

## ION TORRENT Catalog

### *DNA and RNA treatments*

Item	Catalog N.
QC: Quality and size control of MBD/CHIP enriched DNA	DNA05
QC: Quality control of DNA preparations	DNA06
QC: Quality control of total RNA preparations	RNA03
Poly(A) <sup>+</sup> RNA purification from total RNA	RNA06
Enrichment in Small RNA fraction	RNA07
rRNA depletion of total RNA	RNA10
Enrichment of hypervariable regions of the 16S	16S
MBD-enrichment from genomic DNA	MBD
CHIP-enrichment from genomic DNA	CHIP

### *Library preparation*

Item	Catalog N.
Design and synthesis of a custom Ampliseq panel	PAN
Barcoded DNA library preparation	LDb
Barcoded RNA library preparation	LRb

### *Sequencing*

Item	Catalog N.
Forward sequencing 200 bp tags with barcode	SEQI200B
Forward sequencing 400 bp tags with barcode	SEQI400B
Forward sequencing 600 bp tags with barcode	SEQI600B

## ***Bioinformatic Analysis***

Item	Catalog N.
Bioinformatic Analysis I: DNA (panels)	DNA-BF01
Bioinformatic Analysis II: DNA (full exome)	DNA-BF02
Bioinformatic Analysis III: DNA (full exome in trio)	DNA-BF03
Bioinformatic Analysis I: RNA (transcriptome analysis)	RNA-BF01
Bioinformatic Analysis II: RNA (transcriptome advanced analysis)	RNA-BF02
Bioinformatic Analysis III: RNA (custom analysis)	RNA-BF03
Bioinformatic Analysis I: smallRNA	Small-BF01
Bioinformatic Analysis II: smallRNA (advanced)	Small-BF02
Bioinformatic Analysis I: Metagenomics	METAGEN-BF01
Bioinformatic Analysis I: De Novo	ASSEMBLY-BF01
Methylation Bioinformatic Analysis	MBD-BF01
Methylation Bioinformatic Analysis (advanced)	MBD-BF02
ChIP-Seq Bioinformatic Analysis I	CHIP-BF01