

Seznam činností v rámci flexibilního rozsahu akreditace

Název subjektu: GHC GENETICS, s.r.o.
Název objektu: Laboratoř GHC GENETICS
Číslo akreditovaného objektu: 8124
Osvědčení o akreditaci č.: 467/2025
Oblast akreditace: Zdravotnická laboratoř - ČSN EN ISO 15189 ed. 3:2023
Aktualizováno dne: 6.5.2026

Vyšetření:

Poř. číslo	Analyt / parametr/diagnostika	Princip vyšetření	Identifikace postupu/ přístrojové vybavení	Vyšetřovaný materiál	Stupně volnosti ¹
802 – Lékařská mikrobiologie					
1.	Průkaz nukleových kyselin infekčních agens	Real-Time PCR	SOP-708, verze 2; PP-050, verze 2; PP-063, verze 1; Agilent Bravo; CFX Real Time PCR; CFX Opus 384 Real Time PCR; Light Cyclor 480	Výtěr z krku, uretrální stěr, cervikální stěr, rektální stěr, orofaryngeální stěr, stěr z infekčního ložiska, krev	A, B, C, D
2.	Markery HIV	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 2; Cobas e411	Sérum, plazma	A, B
3.	Protilátky proti infekčnímu agens	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 2; Cobas e411	Sérum, plazma	A, B, C
4.	Antigeny infekčních agens	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 2; Cobas e411	Sérum, plazma	A, B, C
5.	Nespecifické protilátky proti <i>Treponema pallidum</i>	Aglutinace	SOP-463, verze 1	Sérum, plazma	A, B
813 - Laboratoř alergologická a imunologická					
1.	Vyšetření HLA systému	PCR s reverzní hybridizací	SOP-704, verze 4; PP-047, verze 1	Krev, bukalní stěr	A, B, C, D

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816 - Laboratoř lékařské genetiky					
1.	Vyšetření germinálního genomu	Real-Time PCR	SOP-701, verze 3; PP-001, verze 3; PP-002, verze 3; PP-003, verze 3; PP-004, verze 3; PP-005, verze 3; PP-007, verze 3; PP-008, verze 1; Light Cycler 480	Krev, bukalní stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
2.	Vyšetření germinálního genomu	MLPA	SOP-702, verze 7; PP-013, verze 5; PP-014, verze 6; SeqStudio; NextSeq 550 AVITI	Krev, bukalní stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
3.	Vyšetření germinálního genomu	NGS-MPS	SOP-703, verze 5 6; PP-017, verze 6; PP-018, verze 1; PP-020, verze 2; PP-065, verze 1 NextSeq 550 AVITI	Krev, bukalní stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
4.	Vyšetření somatického genomu	NGS-MPS	SOP-703, verze 5; PP-018, verze 1; PP-057, verze 2; NextSeq 550 AVITI	Krev	A, B, C, D

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5.	Vyšetření variant germinálního genomu	PCR s fragmentační analýzou	SOP-418, verze 4; SOP-705, verze 2; PP-044, verze 1; PP-045, verze 2; PP-046, verze 2; SeqStudio	Krev, bukalní stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
6.	Vyšetření HLA systému	PCR s reverzní hybridizací	SOP-704, verze 4; PP-019, verze 5	Krev, bukalní stěr	A, B, C, D
7.	Vyšetření variant germinálního genomu	Sangerovo sekvenování	SOP-707, verze 1; SOP-526, verze 3; PP-060, verze 1; PP-061, verze 1; SeqStudio	Krev, bukalní stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D

Upřesnění rozsahu akreditace:

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
802/1	DNA: <i>Chlamydia trachomatis</i> , <i>Neisseria gonorrhoeae</i> , <i>Mycoplasma hominis</i> , <i>Mycoplasma genitalium</i> , <i>Ureaplasma parvum</i> , <i>Ureaplasma urealyticum</i> , <i>Trichomonas vaginalis</i> , <i>Gardnerella vaginalis</i> , <i>Treponema pallidum</i> , virus Hepatitidy B, <i>Herpes simplex virus 1,2</i> ; RNA: HIV, virus Hepatitidy C
802/2	Ab anti HIV 1,2 (Ig total) a Ag HIV p24
802/3	virus Hepatitidy A: protilátky anti-HAV IgM, anti-HAV IgG; virus Hepatitidy B: protilátky anti-HBs, anti-HBc, anti-HBc IgM, anti-HBe; virus Hepatitidy C: protilátky anti-HCV; protilátky proti <i>Treponema pallidum</i> Cytomegalovirus, virus Epstein-Barrové, <i>Toxoplasma gondii</i> ve třídě IgM, IgG; protilátky proti <i>Herpes simplex virus 1,2</i> ve třídě IgG
802/4	antigeny proti viru hepatitidy B: HBsAg, HBeAg
813/1	Stanovení alel/alelických skupin pro celiakii: HLA-DQA1, HLA-DQB1
816/1	Detekované mutace pomocí metody Real-Time PCR: G1691A v genu pro Faktor V, G20210A v genu pro Faktor II, C677T v genu pro MTHFR, A1298C v genu pro MTHFR; c.181T>G, c.213-12A>G, c.5266dupC, c.68_69del2, c.1687C>T, c. 843_846del4, c. 4243delG v genu <i>BRCA1</i> , c.8537_8538del2, c.658_659del2, c.3847_3848del2, c.5645C>A v genu <i>BRCA2</i> , mutace C282Y a H63D v genu <i>HFE</i>

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	<p>BANK1, BAPI, BARX2, BAX, BAZ1B, BBS1, BBS10, BBS12, BBS2, BBS4, BBS5, BBS7, BBS9, BCAM, BCAT2, BCHE, BCKDHA, BCKDHB, BCKDK, BCL10, BCL11A, BCL2, BCL2L1, BCL2L11, BCL2L2, PABPN1, BCL6, BCL9, BCMO1, BCOR, BCORL1, BCR, BCS1L, BDNF, BEAN1, BEST1, BFSP1, BFSP2, BGN, BHLHA9, BHLHE41, BICCI, BIN1, BLK, BLM, BLMH, BLNK, BLOC1S5, BLOC1S6, BLVRA, BM11, BMP1, BMP15, BMP2, BMP4, BMP5, BMP7, BMPER, BMPR1A, BMPR1B, BMPR2, BNC2, BOC, BOLA3, BPGM, BRAF, BRAT1, BRCC3, BRD1, BRD2, BRF1, BRSK2, BRWD1, BRWD3, BSCL2, BSG, BSND, BTBD9, BTD, BTK, BUB1, BUB1B, C12orf57, C15orf62, C16orf58, C18orf8, C1GALT1, C1GALT1C1, CIQA, CIQB, CIQC, CIR, CIS, C21orf91, C2CD5, C2orf42, C2orf71, C3, C3AR1, C4orf19, C4orf26, C5, C5AR2, C5orf42, C6, C7, C7orf10, C8A, C8B, C8orf37, C9, C9orf72, CA1, CA12, CA2, CA4, CA8, CABIN1, CABP2, CABP4, CACNA1A, CACNA1C, CACNA1D, CACNA1E, CACNA1F, CACNA1G, CACNA1H, CACNA1S, CACNA2D1, CACNA2D2, CACNA2D3, CACNA2D4, CACNB2, CACNB4, CACNG2, CACNG3, CACNG4, CADM1, CADPS2, CALCA, CALCR, CALCR1, CALH1, CALM1, CALM3, CALR, CALR3, CAMK4, CAMKMT, CAMSAP2, CAMTA1, CANTI, CAPN10, CAPN3, CARD11, CARD14, CARD9, CARTPT, CASC5, CASK, CASP1, CASP10, CASP12, CASP2, CASP8, CASQ2, CASR, CAT, CATSPER1, CATSPER2, CATSPER3, CATSPER4, CAV1, CAV3, CBF3, CBL, CBLB, CBRI, CBR3, CBS, CBX2, CBX4, CBY1, CC2D1A, CC2D2A, CCBE1, CCDC103, CCDC107, CCDC11, CCDC127, CCDC14, CCDC22, CCDC28B, CCDC39, CCDC40, CCDC50, CCDC66, CCDC78, CCDC8, CCDC88C, CCKAR, CCKBR, CCL11, CCL2, CCL3, CCL5, CCM2, CCND1, CCR2, CCR3, CCR5, CCR7, CCT5, CD109, CD151, CD177, CD19, CD200, CD207, CD209, CD244, CD247, CD27, CD2AP, CD320, CD36, CD38, CD3D, CD3E, CD3G, CD4, CD40, CD40LG, CD44, CD46, CD5, CD55, CD59, CD74, CD79A, CD79B, CD80, CD81, CD86, CD8A, CD96, CDA, CDAN1, CDC42, CDC42BPB, CDC6, CDC73, CDH13, CDH15, CDH23, CDH3, CDH5, CDH11, CDK16, CDK4, CDK5R1, CDK5RAP2, CDK6, CDK7, CDKALI, CDKL3, CDKL5, CDKN1A, CDKN1B, CDKN1C, CDKN2A, CDKN2B, CDKN2C, CDON, CDT1, CDX2, CDYL, CEACAM16, CEBPA, CEBPE, CEER2, CEL, CELSR1, CELSR2, CENPJ, CEP135, CEP152, CEP164, CEP290, CEP41, CEP57, CEP63, CEP85L, CERKL, CERS6, CES1, CES2, CETP, CFD, CFH, CFHR1, CFHR5, CFI, CFL2, CFP, CFTR, CGB, CHAT, CHD1L, CHD2, CHD3, CHD6, CHD7, CHD8, CHGA, CHI3L1, CHIA, CHIC2, CHIT1, CHKB, CHL1, CHM, CHMP1A, CHMP2B, CHMP4B, CHN1, CHPF, CHPF2, CHR1, CHRDL1, CHRM1, CHRM2, CHRM3, CHRNA1, CHRNA2, CHRNA3, CHRNA4, CHRNA5, CHRNA7, CHRNA9, CHRNB1, CHRNB2, CHRNB4, CHRND, CHRNE, CHRNG, CHST14, CHST3, CHST6, CHST7, CHST8, CHSY1, CHSY3, CHUK, CIB2, CIC, CIDEA, CITA, CILP, CIRH1A, CISD2, CISH, CITED2, CKM, CLCF1, CLCN1, CLCN2, CLCN3, CLCN4, CLCN5, CLCN6, CLCN7, CLCNKA, CLCNKB, CLDN1, CLDN14, CLDN16, CLDN19, CLEC10A, CLEC3B, CLEC7A, CLIC2, CLIP2, CLK2, CLMP, CLN3, CLN5, CLN6, CLN8, CLOCK, CLPTM1, CLPTMIL, CLRN1, CLTCL1, CLU, CMPK1, CNBP, CNGA1, CNGA3, CNGB1, CNGB3, CNKSR1, CNKSR2, CNNM2, CNNM4, CNOT4, CNPY3, CNR1, CNR2, CNTF, CNTN1, CNTN4, CNTNAP2, CNTNAP4, COA5, COCH, COG1, COG2, COG3, COG4, COG5, COG6, COG7, COG8, COL10A1, COL11A1, COL11A2, COL17A1, COL18A1, COL1A1, COL1A2, COL21A1, COL2A1, COL3A1, COL4A1, COL4A2, COL4A3, COL4A4, COL4A5, COL4A6, COL5A1, COL5A2, COL6A1, COL6A2, COL6A3, COL7A1, COL8A2, COL9A1, COL9A2, COL9A3, COLEC11, COLO, COMMD1, COMP, COMT, COQ2, COQ5, COQ6, COQ9, CORIN, CORO1A, COX10, COX14, COX15, COX4I1, COX4I2, COX6B1, COX7B, CP, CPA6, CPB2, CPE, CPLX2, CPN1, CPOX, CPS1, CPT1A, CPT2, CPZ, CRI, CR2, CRADD, CRB1, CRBN, CREB1, CREB3L3, CREBBP, CRELD1, CRISP2, CRKL, CRLF1, CRP, CRTAP, CRX, CRYAA, CRYAB, CRYBA1, CRYBA4, CRYBB1, CRYBB2, CRYBB3, CRYGA, CRYGB, CRYGC, CRYGD, CRYGS, CRYM, CSAG1, CSDE1, CSF1, CSF1R, CSF2, CSF2RA, CSF2RB, CSF3R, CSGALNACT1, CSH1, CSMD1, CSMD3, CSNK1D, CSNK1G1, CSNK2A2, CSRP3, CST3, CST6, CSTA, CSTB, CSTF2T, CTC1, CTDPI, CTF1, CTGF, CTH, CTHRCL, CTLA4, CTNNA3, CTNNB1, CTNND2, CTNS, CTRC, CTS4, CTSB, CTSC, CTSD, CTSG, CTSK, CTTNBP2, CUBN, CUEDC1, CUL2, CUL3, CUL4B, CUL5, CUL7, CX3CR1, CXCL12, CXCL5, CXCR1, CXCR4, CYB5A, CYB5R3, CYB5R4, CYBA, CYBB, CYBRD1, CYFIP1, CYLD, CYP11A1, CYP11B1, CYP11B2, CYP19A1, CYP1A2, CYP1B1, CYP21A1P, CYP21A2, CYP24A1, CYP26B1, CYP26C1, CYP27A1, CYP27B1, CYP2A13, CYP2A6, CYP2B6, CYP2C18, CYP2C19, CYP2C8, CYP2C9, CYP2D6, CYP2E1,</p>

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	<p>CYP2F1, CYP2J2, CYP2R1, CYP2U1, CYP3A4, CYP3A5, CYP3A7, CYP4A22, CYP4F12, CYP4F2, CYP4F22, CYP4F3, CYP4V2, CYP7A1, CYP7B1, CYR61, CYS1, D2HGDH, DACHI, DAD1, DAG1, DAO, DARC, DARS2, DAZ4, DAZL, DBH, DBT, DCAF17, DCBLD1, DCC, DCK, DCLRE1C, DCN, DCTD, DCTN1, DCX, DCXR, DDB2, DDC, DDHD1, DDHD2, DDOST, DDR2, DDRGK1, DDX25, DDX3X, DDX3Y, DDX58, DEAF1, DEF6, DEFB126, DES, DFNA5, DFNB31, DFNB59, DGCR14, DGCR2, DGKD, DGKE, DGUOK, DHCR24, DHCR7, DHDDS, DHH, DHODH, DHRS4L1, DHTKD1, DHX37, DIABLO, DIAPH1, DIAPH2, DIAPH3, DICER1, DIP2A, DIP2B, DIP2C, DIRC2, DIS3L2, DISC1, DISP1, DKC1, DKK3, DLAT, DLC1, DLD, DLECI, DLG2, DLG3, DLG4, DLGAP3, DLL1, DLL3, DLX3, DLX5, DLX6, DMCI, DMD, DMGDH, DMP1, DMPK, DMRT1, DMXL1, DNAAF1, DNAAF2, DNAAF3, DNAH1, DNAH5, DNAH9, DNAH, DNAI2, DNAJB2, DNAJB6, DNAJC19, DNAJC30, DNAJC5, DNAJC6, DNALI, DNASE1, DNASE1L3, DNASE2, DNMI, DNMI, DNMI2, DNMT1, DNMT3A, DNMT3B, DNMT3L, DOC2A, DOCK3, DOCK4, DOCK6, DOCK7, DOCK8, DOCK9, DOK1, DOK2, DOK5, DOK7, DOLK, DOLPP1, DOTIL, DPAGT1, DPCD, DPM1, DPM2, DPM3, DPP6, DPY19L2, DPYD, DPYS, DRD1, DRD2, DRD3, DRD4, DRD5, DSC2, DSC3, DSCAM, DSG1, DSG2, DSG3, DSG4, DSP, DSPP, DST, DTNA, DTNBPI, DUOX2, DUOX2A2, DUX4, DUX4L3, DVL2, DYM, DYNAP, DYNCIH1, DYNCIH2, DYRK1A, DYSF, DYX1C1, E2F1, E2F4, E2F5, EARS2, EBAG9, EBF4, EBP, ECE1, ECE2, ECH, ECMI, ECM2, ECSIT, EDA, EDA2R, EDAR, EDARADD, EDN1, EDN3, EDNRA, EDNRB, EFCAB5, EFEMP1, EFEMP2, EFHC1, EFHC2, EFNA5, EFNBI, EFR3A, EFTUD2, EGF, EGFR, EGLN1, EGR2, EHBPI, EHD2, EHHADH, EHMT1, EIF2AK3, EIF2B1, EIF2B2, EIF2B3, EIF2B4, EIF2B5, EIF2D, EIF2S3, EIF4E, EIF4G1, EIF4H, ELAC2, ELANE, ELF4, ELK1, ELK3, ELMOD2, ELN, ELOVL4, ELP2, ELP4, EMC4, EMD, EME1, EMG1, EMX1, EMX2, EN2, ENAM, ENG, ENOX1, ENPPI, ENTPD1, EOMES, EP300, EPAS1, EPB41, EPB41L1, EPB41L2, EPB42, EPC2, EPHA2, EPHA3, EPHA5, EPHA7, EPHB2, EPHB6, EPHX1, EPHX2, EPM2A, EPO, EPOR, EPX, ERAP1, ERAP2, ERBB2, ERBB3, ERBB4, ERCC1, ERCC2, ERCC3, ERCC4, ERCC5, ERCC6, ERCC8, ERLIN2, ERMAP, ERRF1, ESCO2, ESPN, ESRI, ESR2, ESSRB, ETFA, ETFB, ETFDH, ETHE1, ETV4, ETV6, EVC, EVC2, EVI5, EWSR1, EXO1, EXO5, EXOC4, EXOSC3, EXPH5, EXT1, EXT2, EXTL1, EXTL2, EXTL3, EYAI, EYAA, EYS, EZH2, F10, F11, F12, F13A1, F13B, F2, F2RL1, F5, F7, F8, F9, FA2H, FAAH, FAAH2, FABP1, FABP2, FADD, FAH, FAMI20A, FAMI26A, FAMI34B, FAMI61A, FAMI75A, FAM205A, FAM20A, FAM20C, FAM47B, FAM58A, FAM83H, FAM8A1, FAM91A1, FAN1, FANCA, FANCB, FANCC, FANCD2, FANCE, FANCF, FANCG, FANCI, FANCL, FANCM, FARS2, FAS, FASLG, FASN, FASTKD2, FBLN1, FBLN5, FBNI, FBN2, FBPI, FBXL6, FBXO10, FBXO11, FBXO18, FBXO7, FBXW11, FBXW4, FBXW7, FCER1G, FCGR2A, FCGR2B, FCN2, FCN3, FDFT1, FECH, FEM1A, FEM1B, FERMT1, FERMT3, FEZF2, FFAR1, FFAR4, FGA, FGB, FGD1, FGD3, FGD4, FGF10, FGF14, FGF2, FGF23, FGF3, FGF8, FGF9, FGFR1, FGFR2, FGFR3, FGFR4, FGFRL1, FGG, FH, FHIT, FHL1, FHL2, FIG4, FIGLA, FIP1L1, FKBP10, FKBP14, FKBP1A, FKBP4, FKBP5, FKBP6, FKBP8, FKRP, FKTN, FLCN, FLG, FLII, FLNA, FLNB, FLNC, FLOT1, FLT1, FLT3, FLT4, FLVCR1, FLVCR2, FMN1, FMN2, FMO1, FMO2, FMO3, FMO4, FMO5, FMOD, FMRI, FMRI_ASI, FN1, FN3K, FOLH1, FOLR1, FOXA1, FOXA2, FOXA3, FOXC1, FOXC2, FOXD3, FOXE1, FOXE3, FOXF1, FOXF2, FOXG1, FOXH1, FOXI1, FOXJ1, FOXK1, FOXL2, FOXMI, FOXNI, FOXO1, FOXPI, FOXPD, FOXPF, FOXRED1, FPGS, FPR1, FRAS1, FREM1, FREM2, FREM3, FRK, FRMD5, FRMD7, FRMPD4, FRY, FRZB, FSCB, FSCN2, FSHB, FSHR, FST, FSTL1, FTCD, FTHL17, FTO, FTSJ1, FUCAL, FUS, FUT1, FUT2, FUT3, FUT6, FUT7, FUT8, FUZ, FXN, FXYD2, FYCO1, FZD3, FZD4, FZD6, FZD9, G6PC, G6PC2, G6PC3, G6PD, GAA, GABARAPL1, GABBRI, GABRA1, GABRA2, GABRA6, GABRB3, GABRD, GABRG1, GABRG2, GABRR2, GADI, GAD2, GADD45A, GAK, GAL3ST1, GAL3ST2, GAL3ST3, GAL3ST4, GALC, GALE, GALK1, GALNS, GALNT11, GALNT12, GALNT13, GALNT14, GALNT18, GALNT2, GALNT3, GALNT5, GALNT6, GALNT7, GALNT8, GALNT9, GALNTL6, GALT, GAMT, GAN, GAP43, GARS, GAS1, GAS2L2, GATA1, GATA2, GATA3, GATA4, GATA5, GATA6, GATAD1, GATM, GBA, GBE1, GBGT1, GC, GCDH, GCGR, GCHI, GCK, GCKR, GCLC, GCLM, GCM2, GCNT1, GCNT2, GDAP1, GDF1, GDF3, GDF5, GDF6, GDF9, GDII, GDNF, GFAP, GFII, GFII2, GFII3, GFMI, GFPT1, GFRA1, GFRA2, GGCC, GGH, GHI, GH2, GHR, GHRH, GHRHR, GHRL, GHSR, GIF, GIGYF2, GIMAP8, GIP, GIPC3, GIPR, GIT1, GJA3, GJA5, GJA8, GJB1, GJB2, GJB3,</p>

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	<p>GJB4, GJB6, GJC2, GJC3, GK, GLA, GLB1, GLCCH, GLDC, GLE1, GLI2, GLI3, GLIS2, GLIS3, GLMN, GLO1, GLP1R, GLRA1, GLRB, GLRX5, GLUL, GLYCTK, GM2A, GMDS, GMPS, GNAI2, GNAI3, GNAQ, GNAS, GNAT1, GNAT2, GNB1L, GNB3, GNE, GNG7, GNMT, GNPAT, GNPTAB, GNPTG, GNRH1, GNRHR, GNS, GOLGA3, GOLGA5, GON4L, GOPC, GORAB, GOSR2, GOT1, GP1BA, GP6, GP9, GPAM, GPATCH8, GPBARI, GPC3, GPC4, GPC6, GPD1, GPD1L, GPD2, GPHN, GPI, GPIHBP1, GPNMB, GPR1, GPR12, GPR132, GPR139, GPR143, GPR179, GPR37, GPR56, GPR98, GPS1, GPSM2, GPT, GRB10, GREM1, GRHL1, GRHL2, GRHPR, GRIA1, GRIA3, GRID1, GRID2, GRIK1, GRIK2, GRIK4, GRIN1, GRIN2A, GRIN2B, GRIN3A, GRIPI, GRK1, GRK4, GRM1, GRM5, GRM6, GRM7, GRN, GRPR, GRXCRI, GSC, GSE1, GSN, GSPT2, GSR, GSS, GSTA2, GSTA3, GSTM1, GSTM3, GSTO1, GSTP1, GSTT1, GSTZ1, POMGNT2(GTDC2), GTF2H5, GTF2I, GTF2IRD1, GUCA1A, GUCA1B, GUCY2C, GUCY2D, GUCY2F, GUSB, GYG1, GYG2, GYLTL1B, GYP A, GYPC, GYPE, GYS1, GYS2, H6PD, HABP2, HACE1, HADH, HADHA, HADHB, HAL, HAMP, HAND1, HAND2, HAPLN1, HARS, HARS2, HAVCRI, HAX1, HBB, HBD, HBE1, HBM, HCCS, HCFCl, HCN1, HCN2, HCN3, HCN4, HCRT, HCRTR2, HDAC4, HDAC6, HDAC8, HDAC9, HDC, HDGFRP2, HDLBP, HDX, HEATR2, HEPACAM, HEPH, HERC1, HES7, HESX1, HEXA, HEXB, HEY1, HEY2, HFE, HFE2, HGD, HGF, HGSNAT, HIBCH, HIF1A, HIGD2A, HINT1, HIP1, HIST1H2AE, HIST3H3, HK1, HK2, HLA_A, HLA_B, HLA_C, HLA_DQA1, HLA_DQB1, HLA_DRB5, HLA_G, HLCS, HLX, HMBS, HMCN1, HMG A2, HMGCL, HMGCR, HMGCS2, HMHA1, HMMR, HMOX1, HMX1, HMX2, HNF1A, HNF1B, HNF4A, HNMT, HNRNPH3, HNRNPU, HOGA1, HOXA1, HOXA10, HOXA11, HOXA13, HOXA2, HOXA3, HOXA4, HOXB1, HOXB13, HOXB6, HOXB8, HOXC13, HOXD10, HOXD13, HOXD4, HP, HPCAL4, HPD, HPGD, HPRT1, HPS1, HPS3, HPS4, HPS5, HPS6, HPSE2, HR, HRAS, HRG, HSD11B1, HSD11B2, HSD17B10, HSD17B3, HSD17B4, HSD3B1, HSD3B2, HSD3B7, HSF1, HSF4, HSP90A A1, HSPA9, HSPB1, HSPB3, HSPB6, HSPB7, HSPB8, HSPG2, HTN3, HTR1A, HTR1B, HTR2A, HTR2B, HTR2C, HTR3A, HTR3B, HTR3C, HTR7, HTRA1, HTRA2, HTT, HUWE1, HYAL1, HYDIN, HYL S1, IAPP, ICAM1, ICAM4, ICK, ICOS, ID3, ID4, IDH1, IDH2, IDH3B, IDO1, IDS, IDUA, IER3IP1, IFIH1, IFITM3, IFITM5, IFNAR1, IFNAR2, IFNG, IFNGR1, IFNGR2, IFNL4, IFRD1, IFT122, IFT140, IFT172, IFT43, IFT80, IFT88, IGBP1, IGF1, IGF1R, IGF2, IGF2BP2, IGF2R, IGFALS, IGFBP7, IGHMBP2, IGLL1, IGSF1, IHH, IKBIP, IKBKAP, IKBKB, IKBKG, IKZF1, IKZF3, IL10, IL10RA, IL10RB, IL11, IL11RA, IL12B, IL12RB1, IL12RB2, IL13, IL17F, IL17RA, IL18RAP, IL1B, IL1R1, IL1RAPL1, IL1RN, IL20RB, IL21R, IL23R, IL2RA, IL2RG, IL3, IL31RA, IL36RN, IL4, IL4R, IL6, IL6R, IL6ST, IL7R, IL9R, ILDR1, ILK, IMMP2L, IMPAD1, IMPDH1, IMPDH2, IMPG2, INF2, INGI, INHA, INMT, INPP5B, INPP5D, INPP5E, INS, INSL3, INSL6, INSR, INVS, IQCBI, IQGAP2, IQGAP3, IQSEC2, IRAK3, IRAK4, IRF1, IRF4, IRF5, IRF6, IRF8, IRGM, IRS1, IRS2, IRS4, IRX4, IRX5, ISCU, ISL1, ISPD, ITCH, ITGA1, ITGA2, ITGA2B, ITGA3, ITGA6, ITGA7, ITGA9, ITGAM, ITGB1, ITGB2, ITGB3, ITGB4, ITGB6, ITIH4, ITIH6, ITK, ITM2B, ITPA, ITPKC, ITPRI, ITS N2, IVD, IYD, JAG1, JAG2, JAK2, JAK3, JAM3, JMJDC, JPH2, JPH3, JRK, JUN, JUNB, JUP, KAL1, KALRN, KANK1, KARS, KAT2A, KAT6A, KAT6B, KATNAL2, KBTBD13, KCNA1, KCNA4, KCNA5, KCNA6, KCNAB1, KCNAB2, KCNC3, KCND2, KCND3, KCNE1, KCNE1L, KCNE2, KCNE3, KCNE4, KCNH2, KCNH3, KCNIP4, KCNJ1, KCNJ10, KCNJ11, KCNJ12, KCNJ13, KCNJ2, KCNJ5, KCNJ6, KCNJ8, KCNK18, KCNK3, KCNK9, KCNMA1, KCNMB1, KCNMB4, KCNN2, KCNN3, KCNQ1, KCNQ2, KCNQ3, KCNQ4, KCNQ5, KCNS1, KCNT1, KCNV1, KCNV2, KCTD13, KCTD7, KDM3A, KDM5A, KDM5C, KDM6A, KDM6B, KDR, KEL, KERA, KHDC3L, KHK, KIAA0100, KIAA0196, KIAA0226, KIAA0232, KIAA0319, KIAA1033, KIAA1199, KIAA1279, KIAA1432, KIAA1462, KIAA2022, KIF11, KIF17, KIF1A, KIF1B, KIF21A, KIF22, KIF27, KIF3C, KIF5A, KIF7, KIR2DL3, KIRREL3, KISS1, KISS1R, KIT, KITLG, KL, KLC1, KLF1, KLF10, KLF11, KLF6, KLF8, KLHDC8B, KLHL10, KLHL3, KLHL7, KLHL9, KLK1, KLK12, KLK4, KLKB1, KMT2D, KNG1, KPNA1, KRAS, KRIT1, KRT1, KRT10, KRT12, KRT13, KRT14, KRT16, KRT17, KRT18, KRT2, KRT3, KRT37, KRT38, KRT4, KRT5, KRT6A, KRT74, KRT75, KRT8, KRT81, KRT83, KRT85, KRT86, KRT9, KRTAP1_1, KYNU, LICAM, L2HGDH, L3MBTL1, LAMA1, LAMA2, LAMA3, LAMA4, LAMB1, LAMB2, LAMB3, LAMB4, LAMC2, LAMC3, LAMP2, LAMTOR2, LARGE, LAS1L, LBR, LCA5, LCAT, LCE3B, LCE5A, LCK, LCN10, LCT, LDB1, LDB3, LDHA, LDHB, LDLR, LDLRAP1, LECT2, LEF1, LEFTY2, LEMD3, LEP, LEPR, LEPRE1, LEPREL1, LETM1, LFNG, LGALS13, LGALS2, LGH,</p>

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	<p><i>LGI4, LGR5, LHB, LHCGR, LHFPL5, LHX1, LHX3, LHX4, LHX8, LIAS, LIF, LIFR, LIG1, LIG3, LIG4, LILRA3, LIM2, LIMK1, LINC00470, LINC00523, LINS, LIPA, LIPC, LIPG, LIPH, LIPI, LIPN, LITAF, LLGL1, LMAN1, LMBR1, LMBRD1, LMF1, LMNA, LMNB1, LMNB2, LMO2, LMO4, LMTK3, LMX1B, LOC100271832, LOC100996485, LOC338817, LOR, LOX, LOXHD1, LOXLI, LPA, LPAR6, LPIN1, LPIN2, LPIN3, LPL, LPP, LRAT, LRBA, LRFN5, LRIT3, LRP1, LRP1B, LRP2, LRP4, LRP5, LRP6, LRP8, LRPPRC, LRRC4, LRRC6, LRRC8A, LRRFIP2, LRRIQ1, LRRK2, LRRTM1, LRSAM1, LRTOMT, LTBP1, LTBP2, LTBP3, LTBP4, LTBR, LTC4S, LTNI, LUM, LY96, LYN, LYST, LYZ, LZTFL1, LZTS1, MACROD2, MADIL1, MADD, MAEA, MAF, MAF4, MAFB, MAGEE2, MAGEL2, MAGI2, MAGT1, MAK, MALTI, MAML2, MAMLD1, MANIA2, MANIB1, MAN2A1, MAN2B1, MANBA, MAOA, MAOB, MAP2, MAP2K1, MAP2K2, MAP2K3, MAP2K4, MAP2K7, MAP3K1, MAP3K14, MAP3K15, MAP3K8, MAP6, MAP7D1, MAPK1, MAPK10, MAPK8IP1, MAPT, MARS2, MARVELD2, MASPI, MASP2, MASTL, MATIA, MATN3, MATR3, MAX, MBD1, MBD3, MBD4, MBD5, MBL2, MBNL1, MBOAT7, MBTPS2, MC1R, MC2R, MC3R, MC4R, MCC, MCCCL, CCC2, MCEE, MCFD2, MCHRI, MCM4, MCM5, MCM6, MCM9, MCOLN1, MCPH1, MDGA2, MDK, MDM2, MDNI, ME2, MECOM, MECP2, MED12, MED13L, MED17, MED23, MED25, MEF2A, MEF2C, MEFV, MEGF10, MEGF11, MEGF8, MEIS1, MEN1, MEPE, MERTK, MESDC2, MESP2, MEST, MET, MFAP4, MFF, MFGES, MFN2, MFRP, MFS8, MGAT1, MGAT2, MGAT3, MGAT4A, MGAT4B, MGAT4C, MGAT5, MGAT5B, MGLL, MGMT, MGP, MGST2, MGST3, MICA, MIDI, MIF, MINPPI, MIP, MIPOL1, MIR182, MIR183, MIR96, MITF, MKKS, MKL1, MKS1, MLC1, MLH3, MLLT10, MLLT11, MLLT3, MLPH, MLXIPL, MLYCD, MMAA, MMAB, MMACHC, MMADHC, MME, MMEL1, MMP1, MMP13, MMP14, MMP2, MMP20, MMP3, MMP8, MMP9, MNI, MNX1, MOCOS, MOCSI, MOCS2, MOG, MOGS, MOK, MPC1, MPDUI, MPDZ, MPG, MPHOSPH8, MPI, MPL, MPLKIP, MPO, MPP6, MPST, MPV17, MPZ, MRI, MRAP, MRC1, MRE11A, MREG, MRPL3, MRPL48, MRPS16, MRPS22, MRRF, MS4A1, MS4A12, MS4A2, MSH3, MSMB, MSMO1, MSRI, MSRA, MSRB3, MST1, MST1R, MSTN, MSX1, MSX2, MTA1, MTA2, MTAP, MTFMT, MTHFD1, MTHFR, MTHFS, MTM1, MTMR14, MTMR2, MTMR9, MTNRI1A, MTNRI1B, MTO1, MTPAP, MTR, MTRR, MTSS1, MTPP, MUC5B, MUC7, MURC, MUS81, MUSK, MUT, MYK, MYH, MYB, MYBPC1, MYBPC3, MYC, MYCN, MYD88, MYF5, MYF6, MYH11, MYH14, MYH2, MYH3, MYH6, MYH7, MYH8, MYH9, MYL1, MYL2, MYL3, MYLK, MYLK2, MYO15A, MYO1A, MYO1C, MYO1D, MYO1E, MYO1F, MYO3A, MYO5A, MYO5B, MYO5C, MYO6, MYO7A, MYO7B, MYO9B, MYOC, MYOCD, MYOD1, MYOM1, MYOT, MYOZ2, MYPN, MYTI, MYTIL, NAA10, NAALADL2, NAGA, NAGLU, NAGPA, NAGS, NAIP, NAPRT1, NARS2, NAT1, NAT2, NAT8L, NAV2, NBAS, NBEA, NBEAL2, NBPF1, NCALD, NCAPD2, NCF2, NCF4, NCKAP1, NCOA1, NCOA4, NCR3, NCSI, NCSTN, NDE1, NDN, NDOR1, NDP, NDRG1, NDST1, NDST2, NDST3, NDST4, NDUFA1, NDUFA10, NDUFA11, NDUFA12, NDUFA13, NDUFA2, NDUFA4, NDUFA6, NDUFA8, NDUFA9, NDUFAF1, NDUFAF3, NDUFAF4, NDUFAF5, NDUFAF6, NDUFAF7, NDUFB1, NDUFB3, NDUFB9, NDUFS1, NDUFS2, NDUFS3, NDUFS4, NDUFS5, NDUFS6, NDUFS7, NDUFS8, NDUFV1, NDUFV2, NDUFV3, NEB, NEBL, NEDD4, NEDD4L, NEFH, NEFL, NEFM, NEGRI, NEIL1, NEIL2, NEK1, NEK8, NEU2, NEUROD1, NEUROG3, NEXN, NF1, NF2, NFATC2, NFATC3, NFATC4, NFE2L1, NFIA, NFIB, NFIX, NFKB2, NFKB1A, NFKB1Z, NFU1, NGF, NGLY1, NHEJ1, NHLRC1, NHS, NICN1, NIN, NINJ1, NIPAI, NIPAL4, NIPBL, NIPSNAP1, NIPSNAP3A, NKAIN2, NKX2_1, NKX2_5, NKX2_6, NKX3_1, NKX3_2, NLGN1, NLGN2, NLGN3, NLGN4X, NLGN4Y, NLRP1, NLRP12, NLRP14, NLRP2, NLRP3, NLRP7, NLRX1, NME1, NME5, NME7, NME8, NMNAT1, NMT2, NMU, NNT, NOBOX, NOD1, NOD2, NODAL, NOG, NOL3, NOP10, NOP56, NOS1, NOS1AP, NOS2, NOS3, NOTCH1, NOTCH2, NOTCH3, NOX3, NPAS2, NPAS3, NPAT, NPC1, NPC1L1, NPC2, NPFFR2, NPHP1, NPHP3, NPHP4, NPHS1, NPHS2, NPL, NPM1, NPPA, NPPC, NPR2, NPSRI, NPY, NPY1R, NPY2R, NQO1, NR0B1, NR0B2, NR1H2, NR1H3, NR1H4, NR1H2, NR1H3, NR2E1, NR2E3, NR2F1, NR2F2, NR3C1, NR3C2, NR4A1, NR4A2, NR4A3, NR5A1, NRAS, NRCAM, NRG1, NRL, NRP2, NRTN, NRXN1, NRXN2, NRXN3, NSD1, NSDHL, NSMF, NSUN2, NSUN7, NT5C3A, NT5E, NTF3, NTF4, NTHL1, NTNG1, NTRK1, NTRK2, NTRK3, NUAK1, NUBPL, NUDC, NUDT1, NUMA1, NUP155, NUP214, NUP62, NXF5, NXNLI, NYX, OAS1, OAS2, OAT, OBSCN, OBSL1, OCA2, OCLN, OCRL, ODC1, OFD1, OGG1, OGT, OLFM2, OLIG2, OLRI, OMG, OPA1, OPA3, OPCML, OPHN1, OPLAH, OPN1SW, OPRL1, OPRM1, OPTC, OPTN,</i></p>

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	<p>OR10X1, OR13G1, OR1B1, OR51G1, OR52H1, OR52N4, OR5AC2, OR5H6, OR8K3, ORAH1, ORC1, ORC4, ORC6, OSMR, OSTM1, OTC, OTOA, OTOF, OTOG, OTOGL, OTX2, OVCH2, OXCT1, P2RX1, P2RX5, P2RX7, P2RY12, P2RY4, PABPC4L, PACRG, PACSI, PADI4, PAFAH1B1, PAFAH1B3, PAH, PAK3, PALLD, PAMR1, PANK2, PAPSS2, PARD3B, PARK2, PARK7, PARL, PARP1, PASK, PAX1, PAX2, PAX3, PAX4, PAX5, PAX6, PAX7, PAX8, PAX9, PBX1, PC, PCBD1, PCBP3, PCCA, PCCB, PCDH11X, PCDH15, PCDH18, PCDH19, PCDHA1, PCDHA10, PCDHA13, PCDHB4, PCK2, PCLO, PCMI, PCMT1, PCNT, PCOLCE, PCP4, PCSK1, PCSK5, PCSK9, PDCD1, PDCD10, PDE11A, PDE1B, PDE1D, PDE6A, PDE6B, PDE6C, PDE6G, PDE6H, PDE8B, PDGFB, PDGFRA, PDGFRB, PDGFRL, PDHA1, PDHB, PDHX, PDK1, PDLIM3, PDLIM4, PDPI, PDPK1, PDSSI, PDSS2, PDX1, PDYN, PDZD7, PECR, PEPD, PER1, PER2, PEX1, PEX10, PEX11B, PEX12, PEX13, PEX14, PEX16, PEX19, PEX2, PEX26, PEX3, PEX5, PEX6, PEX7, PFKM, PFN1, PGAM2, PGAM5, PGK1, PGMI, PGR, PGRMC1, PHB, PHEX, PHF11, PHF2, PHF3, PHF6, PHF8, PHGDH, PHIP, PHKA1, PHKA2, PHKB, PHKG2, PHLPP2, PHOX2A, PHOX2B, PHYH, PICALM, PICK1, PIF1, PIGA, PIGL, PIGM, PIGN, PIGO, PIGR, PIGV, PIGZ, PIK3CA, PIK3CB, PIK3CD, PIK3R1, PIK3R2, PIK3R5, PIKIFYVE, PIMI, PIN1, PINK1, PIP5K1C, PITPNA, PITPNM3, PITX1, PITX2, PITX3, PKD1, PKD2, PKHD1, PKLR, PKM, PKN3, PKP1, PKP2, PLA2G10, PLA2G2A, PLA2G4A, PLA2G5, PLA2G6, PLA2G7, PLAG1, PLAGL1, PLAU, PLCB1, PLCB4, PLCD1, PLCE1, PLCG2, PLCZI, PLD2, PLEC, PLEKHG4, PLEKHG5, PLG, PLIN1, PLOD1, PLOD2, PLOD3, PLP1, PLP2, PLSCR3, PLTP, PML, PMM2, PMP22, PMS1, PNKD, PNKP, PNLIP, PNMT, PNP, PNPLA1, PNPLA2, PNPLA6, PNPO, PNPT1, POC1A, POF1B, POFUT2, POGZ, POLB, POLD1, POLE2, POLG, POLG2, POLH, POLL, POLRIC, POLRID, POLR3A, POLR3B, POLRMT, POMC, POMGNT1, POMP, POMT1, POMT2, PONI, PON2, PON3, POPI, POR, PORCN, POSTN, POU1F1, POU3F4, POU4F3, POU5F1, POU6F2, PPARA, PPARG, PPARGC1B, PPIB, PPM1B, PPM1D, PPM1G, PPM1K, PPOX, PPP1R12B, PPP1R17, PPP1R1A, PPP1R3A, PPP1R3C, PPP2R1B, PPP2R2A, PPP2R2B, PPP2R2C, PPP3CA, PPP3R1, PPT1, PQBP1, PRAF2, PRB1, PRB3, PRB4, PRCC, PRCD, PRCP, PRDM16, PRDM5, PRDM9, PREPL, PRF1, PRG4, PRICKLE1, PRICKLE2, PRKACA, PRKAG2, PRKAG3, PRKARIA, PRKCA, PRKCG, PRKCH, PRKCSH, PRKDC, PRKG2, PRLH, PRLR, PRM1, PRM2, PRMT10, PRMT3, PRMT7, PRND, PRNP, PROC, PROCR, PRODH, PROK1, PROK2, PROKR1, PROKR2, PROM1, PROP1, PROS1, PROX1, PROZ, PRPF3, PRPF31, PRPF6, PRPF8, PRPH, PRPH2, PRPS1, PRRT2, PRRX1, PRSS1, PRSS12, PRSS3P2, PRSS56, PRSS8, PRTG, PRX, PSAP, PSAT1, PSEN1, PSEN2, PSENEN, PSMA4, PSMA6, PSMB8, PSMC3IP, PSMD7, PSPH, PSPN, PSTPIP1, PSTPIP2, PTAFR, PTCD1, PTCH1, PTCH2, PTCHD1, PTCHD3, PTF1A, PTGDR, PTGER2, PTGER4, PTGIR, PTGIS, PTGS1, PTGS2, PTH, PTH1R, PTHLH, PTK7, PTPN1, PTPN11, PTPN12, PTPN14, PTPN22, PTPN6, PTPRC, PTPRJ, PTPRK, PTPRN2, PTPRO, PTPROQ, PTPRT, PTRF, PTS, PUS1, PVRL1, PVRL4, PXDN, PYCRI, PYGL, PYGM, PYY, PZP, QDPR, QKI, RAB11FIP5, RAB18, RAB23, RAB25, RAB27A, RAB27B, RAB2A, RAB39B, RAB3GAP1, RAB3GAP2, RAB7A, RAB7L1, RABGGTA, RABL6, RAC1, RAC2, RAD21, RAD21L1, RAD51, RAD51B, RAD52, RAD54B, RAD54L, RAF1, RAG1, RAG2, RAI1, RALGAP1, RALGDS, RANBP2, RANGRF, RAPIGDS1, RAPSN, RARA, RARS2, RAS1, RASGEF1B, RASGRP1, RASGRP2, RASSF5, RAX, RAX2, RB1, RB1CC1, RBBP8, RBFOX1, RBL1, RBL2, RBM10, RBM15, RBM20, RBM28, RBMXL2, RBP3, RBP4, RBPJ, RC3H1, RCBTB1, RCHY1, RD3, RDH12, RDH5, RDH8, RDX, RECQL4, REEP1, REL, RELN, REN, REPS2, RET, RETN, RFC2, RFT1, RFX2, RFX5, RFX6, RFX8, RFXANK, RFXAP, RGL1, RGMA, RGR, RGS2, RGS5, RGS7, RGS9, RGS9BP, RHAG, RHBDF2, RHCE, RHD, RHO, RHOG, RHOH, RHPN2, RIMS1, RIMS2, RIMS3, RIN2, RIOK2, RIPK1, RIT2, RLBP1, RMDN2, RMND1, RNASEH2A, RNASEH2B, RNASEH2C, RNASEL, RNASET2, RNF113A, RNF135, RNF139, RNF168, RNF170, RNF212, RNF213, RNF219_ASI, RNF6, ROBO1, ROBO2, ROBO3, ROCK1, ROGDI, ROM1, ROR2, RORA, ROS1, RPI1, RP1L1, RP2, RP9, RPA1, RPA4, RPE65, RPGR, RPGRIP1, RPGRIP1L, RPIA, RPL10, RPL11, RPL24, RPL35A, RPL36, RPL38, RPL5, RPL6, RPN2, RPS15, RPS17L, RPS19, RPS24, RPS26, RPS5, RPS6KA3, RPS6KL1, RPSAP52, RPTOR, RRAS2, RRH, RRM2B, RS1, RSC1A1, RSPH4A, RSPH9, RSPO1, RSPO4, RSRC1, RTN2, RTN4R, RTTN, RUNX1, RUNX2, RUNX3, RUVBL1, RXFP2, RXRA, RYK, RYR1, RYR2, SAA1, SACS, SAG, SAGE1, SALL1, SALL4, SAMD9, SAMHD1, SAR1B, SARDH, SARS2, SART3, SAT1, SATB2, SATL1, SBF2, SC5D,</p>

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	<p>SCARB1, SCARB2, SCARF2, SCGB1A1, SCGB3A2, SCLT1, SCN10A, SCN11A, SCN1A, SCN1B, SCN2A, SCN2B, SCN3A, SCN3B, SCN4A, SCN4B, SCN5A, SCN7A, SCN8A, SCN9A, SCNN1A, SCNN1B, SCNN1D, SCNN1G, SCO1, SCO2, SCP2, SCRIB, SCUBE2, SDC3, SDCCAG8, SDHA, SDHAF1, SDHAF2, SDHB, SDHC, SDHD, SEC23A, SEC23B, SEC63, SECISBP2, SELE, SELL, SELP, SELPLG, SEMA3A, SEMA3E, SEMA4A, SEMA4C, SEMA4G, SEMA6D, SEMA7A, SEMG1, SEPNI, SEPSECS, SEPT12., SEPT5 GP1BB, SEPT7, SERAC1, SERPINA1, SERPINA10, SERPINA3, SERPINA6, SERPINA7, SERPINB11, SERPINB5, SERPINB6, SERPINC1, SERPIND1, SERPINE1, SERPINF1, SERPINF2, SERPING1, SERPINH1, SERPINH2, SERPINI1, SERPINI2, SESN2, SETBP1, SETD2, SETD8, SETX, SEZ6, SEZ6L, SEZ6L2, SF3B1, SF3B4, SFRP1, SFTP1A1, SFTP1A2, SFTPB, SFTPC, SFTPD, SGCA, SGCB, SGCD, SGCE, SGCG, POMK(SGK196), SGSH, SH2B1, SH2B3, SH2D1A, SH3BP2, SH3GL1, SH3PXD2B, SH3TC2, SHANK2, SHANK3, SHARPIN, SHBG, SHFM1, SHH, SHMT1, SHOC2, SHOX, SHOX2, SHROOM3, SHROOM4, SI, SIAE, SIGLEC12, SIGLEC14, SIGMARI, SIK3, SIL1, SIM1, SIM2, SIPA1, SIPA1L1, SIRT1, SIRT3, SIX1, SIX2, SIX3, SIX5, SIX6, SKI, SLA2, SLC10A1, SLC10A2, SLC11A1, SLC11A2, SLC12A1, SLC12A3, SLC12A6, SLC13A2, SLC14A1, SLC15A1, SLC16A1, SLC16A12, SLC16A2, SLC17A3, SLC17A5, SLC17A8, SLC19A2, SLC19A3, SLC1A1, SLC1A3, SLC1A5, SLC20A2, SLC22A1, SLC22A12, SLC22A18, SLC22A2, SLC22A3, SLC22A4, SLC22A5, SLC22A6, SLC22A9, SLC24A1, SLC24A2, SLC24A5, SLC25A12, SLC25A13, SLC25A15, SLC25A19, SLC25A20, SLC25A22, SLC25A3, SLC25A38, SLC25A39, SLC25A4, SLC26A1, SLC26A10, SLC26A2, SLC26A3, SLC26A4, SLC26A5, SLC26A6, SLC26A9, SLC27A1, SLC27A4, SLC27A5, SLC28A1, SLC28A2, SLC28A3, SLC29A1, SLC29A2, SLC29A3, SLC2A1, SLC2A10, SLC2A2, SLC2A4, SLC2A9, SLC30A10, SLC30A2, SLC30A5, SLC30A8, SLC31A1, SLC33A1, SLC34A1, SLC34A2, SLC34A3, SLC35A1, SLC35C1, SLC35D1, SLC35F3, SLC35G2, SLC36A2, SLC37A4, SLC39A12, SLC39A13, SLC39A4, SLC3A1, SLC40A1, SLC41A1, SLC44A2, SLC45A2, SLC46A1, SLC47A1, SLC47A2, SLC4A1, SLC4A10, SLC4A11, SLC4A3, SLC4A4, SLC4A7, SLC52A1, SLC52A2, SLC52A3, SLC5A1, SLC5A11, SLC5A2, SLC5A5, SLC5A7, SLC6A1, SLC6A11, SLC6A12, SLC6A13, SLC6A14, SLC6A18, SLC6A19, SLC6A2, SLC6A20, SLC6A3, SLC6A4, SLC6A5, SLC6A6, SLC6A8, SLC6A9, SLC7A10, SLC7A11, SLC7A2, SLC7A5, SLC7A7, SLC7A9, SLC9A3, SLC9A3R1, SLC9A6, SLC9A9, SLC01A2, SLC01B1, SLC01B3, SLC01C1, SLC02A1, SLC02B1, SLC05A1, SLFN5, SLIT1, SLIT3, SLITRK1, SLITRK5, SLITRK6, SLURP1, SLX4, SMAD1, SMAD2, SMAD3, SMAD4, SMAD5, SMAD6, SMAD7, SMAD9, SMARCA2, SMARCA4, SMARCAD1, SMARCA11, SMARCB1, SMARCE1, SMC1A, SMC3, SMCHD1, SMG1, SMIM3, SMN2, SMO, SMOC1, SMOC2, SMPD1, SMPD3, SMPX, SMS, SMUG1, SNAI2, SNAP25, SNAP29, SNAPC5, SNCA, SNCAIP, SNCB, SNIP1, SNRK, SNRNP200, SNTA1, SNTB1, SNTG2, SNURF, SNX1, SNX10, SNX3, SOBP, SOCS3, SOD1, SOD2, SOD3, SOGA3, SOHLH1, SORCS1, SORL1, SORT1, SOS1, SOST, SOX10, SOX17, SOX18, SOX2, SOX3, SOX5, SOX6, SOX7, SOX9, SP110, SP7, SP8, SPAG17, SPANXN5, SPAST, SPATA13, SPATA16, SPATA21, SPATA31C1, SPATA7, SPECC1, SPECC1L, SPEF2, SPG11, SPG20, SPG21, SPG7, SPII, SPINK1, SPINK5, SPINT2, SPPI, SPR, SPRED1, SPRED2, SPRN, SPRY2, SPRY4, SPSB1, SPTA1, SPTAN1, SPTB, SPTBN1, SPTBN2, SPTBN5, SPTLC1, SPTLC2, SQSTM1, SRC, SRCAP, SRD5A2, SRD5A3, SREBF1, SREBF2, SRGAP3, SRI, SRP72, SRPX, SRPX2, SRR, SRY, SSH1, SSPN, SSTR5, SSX7, ST14, ST3GAL1, ST3GAL2, ST3GAL3, ST3GAL4, ST3GAL5, ST3GAL6, ST5, ST6GAL1, ST6GAL2, ST6GALNAC1, ST6GALNAC2, ST6GALNAC3, ST6GALNAC4, ST6GALNAC5, ST6GALNAC6, ST8SIA1, ST8SIA2, ST8SIA3, ST8SIA4, ST8SIA5, ST8SIA6, STAR, STARD9, STAT1, STAT3, STAT4, STAT5B, STEAP3, STIL, STIM1, STK11P, STK19, STK35, STK36, STK39, STK4, STOX1, STRA6, STRADA, STRC, STS, STT3A, STT3B, STX11, STX16, STXBP1, STXBP2, SUCLA2, SUCLG1, SUCO, SUFU, SULF1, SULT1A1, SULT1C2, SULT2A1, SULT2B1, SULT4A1, SUMF1, SUMO1, SUMO4, SUOX, SUPT16H, SURF1, SUV420H1, SUZ12, SV2B, SYCE2, SYCP3, SYK, SYN1, SYN2, SYNE1, SYNE2, SYNGR1, SYNM, SYNPO, SYNPR, SYP, SYT14, SYT17, SYT2, SYTL3, SYTL5, T, TAAR1, TAAR9, TAB2, TAC3, TACO1, TACR3, TACSTD2, TAF1, TAF15, TAF1C, TAF1L, TAF2, TAL1, TAL2, TALDOI, TAP2, TARDBP, TAS1R1, TAS1R3, TAS2R16, TAS2R3, TAS2R38, TAS2R46, TAT, TAZ, TBC1D23, TBC1D24, TBC1D4, TBC1D9, TBCE, TBK1, TBLIX, TBLIXR1, TBLIX, TBP, TBX1, TBX10, TBX15, TBX19, TBX2, TBX20, TBX21, TBX22, TBX3, TBX4, TBX5, TBX6, TBXA2R, TBXAS1, TCAP, TCF21, TCF3, TCF4, TCF7L1, TCF7L2, TCIRG1, TCNI,</p>

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	<p>TCN2, TCOF1, TCTE1, TCTE3, TCTN1, TCTN2, TCTN3, TDO2, TDPI, TDRD7, TEAD1, TEC, TECPR2, TECR, TECTA, TEK, TEKT2, TENC1, TENM2, TENM4, TERC, TERT, TET1, TET2, TEX14, TF, TFAM, TFAP2A, TFAP2B, TFB1M, TFE3, TFF1, TFG, TFPI, TFR2, TERC, TG, TGFB1, TGFB2, TGFB3, TGFB1, TGFBRI, TGFB2, TGFB3, TGIF1, TGM1, TGM2, TGM5, TGM6, TH, THAP1, THBD, THBS1, THBS2, THOC2, THPO, THRA, THRB, THSD7A, TICAM1, TIMM44, TIMM8A, TIMP3, TINAG, TINF2, TIRAP, TJP2, TK2, TLL1, TLR1, TLR2, TLR3, TLR4, TLR5, TLR6, TLR9, TLX1, TLX2, TLX3, TM1SF19, TMC1, TMC6, TMC8, TMC01, TMEM114, TMEM126A, TMEM127, TMEM135, TMEM138, TMEM165, TMEM173, TMEM187, TMEM216, TMEM231, TMEM237, TMEM43, TMEM5, TMEM67, TMEM70, TMEM8A, TMEM99, TMIE, TMLHE, TMPO, TMPRSS15, TMPRSS3, TMPRSS5, TMPRSS6, TMTC3, TNFRSF10B, TNFRSF11A, TNFRSF11B, TNFRSF13B, TNFRSF13C, TNFRSF14, TNFRSF1B, TNFRSF9, TNFSF11, TNFSF14, TNFSF4, TNKS, TNNC1, TNNI2, TNNI3, TNNI3K, TNNT1, TNNT2, TNNT3, TNPI, TNR, TNRC6B, TNS3, TNXB, TOP1, TOP2A, TOPORS, TORIA, TP53BP1, TP53RK, TP63, TP73, TPCN2, TPH1, TPH2, TPK1, TPML, TPM2, TPM3, TPMT, TPO, TPPI, TPRN, TPTE, TRADD, TRAF3, TRAF3IP2, TRAF6, TRAK1, TRAPPC9, TRDN, TREH, TREM2, TRERF1, TREX1, TRHR, TRIB2, TRIB3, TRIM21, TRIM24, TRIM32, TRIM33, TRIM37, TRIO, TRIOBP, TRIP11, TRIP12, TRIP13, TRMU, TROAP, TROVE2, TRPA1, TRPC3, TRPC4, TRPC6, TRPM1, TRPM2, TRPM3, TRPM4, TRPM6, TRPM7, TRPS1, TRPV1, TRPV3, TRPV4, TRPV5, TRRAP, TSCI, TSC2, TSEN2, TSEN34, TSEN54, TSFM, TSG101, TSHB, TSHR, TSHZ1, TSLP, TSPAN12, TSPAN17, TSPAN7, TSPEAR, TSPO, TSPYL1, TSSC4, TSSK4, TST, TTBK2, TTC19, TTC21B, TTC37, TTC8, TTI2, TLLI, TTN, TTPA, TTR, TUB, TUBA1A, TUBA8, TUBB1, TUBB2B, TUBB3, TUBGCP5, TUBGCP6, TUFM, TULP1, TUSC3, TWIST1, TWIST2, TXNIP, TXNRD2, TYK2, TYMP, TYMS, TYR, TYRO3, TYROBP, TYRPI, UACA, UBA1, UBAC2, UBE2A, UBE2B, UBE2NL, UBE3A, UBE3C, UBIAD1, UBQLN2, UBRI, UBR3, UBR7, UCHL1, UCN, UCPI, UCP2, UCP3, UFD1L, UGCG, UGGT1, UGGT2, UGT1A1, UGT1A10, UGT1A3, UGT1A4, UGT1A5, UGT1A6, UGT1A7, UGT1A8, UGT1A9, UGT2A1, UGT2B10, UGT2B17, UGT2B4, UGT2B7, UGT8, UIMC1, ULK4, UMOD, UMPS, UNC119, UNC13D, UNC5C, UNC5CL, UNC80, UNC93A, UNC93B1, UNG, UNKL, UPB1, UPF3B, UPK3A, UQCRB, UQCRES1, UQCRO, UROCI, UROD, UROS, USB1, USF1, USHC, USHG, USH2A, USPI, USP15, USP26, USP3, USP46, USP9X, USP9Y, UST, UTF1, UTP14C, UTRN, UVSSA, VAMP7, VANGL1, VANGL2, VAPB, VAX1, VCAM1, VCAN, VCL, VCP, VCX3A, VDR, VEGFA, VEGFC, VHL, VIM, VIPAS39, VKORC1, VLDLR, VMA21, VNN1, VPS13A, VPS13B, VPS33B, VPS35, VPS37A, VPS54, VRK1, VSIG4, VSX1, VSX2, VWF, WAS, WASF3, WBSCR17, WDFY3, WDPCP, WDR11, WDR13, WDR19, WDR35, WDR36, WDR4, WDR45, WDR45B, WDR62, WDR65, WDR72, WDR81, WFS1, WHSC1, WIPF1, WISP3, WNK1, WNK4, WNT10A, WNT10B, WNT3, WNT4, WNT5A, WNT7A, WRAP53, WRN, WTI, WWCI, WWOX, WWTRI, XBPI, XDH, XG, XIAP, XK, XKR6, XPA, XPC, XPNPEP2, XPNPEP3, XRCC1, XRCC2, XRCC3, XRCC4, XRCC5, XRCC6, XYLT1, XYLT2, YARS, YARS2, YBX2, YWHAE, YY1, ZAN, ZAP70, ZBTB16, ZBTB18, ZBTB24, ZBTB40, ZBTB41, ZC3H14, ZCCHC12, ZCCHC13, ZCCHC8, ZDHHHC15, ZDHHHC17, ZDHHHC2, ZDHHHC9, ZEB1, ZEB2, ZFAT, ZFHX3, ZFP36, ZFP36L1, ZFP36L2, ZFP69, ZFP90, ZFPM2, ZFYVE26, ZFYVE27, ZHX3, ZIC2, ZIC3, ZIC4, ZKSCAN5, ZMPSTE24, ZMYM3, ZNF175, ZNF213, ZNF335, ZNF365, ZNF41, ZNF419, ZNF420, ZNF423, ZNF433, ZNF469, ZNF480, ZNF513, ZNF526, ZNF592, ZNF644, ZNF674, ZNF711, ZNF750, ZNF75D, ZNF80, ZNF81, ZPBP, ZPBP2.</p>
816/4	TP53
816/5	<p>Detekované mutace v genu <i>CFTR</i>: CFTRdele2,3, E60X, P67L, G85E, 394delTT, 444delA, R117C, R117H, Y122X, 621+1G>T, 711+1G>T, L206W, 1078delT, R334W, R347P, R347H, A455E, I507del, F508del, 1677delTA, V520F, 1717-1G>A, G542X, S549R(T>G), S549N, G551D, R553X, R560T, 1811+1,6kbA>G, 1898+1G>A, 2143delT, 2184delA, 2347delG, W846X, 2789+5G>A, Q890X, 3120+1G>A, 3272-26A>G, R1066C, Y1092X(C>A), M1101K, D1152H, R1158X, R1162X, 3659delC, 3849+10kbC>T, S1251N, 3905insT, W1282X, N1303K</p>

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	Detekované mutace pomocí metody fragmentační analýzy v genu <i>BRCA1</i> : c.1881_1884del4, c.1938_1947del10, c.1953_1956del4, c.1961delA, c.2068delA, c.2411_2412del2, c.2488_2497dupAAGTATCCAT, c.3018_3021del4, c.3642_3643del2, c.3700_3704delGTAAA, c.3756_3759del4, c.4065_4068del4; v genu <i>BRCA2</i> : c.7913_7917del5, c.9403delC, c.9435_9436del2. Detekce inserce TA sekvence v genu <i>UGT1A1</i> .
816/6	Stanovení HLA znaků B*27 pro Morbus Bechtěrev
816/7	Všechny geny a cílené lokusy DNA vyšetřované v rámci masivně paralelního sekvenování (metoda 816/3)

Odběr primárních vzorků:

Poř. číslo	Technika odběru	Identifikace postupu odběru	Odebíraný materiál	Stupně volnosti ¹
1.	Venepunkce	SOP-521, verze 4	Žilní krev	A, B
2.	Bukální stěr	SOP-522, verze 4	Buňky sliznice ústní dutiny	A, B

Vysvětlivky:

¹ Zavedené stupně volnosti podle MPA 00-09-...:

A - Flexibilita týkající se dokumentovaného postupu vyšetření/odběru

B - Flexibilita týkající se techniky

C - Flexibilita týkající se analytů/parametrů

D - Flexibilita týkající se vyšetřovaného materiálu

E - Flexibilita týkající se míst poskytování POCT vyšetření

Není-li uveden žádný stupeň volnosti, nemůže laboratoř pro dané vyšetření uplatňovat flexibilní přístup k rozsahu akreditace.

HLA hlavní histokompatibilní systém člověka (z angl. Human Leucocyte Antigen)

MLPA multiplexová ligačně závislá amplifikace sond

NGS-MPS masivní paralelní sekvenování

PCR polymerázová řetězová reakce (z angl. Polymerase Chain Reaction)

Real-Time PCR polymerázová řetězová reakce v reálném čase