

**The Appendix is an integral part of  
Certificate of Accreditation No. 615/2022 of 16/12/2022**

**Accredited entity according to ČSN EN ISO 15189:2013:**

**Masarykova univerzita**

Genomics Core Facility of the Centre for Molecular Medicine, CEITEC MU

Kamenice 753/5, 625 00 Brno

*The Laboratory has a flexible scope of accreditation permitted as detailed in the Annex. Updated list of activities provided within the flexible scope of accreditation is available at the Laboratory from the Laboratory Quality Manager.*

**Examinations:**

Ordinal number	Examination procedure name	Examination procedure identification	Examined object
<b>816 - Medical Genetics Laboratory</b>			
1.	Examination of cancer-related genes by massively parallel sequencing (NGS) <sup>a</sup>	SA/CLG/50005	Biological material containing human nuclear DNA

Annex:

Flexible scope of accreditation

Examination procedure ordinal numbers:
<i>1</i>

The Laboratory is allowed to modify the examination procedures listed in the Annex within the specified scope of accreditation provided the measuring principle is observed.

The flexible approach to the scope of accreditation cannot be applied to the examinations not included in the Annex.

Explanatory notes:

<sup>a</sup> SOP SA/CLG/50005

Hereditary cancer syndromes: *ATM, APC, BARD1, BRCA1, BRCA2, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, MUTYH, NBN, PALB2, PMS2, PTEN, RAD50, RAD51C, RAD51D, STK11, TP53.*

Comprehensive molecular analysis: *AIP, AK2, ALK, AP3B1, ASXL1, ATG2B, ATMIN, ATR, ATRIP, AURKA, AXIN1, BABAM1, BAP1, BCOR, BIRC3, BLM, BMPRIA, BRAF, BRAP, BRCC3, BRE, BTG1, BTK, BUB1B, CALR, CASP8, CCND1, CDC73, CDK12, CDK13, CDK4, CDKN1B, CDKN2A, CDKN2B, CEBPA, CEP57, CLPB, COH1, CRLF2, CSF3R, CSNK1D, CTC1, CTNNA1, CXCR2, DKC1, DPYD, EBF1, EFL1, EGFR, EIF2AK3, ELANE, EPHX1, EPOR, ESR1, ESR2, FAN1, FH, FLT1, FLT3, G6PC3, GADD45A, HRAS, HUS1, CHEK1, IKZF1, IKZF3, IRF4, ITPKB, IVD, JAGN1, JAK1, JAK2, JAK3, KAT5, KCNJ5, KIT, KLHL6, KRAS, LMO1, LYST, MAD2L2, MAX, MCPHI, MDC1, MDM2, MDM4, MET, MGA, MPL, MRP, MSRI, MUT, MYD88, NCAM1, NELFB, NF1, NF2, NFKBIE, NHEJ1, NHP2, NOP10, NOTCH1, NPM1, NRAS, NSD1, NTHL1, OGG1, PARP1, PAX5, PCCA, PCCB, PCNA, PLAG2, PMS1, POLE, POLH, POT1, PPM1D, PREX2, PRF1, PTCH1, PTTG2, RAB27A, RAC2, RAD1, RB1, RBM8A, RET, RFWD3, RMRP, RNF168, RPA1, RPS7, RPS10, RPS15, RPS17, RPS19, RPS24, RPS26, RPS27A, RPL5, RPL11, RPL27, RPL35a, RTEL1, SAMHD1, SF3B1, SHPRH, SLC37A4, SLX4, SMARCA2, STK4, TCIRG1, TCL1A, TELO2, TERC, TERT, TINF2, TLR2, TLR4, TNFSF5, TSC1, TSC2, TSHR, UBE2T, VHL, VPS13B, VPS45, WAS, WIPF1, WRAP53, WT1, XPA, XPC, XPO1*