

PILOT NETWORK DNA CHART

DNA SAMPLES	FINLAND THL National Institute for Health and Welfare				ESTONIA EGP Estonian Genome Project, University of Tartu				NORWAY NTNU Norwegian University of Science and Technology				NETHERLANDS UMCG University Medical Center Groningen				GERMANY Helmholtz-Zentrum MÜNCHEN Helmholtz-Zentrum München			
	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
	Tubes	x								x	100			x	100			x	39	
Storage plates (96 format)	x				x	40		By the end of 2009 all samples will be in 96 well plates in addition to main samples in liquid N2	x	100							x	60		
2D coded storage plates (96 format)								96 well plates are for temporary use and are stored at minus 20 C	0			Deep well plates with labels (no 2D)								
Dry storage (FTA/ GenVault)									x	15			x	80			x	1		
Other					MAPI straws	100							x			Buffy coat and packed cells				
Sample tracing	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
Barcodes	x	99			x	100			x	100			x	100			x	60		
2D codes									x	100			x	10		2D barcoding recently started	x	10		
Printed labels									0								x	100		
Hand written labels	x	1							0											
Sample storage facilities/sample retrieval	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
Automated storage & retrieval of samples							2011 Hamilton System		x	100			x			Starting automated storage in 1 month				
Manual retrieval of samples	x	100			x	100			x	100			x	100			x	100		
Access control monitored	x	85			x	100			x	100		Primarily for automated storage	x				x	100		
Temperature monitoring (automated alarm in case of thawing)	x	85			x	100			x	100			x				x	100		
Response time to alarm						20 min			x	seconds			x	<1 hour			x	10 min		
LIMS	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
Commercial									x			Nautilus and SAS (REMP)								
Modified commercial									x			NTNU's IT Department					x	50		CryoBio Systems France
Developed in-house	x				x												x	50		
No LIMS available																				
LIMS processes covered	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
Sample logistics (receipt, distribution, locations)	x				x				x				x							
DNA extraction	x				x				x				x							
Sample aliquoting	x				x				x				x				x	100		
Sample freeze/thaw cycles									x											
Inventory	x				x				x				x							
Sample quality	x				x				x											
Sample quantity	x				x				x				x							
SOPs for laboratory staff	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments
Sample receipt					x			Not available in English	x			Not available in English	x			Not available in English				
DNA extraction	x	x			x			Not available in English	x			Not available in English	x			Not available in English	x	100		
Sample aliquoting	x		Not available in English		x			Not available in English	x			Not available in English	x			Not available in English				
Sample quantity check	x		Not available in English		x			Not available in English	x			Not available in English	x			Not available in English	x	100		
Sample quality check	x		Not available in English		x			Not available in English	x			Not available in English	x			Not available in English	x	100		
Sample inventory					x			Not available in English	x			Not available in English	x			Not available in English	x	100		
Sample shipment					x			Not available in English	x			Not available in English					x	100		
Sample return					x			Not available in English	x			Not available in English								
	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments	Yes	%	Protocols	Comments

