

ACSIA NGS Edition

- Next Generation Sequencing (NGS) :
 - Libraries preparation
 - Target enrichment
- Gibson Assembling
- Nucleic acids clean up
- Samples preparation for LC-MS/MS analysis
- Preparation of sequencing reactions
- Forensics
- General simple of complex tasks of liquid handling



ACSIA NGS Edition is the solution for the preparation of samples for **Next Generation Sequencing**, mainly at the steps of "**Libraries preparation**" and "**Target enrichment**".



- **16 SBS locations** : 13 are available and 3 occupied by modules : our magnetic work unit, a thermoregulating and a shaking thermoregulating modules (orbital or linear)
- Managed by our innovative and intuitive software **PrimaController®II**
- **SMT technology** : a smart management of tip reuse

Both steps of NGS can be automated in our ACSIA with the same configuration. Only the protocols will change :

Library preparation



Target enrichment



ACSIA NGS Edition

- Magnetic work unit based on patented **APIM** technology (Attraction Point by Induced Magnetization)
- Easy interchangeable pipettes
- **Protective enclosure with UV**
- One of the best quality/price ratios on the market
- Significantly reduced process costs
- **Protocols available for many kits**

Manufacturer	Kit	Number samples max/run
Illumina	TruSight HLA	12
	Nextera	96
	TruSeq Stranded Total RNA	48
	TruSeq Stranded mRNA	48
	RNA Access	48
	TruSeq Custom Amplicon Low Input (TSCA and TSCA dual)	48
	Nextera XT Pre & Post	48
	TruSight Rapid Capture	48
	Metagenomic	96
	TruSeq nano DNA	24
	AmpliSeq for Illumina focus panel	48
	AmpliSeq RNA - En cours de développement	48
Thermo Fisher	AmpliSeq	48
NEB	NEB NextUltra DNA	96
Roche	KAPA DNA	48
	KAPA Hyper Plus	48
	KAPA Hyper Cap	48
	NimbleGen - Capture (SeqCapEZ)	48
Agilent	SureSelect XT Fast- Pre	32
	SureSelect QXT - Pre	48
	SureSelect XT (or QXT) - Capture	48
PacBio	20 kb SMRTbell	48
Qiagen	QIAseq Targeted DNA	96
	1step	48
Omixon	Holotype HLA 24/11 A1 & A2	24 -> 72
GenDx	HLA typing	24
Care DX	AlloSeq Tx17	24
Takara	SMARTer Human TCR a-b Profiling	
	SMARTer Mouse TCR a-b Profiling	
	SMARTer Stranded Total RNA-Seq v3 - En cours de développement	48