data collection to data entry, by network and overall, T1DGC, February 10, 2011

Network	ASP Forms mean +/- s.d. (median, range)	Trio Forms mean +/- s.d. (median, range)	Case Forms mean +/- s.d. (median, range)	Control Forms mean +/- s.d. (median, range)
Asia-Pacific	46.8 +/- 93.4 (21, 932)	52.3 +/- 88.4 (29, 1181)	78.5 +/- 85.7 (55.5, 393)	195.9 +/- 75.4 (236, 291)
European	76.5 +/- 126.1 (40, 1569)	177.0 +/- 150.7 (161, 614)	373.8 +/- 187.3 (455, 630)	456.0 +/- 0.0 (456, 0)
North American	28.1 +/- 60.9 (11, 1952)	52.1 +/- 87.9 (15, 635)	47.8 +/- 146.3 (13, 1427)	22.0 +/- 41.8 (11, 431)
United Kingdom	46.9 +/- 59.8 (28, 696)			
Overall	51.3 +/- 99.1 (22, 1952)	54.9 +/- 91.7 (26, 1186)	50.8 +/- 147.4 (13, 1427)	36.8 +/- 68.1 (13, 456)

Forms Table 3. Number of missing data fields, by network and overall, TIDGC, February 10, 2011

Form	Asia-Pacific	European	North American	United Kingdom	Overall by Form
ASP Eligibility (Proband)	0	0	0	0	0
ASP Eligibility (Guardian)	0	0	0	0	0
ASP Eligibility (Additional Aff Sib)	0	0	0	0	0
ASP Consent Summary Form	1	5	0	0	6
ASP Exam (Proband)	0	0	140	3	143
ASP Exam (Affected Sibling)	0	0	0	0	0
ASP Exam (Parent)	1	0	1	0	2
ASP Exam (Unaffected Sibling)	0	0	1	0	1
ASP Blood Collection (Original)	9	4	22	11	46
ASP Blood Collection (Re-collection)	4	0	16	2	22
Trio Pre-Eligibility	0	0	19	0	19
Trio Eligibility (Proband)	0	0	0	0	0
Trio Eligibility (Guardian)	0	0	1	0	1
Trio Consent Summary	0	0	89	0	89
Trio Exam (Proband)	0	0	0	0	0
Trio Exam (Parent)	0	0	0	0	0
Trio Blood Collection (Original)	0	0	1	0	1
Trio Blood Collection (Re-collection)	6	0	0	0	6
Case Eligibility (Proband)	0	0	0	0	0
Case Eligibility (Guardian)	0	0	0	0	0
Case Exam	0	0	0	0	0
Control Eligibility (Participant)	0	0	0	0	0
Control Eligibility (Guardian)	0	0	0	0	0
Case/Control Blood Collection (Original)	0	0	3	0	3
Case/Control Blood Collection (Re-Collection)	0	0	0	0	0
Overall by Network	21	9	293	16	339

Note: The percentage of missing data fields was less than 0.001% for each form type.

Forms Table 4. Data entry error rates (%) by form, by quarter, overall, TIDGC, February 10, 2011

Overall Form	Year 2	Year 3				Year 4				Year 5 *				Year 6 *			Overall
	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter*	3rd Quarter*	4th Quarter*	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	
Informed Consent - Layered Portion	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.27	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.03
ASP Eligibility (Proband or Guardian)	0.21	0.39	0.03	0.00	0.06	0.20	0.10	0.04	0.05	0.00	0.12	0.23	0.08	0.05	0.00	0.00	0.11
ASP Eligibility (Additional Aff Sib)	0.00	0.00	0.00	0.00	0.00	.	.	0.00	1.56	.	.	.	0.00	0.00	1.04	0.00	0.30
ASP Consent Summary	0.27	0.13	0.39	0.11	0.07	0.21	0.20	0.28	0.26	0.08	0.00	0.15	0.06	0.04	0.66	0.00	0.17
ASP Exam (Proband)	0.26	0.21	0.24	0.14	0.00	0.06	0.08	0.09	0.14	0.12	0.06	0.06	0.37	0.00	0.09	0.00	0.13
ASP Exam (Affected Sibling)	0.19	0.00	0.00	0.07	0.00	0.00	0.00	0.05	0.12	0.07	0.05	0.00	0.00	0.00	0.00	0.00	0.04
ASP Exam (Parent)	0.10	0.00	0.00	0.10	0.00	0.08	0.00	0.11	0.13	0.13	0.08	0.03	0.03	0.00	0.16	0.85	0.07
ASP Exam Unaffected Sibling	0.53	0.00	0.24	0.13	0.15	0.13	0.00	0.11	0.00	0.28	0.19	0.19	0.00	0.00	0.35	0.00	0.14
Trio Eligibility (Proband or Guardian)	.	.	0.03	0.00	0.00	0.00	.	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.40	0.07
Trio Consent Summary	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.05
Trio Exam (Proband)	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.13	0.00	0.00	0.23	0.00	0.07
Trio Exam (Parent)	.	.	0.00	0.00	0.00	0.00	.	0.00	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.01
Blood Collection (Original)	0.14	0.08	0.00	0.00	0.10	0.08	0.06	0.10	0.02	0.12	0.18	0.17	0.18	0.04	0.20	0.09	0.10
Blood Collection (Re-collection)	.	0.00	.	.	.	0.00	.	.	.	.	.	.	.	.	.	.	0.00
Overall	0.19	0.11	0.11	0.09	0.05	0.11	0.07	0.11	0.11	0.10	0.09	0.11	0.12	0.03	0.18	0.13	0.10

* Excluding United Kingdom Newtwork where recruitment and data entry had been completed.

Forms Table 4a. Data entry error rates (%) by form, by quarter, Asia-Pacific network, TIDGC, February 10, 2011

Asia-Pacific Form	Year 2	Year 3				Year 4				Year 5				Year 6			Overall
	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	
Informed Consent - Layered Portion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASP Eligibility (Proband or Guardian)	0.63	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.00	.	0.16
ASP Eligibility (Additional Aff Sib)	.	0.00	0.00	.	.	.	.	.	3.13	.	.	.	.	.	0.00	.	0.78
ASP Consent Summary	0.00	0.00	0.00	0.14	0.09	0.00	0.30	1.42	0.00	0.30	0.00	0.00	0.00	0.00	0.00	.	0.16
ASP Exam (Proband)	1.18	0.00	0.00	0.13	0.00	0.00	0.00	0.59	0.00	0.29	0.00	0.00	0.00	0.00	0.00	.	0.13
ASP Exam (Affected Sibling)	0.91	0.00	0.00	0.00	0.00	0.00	0.00	0.35	0.30	0.00	0.00	0.00	0.00	0.00	0.00	.	0.11
ASP Exam (Parent)	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.42	0.00	0.42	0.00	0.00	0.24	0.00	0.00	.	0.08
ASP Exam Unaffected Sibling	3.19	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	.	0.17
Trio Eligibility (Proband or Guardian)	.	.	0.11	0.00	0.00	0.00	.	0.00	0.00	0.00	0.00	0.48	0.00	0.00	0.00	0.00	0.06
Trio Consent Summary	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.61	0.00
Trio Exam (Proband)	.	.	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04
Trio Exam (Parent)	.	.	0.00	0.00	0.00	0.00	.	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.02
Blood Collection (Original)	0.48	0.30	0.00	0.00	0.21	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Blood Collection (Re-collection)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Overall	0.61	0.11	0.05	0.03	0.06	0.00	0.05	0.33	0.07	0.15	0.03	0.14	0.03	0.00	0.00	0.09	0.10

Forms Table 4b. Data entry error rates (%) by form, by quarter, European network, TIDGC, February 10, 2011

European Form	Year 2	Year 3				Year 4				Year 5				Year 6			Overall
	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	
Informed Consent - Layered Portion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.03
ASP Eligibility (Proband or Guardian)	0.00	0.00	0.06	0.00	0.00	0.36	0.16	0.00	0.13	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.06
ASP Eligibility (Additional Aff Sib)	0.00	0.00	0.00	0.00	.	.	.	.	0.00	.	.	.	0.00	0.00	1.56	.	0.39
ASP Consent Summary	0.00	0.14	0.05	0.00	0.00	0.38	0.12	0.00	0.00	0.00	0.00	0.19	0.00	0.00	1.22	0.00	0.11
ASP Exam (Proband)	0.00	0.00	0.39	0.00	0.00	0.00	0.00	0.00	0.29	0.15	0.00	0.00	0.39	0.00	0.17	0.00	0.10
ASP Exam (Affected Sibling)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.27	0.18	0.00	0.00	0.00	0.00	0.00	0.02
ASP Exam (Parent)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.18	0.00	0.28	0.00	0.00	0.00	0.00	0.28	0.00	0.04
ASP Exam Unaffected Sibling	0.00	0.00	0.18	0.33	0.00	0.35	0.00	0.35	0.00	0.43	0.00	0.00	0.00	0.00	0.71	0.00	0.13
Trio Eligibility (Proband or Guardian)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trio Consent Summary	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trio Exam (Proband)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Trio Exam (Parent)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Blood Collection (Original)	0.09	0.08	0.00	0.06	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.05	0.00	0.00	0.50	0.31	0.04
Blood Collection (Re-collection)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Overall	0.02	0.04	0.08	0.03	0.00	0.11	0.04	0.08	0.06	0.11	0.02	0.04	0.07	0.03	0.42	0.08	0.06

Forms Table 4c. Data entry error rates (%) by form, by quarter, North American network, TIDGC, February 10, 2011

North American Form	Year 2					Year 3					Year 4					Year 5					Year 6					Overall
	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	
Informed Consent - Layered Portion	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	
ASP Eligibility (Proband or Guardian)	0.38	0.35	0.00	0.00	0.24	0.21	0.13	0.07	0.00	0.00	0.19	0.16	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	
ASP Eligibility (Additional Aff Sib)	.	.	.	0.00	0.00	.	.	0.00	.	.	.	.	.	0.00	.	.	.	.	0.00	.	.	.	.	0.00	0.00
ASP Consent Summary	0.00	0.00	0.11	0.07	0.09	0.24	0.20	0.12	0.57	0.07	0.00	0.13	0.10	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	
ASP Exam (Proband)	0.00	0.13	0.00	0.42	0.00	0.16	0.20	0.00	0.08	0.07	0.09	0.12	0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.11	
ASP Exam (Affected Sibling)	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	
ASP Exam (Parent)	0.00	0.00	0.00	0.29	0.00	0.08	0.00	0.00	0.29	0.05	0.12	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.69	0.00	0.06	
ASP Exam Unaffected Sibling	0.00	0.00	0.27	0.00	0.61	0.00	0.00	0.00	0.00	0.16	0.24	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	.	0.00	0.17	
Trio Eligibility (Proband or Guardian)										.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.79	0.00	0.09	
Trio Consent Summary										.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.12	
Trio Exam (Proband)										.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.12	
Trio Exam (Parent)										.	0.00	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
Blood Collection (Original)	0.00	0.00	0.00	0.22	0.17	0.23	0.13	0.11	0.05	0.15	0.29	0.30	0.26	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	
Blood Collection (Re-collection)	.	0.00	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	0.00
Overall	0.07	0.06	0.03	0.20	0.11	0.17	0.11	0.05	0.17	0.07	0.13	0.15	0.15	0.03	0.03	0.03	0.03	0.23	0.00	0.00	0.00	0.00	0.23	0.00	0.11	

Forms Table 4d. Data entry error rates (%) by form, by quarter, United Kingdom network, TIDGC, February 10, 2011

United Kingdom	Year 2	Year 3				Year 4	Overall
Form	4th Quarter	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter	1st Quarter	
Informed Consent - Layered Portion	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASP Eligibility (Proband or Guardian)	0.07	1.04	0.00	0.00	0.00	0.00	0.18
ASP Eligibility (Additional Aff Sib)	.	.	.	.	0.00	.	0.00
ASP Consent Summary	0.66	0.41	4.88	0.52	0.15	0.00	0.65
ASP Exam (Proband)	0.09	0.78	0.39	0.00	0.00	0.00	0.16
ASP Exam (Affected Sibling)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ASP Exam (Parent)	0.08	0.00	0.00	0.14	0.00	0.42	0.07
ASP Exam Unaffected Sibling	0.00	0.00	0.00	0.00	0.00	.	0.00
Blood Collection (Original)	0.06	0.00	0.24	0.00	0.00	0.00	0.04
Blood Collection (Re-collection)	.	0.00	.	0.00	.	0.00	0.00
Overall	0.14	0.31	0.82	0.11	0.02	0.08	0.16

Forms Table 5. Summary of blood re-collection efforts, by network and overall, TIDGC, February 10, 2011

		Network				Overall
		Asia-Pacific	European	North American	United Kingdom	
Sample Re-collection	Reason for Re-collection					
Completed	Failed attempt	5	17	20	11	53
	Sample lost	27	6	4	-	37
	Failed cell line	34	36	39	6	115
	Low yield DNA only	-	1	-	-	1
	Total	66	60	63	17	206
Not Completed	Reason for Re-collection					
	Failed attempt	1	3	23	6	33
	Failed cell line	48	57	69	35	209
	Missing reserve serum	2	-	11	-	13
	Sample destroyed	12	19	33	1	65
	Low yield DNA only	-	-	18	-	18
	Confirm unrelated or contaminated	-	1	1	-	2
	Total	63	80	155	42	340
Overall		129	140	218	59	546