

genomic prediction

gSEQ kit comparison to competitors

	ReproSeq	VeriSeq	gSEQ
Instrumentation	Ion Torrent S5	Illumina MiSeq	Either S5 or MiSeq Adaptable to any seq platform
Price	\$\$	\$\$\$	\$
PGT-A Trisomy, Monosomy		✓	
PGT-A Segmental aneuploidy		~10Mb resolution	
PGT-A Mosaicism Detected		✓	
PGT-A Triploidy	69,XXY only	69,XXY only	✓
Sample Pair Check Relatedness	✗	✗	✓
QA Contamination Check via Genotyping Methodology	✗	✗	✓
Sample Prep Automation	✗	✗	✓ g freeze automation
Number of Prep Steps	~3	~12	1 unique, single step preparation
Hours of Library Prep	~4	~16	~2

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