

APPENDIX MPS 2024

CODES FOR KITS: TABLES 1A & 1B

LIBRARY PREPARATION		LIBRARY QUANTIFICATION	
Code	KIT	Code	KIT
PL01	Precision ID GlobalFiler™ NGS STR Panel v2 (TFS)	CL01	Ion Library TaqMan™ Quantitation Kit (TFS)
PL02	ForenSeq DNA Signature Prep Kit Mix A (Verogen)	CL02	PowerSeq® Quant MS System
PL03	ForenSeq DNA Signature Prep Kit Mix B (Verogen)	CL03	QIAseq Library Quant System (QIAgen)
PL04	ForenSeq MainstAY kit (Verogen)	CL04	KAPA Library Quantification Kits (Roche)
PL05	ForenSeq MainstAY SE kit (Verogen)	CL05	Kit de ensayo Qubit (TFS)
PL06	PowerSeq® 46GY System (Promega)		
PL07	Precision ID mtDNA Control Region Panel (TFS)		
PL08	Precision ID mtDNA Whole Genome Panel (TFS)		
PL09	ForenSeq mtDNA Control Region Kit (Verogen)		
PL10	ForenSeq mtDNA Whole Region Kit (Verogen)		
PL11	PowerSeq® CRM Nested System, Custom (Promega)		
PL12	QIAseq Investigator Human Mitochondria Control Region panel (QIAgen)		
PL13	QIAseq Human Mitochondria panel (QIAgen)		
PL00	Others (specify)	CL00	Others (specify)

CODES FOR KITS: TABLES 1C & 1D

TEMPLATE PREPARATION AND SEQUENCING			
Code	KIT	Code	Chip/Flow cell
PMS01	Ion S5™ Precision ID Chef & Sequencing Kit (TFS)	CH01	Ion 510™ Chip (TFS)
PMS02	MiSeq FGx Reagent Kit (Verogen)	CH02	Ion 520™ Chip (TFS)
PMS03	MiSeq FGx Reagent Micro Kit (Verogen)	CH03	Ion 530™ Chip (TFS)
		CH04	Ion 540™ Chip (TFS)
		CH05	Flow cell (Verogen)
		CH06	Micro flow cell (Verogen)
		CH07	MinION & GridION Flow Cell (Oxford Nanopore)
		CH08	PromethION Flow Cell (Oxford Nanopore)
PMS00	Others (specify)	CH00	Others (specify)

CODES FOR INSTRUMENTS: TABLES 1A, 1B, 1C & 1D

PREPARATION		QUANTIFICATION		SEQUENCING	
Code	INSTRUMENT	Code	INSTRUMENT	Code	INSTRUMENT
EP01	Manual	EC01	7500 Real-Time PCR System (TFS)	ES01	Ion S5™ System (TFS)
EP02	Ion Chef™ Instrument (TFS)	EC02	7500 Fast Real-Time PCR System (TFS)	ES02	Ion S5™ XL System (TFS)
EP03	Ion Chef™ Instrument (TFS)	EC03	QuantStudio 5 Real-Time PCR System (TFS)	ES03	Ion GeneStudio S5 System (TFS)
EP04	Tecan	EC04	Rotor-Gene Q (QIAgen)	ES04	Ion GeneStudio S5 Plus System (TFS)
EP05	Hamilton	EC05	QIAquant (QIAgen)	ES05	Ion GeneStudio S5 Prime System (TFS)
EP06	Beckman Coulter	EC06	Light Cycler (Roche)	ES06	MiSeq FGx Sequencing System (Illumina)
EP07	Agilent	EC07	Qubit (TFS)	ES07	GeneReader NGS System (QIAgen)
EP08	Eppendorf			ES08	MinION (Oxford Nanopore)
EP09	VolTRAX (Oxford Nanopore)			ES09	GridION (Oxford Nanopore)
				ES10	PromethION (Oxford Nanopore)
EP00	Others (specify)*	EC00	Others (specify)*	ES00	Others (specify)*

*brand and model

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CODES FOR SOFTWARE: TABLE 1E

Code	SOFTWARE
SW01	Torrent Server Suite (TFS)
SW02	Universal Analysis Software (Verogen)
SW03	CLC Genomics Workbench (QIAGEN)
SW04	GeneMarker® HTS (SoftGenetics)
SW05	NextGENe® (SoftGenetics)
SW06	NextGENe® LR (SoftGenetics)
SW07	ExactID® (Battelle)
SW08	Torrent Variant Caller (TFS)
SW09	HID Genotyper plugin (TFS)
SW10	Converge (TFS)
SW11	STRait Razor
SW12	toaSTR
SW13	lobSTR
SW14	STRinNGS
SW15	FDSTools
SW16	IGV
SW17	GATK
SW18	mitoSAVE
SW19	mtDNAServer
SW00	Others (specify)