Hellenic Accreditation System

Annex G1/2 to the Certificate No.**1270**

SCOPE of ACCREDITATION

of the

Genomics Facility

of

Biomedical Sciences Research Center Alexander Fleming

Tested materials/ products	Types of test/ Properties to be measured	Applied Standards/ Techniques to be used
Molecular Genetics		
Formalin-Fixed Paraffin-Embedded (FFPE) tissue specimens from solid tumors	Mutation detection in 58 genes associated with cancer predisposition: AKT1, ALK, AR, ATM, BCL2, BRAF, BRCA1, BRCA2, CCND1, CCNE1, CDK4, CDK6, CDKN2A, CHEK1, CHEK2, CTNNB1, EGFR, ERBB2, ERBB4, ESR1, FGFR1, FGFR2, FGFR3, IDH1, IDH2, JAK2,	Next Generation Sequencing (NGS, Ion Proton™ System, ThermoFisher Scientific) using the custom (in-house) gene panel for solid tumors (Ion AmpliSeq™, ThermoFisher Scientific) of the Hellenic Precision Medicine Network on Cancer DNA isolation with MagMAX™ Total Nucleic Acid Isolation Kit Library construction on Veriti™ 96-

	JUN, KDR, KIT, KMT2C, KRAS, MAP2K1, MDM2, MDM4, MEN1, MET, MLH1, MSH2, MSH6, MTOR, MYC, NF1, NOTCH1, NRAS, PALB2, PDGFRA, PIK3CA, PIK3CB, PTEN, RAD50, RAD51, RB1, RET, ROS1, SMAD4, STAT3, STK11, TP53	Well Fast Thermal Cycler Bioinformatic analysis with ION REPORTER 5.18 Lab protocols O.520-6, version 1, 1/10/2020, O.520-7, version 3, 12/4/2021, O.520-8, version 4, 30/6/2021

Site of assessment: **Laboratory permanent premises: 34 Fleming Street, 16672 Vari, Greece.**

Approved signatories**: P. Hatzis, V. Harokopos, P. Moulos.**

This Scope of Accreditation replaces the previous one dated 01.10.2021.
The Accreditation Certificate No. **1270**, to ELOT EN ISO 15189:2012, is valid until 30.09.2025.

Athens, 29.12.2022

Christos Nestoras
CEO of ESYD