

ID - yr. <sup>1</sup>	DNA kit <sup>2</sup>	Ext. <sup>3</sup>	Disk# <sup>4</sup>	DNAin <sup>5</sup>	GPIex 2			GPIex 4			REPLI-g			
					Call-rate <sup>6</sup>	Conf.-rate <sup>7</sup>	WGAout <sup>8</sup>	Call-rate <sup>6</sup>	Conf.-rate <sup>7</sup>	WGAout <sup>8</sup>	Call-rate <sup>6</sup>	Conf.-rate <sup>7</sup>	WGAout <sup>8</sup>	
1 - 1982	QIA	Yes	1	3.8	93.07	0.072	7.41	98.43	0.025	5.39	90.53	0.947	6.10	
			3	9.6	96.30	0.027	6.87	98.27	0.025	4.54	98.00	0.073	7.15	
2 - 1982	QIA	Yes	1	2.3	94.74	0.080	6.04	98.15	0.029	4.19	84.95	4.365	4.97	
			3	10.6	94.72	0.090	6.33	98.33	0.025	5.12	62.91	8.517	4.47	
3 - 1992	QIA	Yes	1	7.7	96.73	0.066	6.68	98.09	0.038	4.79	98.41	0.042	5.39	
			3	17.3	95.82	0.033	6.11	98.53	0.025	4.14	99.26	0.018	6.64	
4 - 1985	QIA	No	1	5.2	96.82	0.044	6.70	97.93	0.033	4.26	19.79	7.626	7.61	
			3	15.3	96.52	0.029	6.10	98.47	0.027	4.91	67.45	14.456	7.06	
5 - 1989	QIA	No	1	10.3	82.36	0.537	6.30	98.17	0.023	4.74	95.48	0.139	5.46	
			3	25.9	97.16	0.023	7.43	98.54	0.021	5.27	84.15	8.696	7.61	
6 - 1983	QIA	No	1	5.3	95.47	0.037	5.97	98.20	0.026	4.55	91.58	0.860	4.86	
			3	17.6	94.76	0.059	7.27	98.18	0.026	5.18	98.52	0.078	6.47	
7 - 1983	ENA	Yes	1	2.6	94.73	0.035	5.71	97.39	0.028	4.90	99.46	0.020	5.43	
		No		1.9	94.73	0.039	5.85	96.51	0.048	4.34	99.30	0.030	2.77	
8 - 1984	ENA	Yes	1	2.7	96.39	0.040	7.23	97.34	0.049	4.65	99.51	0.031	5.82	
		No		3.9	94.39	0.042	6.15	96.78	0.044	3.52	99.30	0.028	2.57	
				<i>Median</i>	<i>6.5</i>	<i>95.12</i>	<i>0.041</i>	<i>6.31</i>	<i>98.18</i>	<i>0.027</i>	<i>4.70</i>	<i>96.74</i>	<i>0.109</i>	<i>5.64</i>
				<i>Std. Dev.</i>	<i>7.0</i>	<i>3.47</i>	<i>0.124</i>	<i>0.58</i>	<i>0.62</i>	<i>0.009</i>	<i>0.49</i>	<i>21.21</i>	<i>4.503</i>	<i>1.51</i>
<i>Correlation coefficient</i>					<i>-0.9613</i>			<i>-0.8464</i>			<i>-0.7066</i>			

**Table 1: Performance of different wgaDNA preparations.** <sup>1</sup>Year the DBSS was stored. <sup>2</sup>Kit used for DNA-extraction, QIA- QIAamp DNA Blood Micro Kit; ENA- Extract-N-Amp Blood PCR Kit. <sup>3</sup>Extraction of proteins from DBSS prior to extraction of DNA. <sup>4</sup>Number of 3.2mm disks used. <sup>5</sup>DNA (ng) utilized per WGA reaction. <sup>6</sup>GWS genotypes call-rate (percent). <sup>7</sup>Rate of conflicts (percent) between genotype results on wgaDNA and reference gDNA. <sup>8</sup>wgaDNA ( $\mu\text{g}$ ) produced per reaction.