

Specialized equipment at EpiGen

Application	Equipment
Biomarkers	Architect i2000 analyzer Thermo Fisher B.R.H.A.M.S. instruments KRYPTOR Singulex Sgx Clarity Luminex 200 xMAP platform PAM Station Tyrosine Kinase Array
Next-generation sequencers	Illumina MiSeq Life Technologies IonTorrent S5 Oxford Nanopore Minlon
Molecular pathology/Immunohistochemistry	Leica CM1850 Cryostat Slee Medical microtome Autostainer 48Link from Dako/Agilent ThermoBrite Hybridization oven SkyTeck Slide Master humidity chamber and accessories Stratalinker ThermoFisher ClearVue Coverslipper
Molecular imaging	LSM 780 confocal microscope Zeiss AXIO Vert.A1 Axio Zoom.V16, wide field imaging with optical sectioning Zeiss StereoLumarV12, stereo fluorescence microscope Zeiss Discovery V8 microscopes Olympus IX81 inverted microscope NIKON TE2000S inverted fluorescence microscope EVOS FL
Flow cytometry	FACS Aria III (4 lasers and cell sorting) FACS Canto II (three lasers)
Preparation of biospecimens	Zeiss PALM laser microdissection system EpMotion 5070 liquid handling system Perkin Elmer Janus automated workstation QiaSymphony DNA/RNA extractor QiaCube automated sample preparation robot Sorvall WX ultracentrifuge Trinean Xpose Pippin Prep
Cell and Molecular biology	Agilent microarray scanner with 2, 3, 5, and 10 μ m resolution PyroMark 48, Qiagen

2 ABI 7900HT RT- PCR systems with regular block, fast block or TLDA-card
ABI QuantStudio 7 Flex
4x Eppendorf MasterCyclers, including Mastercycler X50 2D-Gradient for enhanced PCR optimization
Bio-Rad QX200 Digital PCR
ABI 3130 Sequencer, 16 capillaries semi automated for plate formats
CHEF-DRIII high resolution PFGE
LUMIstar Omega plate reader
Thermo Varioscan
2D gel electrophoresis
BioRad GelDoc
BioRad ChemiDocXRS+
Fujifilm LAS-3000 mini
FLA5100 scanner
Agilent 1200 HPLC
Diagenode UCD-300 Bioruptor
Branson Digital sonicator
Invitrogen Neon transfection system
Cell laboratories, incl lentivirus lab, hypoxia chamber and CellRad (Faxitron) cabinet x-ray cell irradiator