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Název subjektu: GHC GENETICS, s.r.o.

Název objektu: Laboratoř GHC GENETICS

Číslo akreditovaného objektu: 8124

Osvědčení o akreditaci č.: 231/2024

Oblast akreditace: Zdravotnická laboratoř - ČSN EN ISO 15189 ed. 3:2023

Aktualizováno dne: 20. 5. 2024

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 1; PP-050, verze 1; Agilent Bravo; CFX Real Time PCR; CFX Opus 384 Real Time PCR; Light Cycler 480	Výtěr z krku, uretrální stěr, cervikální stěr, rektální stěr, orofaryngeální stěr	A, B, C, D
2.	Markery HIV	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 1; Cobas e411	Sérum, plazma	A, B
3.	Protilátky proti infekčnímu agens	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 1; Cobas e411	Sérum, plazma	A, B, C
4.	Antigeny infekčních agens	Imunoanalýza s luminometrickou detekcí	SOP-710, verze 1; PP-052, verze 1; Cobas e411	Sérum, plazma	A, B, C
5.	Reaginový test (RPR)	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, bukální 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, bukální stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
2.	Vyšetření germinálního genomu	MLPA	SOP-702, verze 6; PP-013, verze 5; PP-014, verze 5; SeqStudio; NextSeq 550	Krev, bukální stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
3.	Vyšetření germinálního genomu	NGS-MPS	SOP-703, verze 4; PP-017, verze 5; PP-018, verze 1; PP-020, verze 1; NextSeq 550	Krev, bukální stěr, plodová voda, choriové klky, kostní tkáň, sliny	A, B, C, D
4.	Vyšetření somatického genomu	NGS-MPS	SOP-703, verze 4; PP-018, verze 1; PP-057, verze 1; NextSeq 550	Krev	A, B, C, D
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, bukální 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 4	Krev, bukální stěr	A, B, C, D

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Upřesnění rozsahu akreditace:

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802/1	DNA: *Chlamydia trachomatis;* DNA: *Neisseria gonorrhoeae,*
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 *Treponema pallidum* ve třídě IgM, 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 *BRCA1*, c.8537_8538del2, c.658_659del2, c.3847_3848del2, c.5645C>A v genu *BRCA2*, mutace C282Y a H63D v genu *HFE*
816/2	Vyšetření genů *BRCA1, BRCA2, PALB2, ATM, APC, BARD1, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, MUTYH, NBN, PMS2, PTEN, RAD50, RAD51C, RAD51D, STK11, TP53*
816/3	*Vyšetření genů BRCA1, BRCA2, PALB2, ATM, APC, BARD1, BRIP1, CDH1, CHEK2, EPCAM, MLH1, MSH2, MSH6, MUTYH, NBN, PMS2, PTEN, RAD50, RAD51C, RAD51D, STK11, TP53, A2M, A4GALT, A4GNT, AAAS, AADAC, AADACL2, AAGAB, AANAT, AARS, AARS2, AASS, ABAT, ABCA1, ABCA10, ABCA12, ABCA13, ABCA2, ABCA3, ABCA4, ABCB1, ABCB11, ABCB4, ABCB6, ABCB7, ABCC1, ABCC11, ABCC2, ABCC3, ABCC4, ABCC6, ABCC8, ABCC9, ABCD1, ABCD3, ABCD4, ABCG2, ABCG5, ABCG8, ABHD12, ABHD5, ABI3BP, ABL1, ABL2, ABO, ACACA, ACACB, ACAD10, ACAD11, ACAD8, ACAD9, ACADL, ACADM, ACADS, ACADSB, ACADVL, ACAN, ACAT1, ACAT2, ACBD5, ACBD6, ACCS, ACE, ACHE, ACLY, ACO2, ACOX1, ACP1, ACP2, ACP5, ACSF3, ACSL4, ACSL5, ACSL6, ACSM3, ACTA1, ACTA2, ACTB, ACTC1, ACTG1, ACTN2, ACTN4, ACVR1, ACVR1B, ACVR1C, ACVR2A, ACVR2B, ACVRL1, ACY1, ADA, ADAM10, ADAM12, ADAM17, ADAM19, ADAM22, ADAM23, ADAM33, ADAM7, ADAM9, ADAMTS1, ADAMTS10, ADAMTS13, ADAMTS17, ADAMTS18, ADAMTS19, ADAMTS2, ADAMTSL2, ADAMTSL3, ADAMTSL4, ADAR, ADARB1, ADC, ADCK3, ADCY10, ADCY3, ADCY5, ADCY6, ADCY9, ADD1, ADD2, ADH1B, ADH1C, ADH4, ADH7, ADIPOQ, ADIPOR1, ADK, ADM, ADORA2A, ADRA1A, ADRA2A, ADRA2B, ADRA2C, ADRB1, ADRB2, ADRB3, ADRBK2, ADSL, ADTRP, AFF2, AFF3, AFG3L2, AFP, AGA, AGBL1, AGGF1, AGK, AGL, AGMO, AGO1, AGPAT2, AGPS, AGRN, AGRP, AGT, AGTPBP1, AGTR1, AGTR2, AGXT, AGXT2, AHCY, AHI1, AHR, AHRR, AHSG, AHSP, AICDA, AIFM1, AIMP1, AIP, AIPL1, AIRE, AK1, AK2, AK7, AK8, AKAP10, AKAP2, AKAP9, AKR1B1, AKR1C2, AKR1C3, AKR1C4, AKR1D1, AKR7A2, AKT1, AKT2, AKT3, ALAD, ALAS2, ALB, ALDH16A1, LDH18A1, ALDH1A1, ALDH1A2, ALDH2, ALDH3A2, ALDH4A1, ALDH5A1, ALDH6A1, ALDH7A1, ALDOA, ALDOB, ALG1, ALG12, ALG13, ALG14, ALG2, ALG3, ALG5, ALG6, ALG8, ALG9, ALK, ALMS1, ALOX12, ALOX12B, ALOX15, ALOX5, ALOX5AP, ALOXE3, ALPL, ALS2, ALS2CL, ALX1, ALX3, ALX4, AMACR, AMBN, AMELX, AMELY, AMER1, AMH, AMHR2, AMN, AMPD1, AMPD3, AMT, ANG, ANGPTL3, ANGPTL4, ANGPTL5, ANGPTL6, ANK1, ANK2, ANK3, ANKH, ANKK1, ANKRD1, ANKRD11, ANKRD26, ANKS1A, ANKS6, ANO10, ANO3, ANO5, ANO6,*

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	ANO7, ANTXR1, ANTXR2, ANXA5, AOAH, AP1S1, AP1S2, AP3B1, AP3B2, AP3D1, AP4B1, AP4E1, AP4M1, AP4S1, AP5Z1, PAF1, APBA2, APBB1IP, APBB2, APCDD1, APEX1, APOA1, APOA2, APOA4, APOA5, APOB, APOBEC1, APOBEC3H, APOC4_APOC2, APOD, APOE, APOH, APOL1, APOL3, APP, APRT, APTX, AQP1, AQP2, AQP3, AQP4, AQP5, AQP7, AR, ARF4, ARFGEF2, ARG1, ARHGAP18, ARHGAP24, ARHGAP26, ARHGAP31, ARHGAP6, ARHGAP9, ARHGDIA, ARHGEF10, ARHGEF12, ARHGEF6, ARHGEF7, ARHGEF9, ARID1A, ARID1B, ARID4A, ARID4B, ARL13B, ARL14EP, ARL3, ARL6, ARMS2, ARSA, ARSB, ARSE, ART4, ARX, AS3MT, ASAH1, ASB10, ASCC1, ASCC3, ASCL1, ASIC3, ASIP, ASL, ASMT, ASNS, ASPA, ASPM, ASPN, ASPRV1, ASS1, ASXL1, ATCAY, ATF3, ATF6, ATG16L1, ATG7, ATIC, ATL1, ATN1, ATOH7, ATP10A, ATP10D, ATP13A2, ATP13A4, ATP1A2, ATP1A3, ATP1B1, ATP2A1, ATP2A2, ATP2A3, ATP2B2, ATP2B3, ATP2B4, ATP2C1, ATP5SL, ATP6AP2, ATP6V0A2, ATP6V0A4, ATP6V1B1, ATP7A, ATP7B, ATP8A2, ATP8B1, ATPAF2, ATR, ATRNL1, ATRX, ATXN1, ATXN10, ATXN2, ATXN3, ATXN3L, ATXN7, AUH, AURKA, AURKC, AUTS2, AVP, AVPR1A, AVPR2, AXIN1, AXIN2, AXL, B2M, B3GALNT1, B3GALNT2, B3GALT1, B3GALT2, B3GALT5, B3GALT6, B3GALTL, B3GAT1, B3GAT2, B3GAT3, B3GNT1, B3GNT2, B3GNT3, B3GNT4, B3GNT5, B3GNT6, B3GNT7, B3GNT8, B4GALNT1, B4GALNT2, B4GALNT3, B4GALNT4, B4GALT1, B4GALT2, B4GALT3, B4GALT4, B4GALT5, B4GALT6, B4GALT7, B9D1, B9D2, BAAT, BAG3, BANF1, BANK1, BAP1, 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, BICC1, BIN1, BLK, BLM, BLMH, BLNK, BLOC1S5, BLOC1S6, BLVRA, BMI1, 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, C1QA, C1QB, C1QC, C1R, C1S, 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, CALCRL, CALHM1, CALM1, CALM3, CALR, CALR3, CAMK4, CAMKMT, CAMSAP2, CAMTA1, CANT1, CAPN10, CAPN3, CARD11, CARD14, CARD9, CARTPT, CASC5, CASK, CASP1, CASP10, CASP12, CASP2, CASP8, CASQ2, CASR, CAT, CATSPER1, CATSPER2, CATSPER3, CATSPER4, CAV1, CAV3, CBFB, CBL, CBLB, CBR1, 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, CDHR1, CDK16, CDK4, CDK5R1, CDK5RAP2, CDK6, CDK7, CDKAL1, CDKL3, CDKL5, CDKN1A, CDKN1B, CDKN1C, CDKN2A, CDKN2B, CDKN2C, CDON, CDT1, CDX2, CDYL, CEACAM16, CEBPA, CEBPE, CECR2, 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, CHRD, 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, CIDEC, CIITA, 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,

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Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	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, FLI1, FLNA, FLNB, FLNC, FLOT1, FLT1, FLT3, FLT4, FLVCR1, FLVCR2, FMN1, FMN2, FMO1, FMO2, FMO3, FMO4, FMO5, FMOD, FMR1, FMR1_AS1, FN1, FN3K, FOLH1, FOLR1, FOXA1, FOXA2, FOXA3, FOXC1, FOXC2, FOXD3, FOXE1, FOXE3, FOXF1, FOXF2, FOXG1, FOXH1, FOXI1, FOXJ1, FOXK1, FOXL2, FOXM1, FOXN1, FOXO1, FOXP1, FOXP2, FOXP3, FOXRED1, FPGS, FPR1, FRAS1, FREM1, FREM2, FREM3, FRK, FRMD5, FRMD7, FRMPD4, FRY, FRZB, FSCB, FSCN2, FSHB, FSHR, FST, FSTL1, FTCD, FTHL17, FTO, FTSJ1, FUCA1, FUS, FUT1, FUT2, FUT3, FUT6, FUT7, FUT8, FUZ, FXN, FXYD2, FYCO1, FZD3, FZD4, FZD6, FZD9, G6PC, G6PC2, G6PC3, G6PD, GAA, GABARAPL1, GABBR1, GABRA1, GABRA2, GABRA6, GABRB3, GABRD, GABRG1, GABRG2, GABRR2, GAD1, 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, GCH1, GCK, GCKR, GCLC, GCLM, GCM2, GCNT1, GCNT2, GDAP1, GDF1, GDF3, GDF5, GDF6, GDF9, GDI1, GDNF, GFAP, GFI1, GFI1B, GFM1, GFPT1, GFRA1, GFRA2, GGCX, GGH, GH1, GH2, GHR, GHRH, GHRHR, GHRL, GHSR, GIF, GIGYF2, GIMAP8, GIP, GIPC3, GIPR, GIT1, GJA3, GJA5, GJA8, GJB1, GJB2, GJB3, GJB4, GJB6, GJC2, GJC3, GK, GLA, GLB1, GLCCI1, 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, GPBAR1, 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, GRIP1, GRK1, GRK4, GRM1, GRM5, GRM6, GRM7, GRN, GRPR, GRXCR1, 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, GYPA, GYPC, GYPE, GYS1, GYS2, H6PD, HABP2, HACE1, HADH, HADHA, HADHB, HAL, HAMP, HAND1, HAND2, HAPLN1, HARS, HARS2, HAVCR1, HAX1, HBB, HBD, HBE1, HBM, HCCS, HCFC1, 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, HMGA2, 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, HSP90AA1, HSPA9, HSPB1, HSPB3, HSPB6, HSPB7, HSPB8, HSPG2, HTN3, HTR1A, HTR1B, HTR2A, HTR2B, HTR2C, HTR3A, HTR3B, HTR3C, HTR7, HTRA1, HTRA2, HTT, HUWE1, HYAL1, HYDIN, HYLS1, 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,

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	IL20RB, IL21R, IL23R, IL2RA, IL2RG, IL3, IL31RA, IL36RN, IL4, IL4R, IL6, IL6R, IL6ST, IL7R, IL9R, ILDR1, ILK, IMMP2L, IMPAD1, IMPDH1, IMPDH2, IMPG2, INF2, ING1, INHA, INMT, INPP5B, INPP5D, INPP5E, INS, INSL3, INSL6, INSR, INVS, IQCB1, 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, ITPR1, ITSN2, IVD, IYD, JAG1, JAG2, JAK2, JAK3, JAM3, JMJD1C, 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, L1CAM, 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, LGI1, 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, LOXL1, 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, LTN1, LUM, LY96, LYN, LYST, LYZ, LZTFL1, LZTS1, MACROD2, MAD1L1, MADD, MAEA, MAF, MAFA, MAFB, MAGEE2, MAGEL2, MAGI2, MAGT1, MAK, MALT1, MAML2, MAMLD1, MAN1A2, MAN1B1, MAN2A1, MAN2B1, MANBA, MAOA, MAOB, MAP2, MAP2K1, MAP2K2, MAP2K3, MAP2K4, MAP2K7, MAP3K1, MAP3K14, MAP3K15, MAP3K8, MAP6, MAP7D1, MAPK1, MAPK10, MAPK8IP1, MAPT, MARS2, MARVELD2, MASP1, MASP2, MASTL, MAT1A, MATN3, MATR3, MAX, MBD1, MBD3, MBD4, MBD5, MBL2, MBNL1, MBOAT7, MBTPS2, MC1R, MC2R, MC3R, MC4R, MCC, MCCC1, MCCC2, MCEE, MCFD2, MCHR1, MCM4, MCM5, MCM6, MCM9, MCOLN1, MCPH1, MDGA2, MDK, MDM2, MDN1, ME2, MECOM, MECP2, MED12, MED13L, MED17, MED23, MED25, MEF2A, MEF2C, MEFV, MEGF10, MEGF11, MEGF8, MEIS1, MEN1, MEPE, MERTK, MESDC2, MESP2, MEST, MET, MFAP4, MFF, MFGE8, MFN2, MFRP, MFSD8, MGAT1, MGAT2, MGAT3, MGAT4A, MGAT4B, MGAT4C, MGAT5, MGAT5B, MGLL, MGMT, MGP, MGST2, MGST3, MICA, MID1, MIF, MINPP1, 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, MN1, MNX1, MOCOS, MOCS1, MOCS2, MOG, MOGS, MOK, MPC1, MPDU1, MPDZ, MPG, MPHOSPH8, MPI, MPL, MPLKIP, MPO, MPP6, MPST, MPV17, MPZ, MR1, MRAP, MRC1, MRE11A, MREG, MRPL3, MRPL48, MRPS16, MRPS22, MRRF, MS4A1, MS4A12, MS4A2, MSH3, MSMB, MSMO1, MSR1, MSRA, MSRB3, MST1, MST1R, MSTN, MSX1, MSX2, MTA1, MTA2, MTAP, MTFMT, MTHFD1, MTHFR, MTHFS, MTM1, MTMR14, MTMR2, MTMR9, MTNR1A, MTNR1B, MTO1, MTPAP, MTR, MTRR, MTSS1, MTTP, MUC5B, MUC7, MURC, MUS81, MUSK, MUT, MVK, MXI1, MYB, MYBPC1, MYBPC3, MYC, MYCN, MYD88, MYF5, MYF6, MYH11, MYH14, MYH2, MYH3,

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	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, MYT1, MYT1L, 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, NCS1, 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, NEGR1, NEIL1, NEIL2, NEK1, NEK8, NEU2, NEUROD1, NEUROG3, NEXN, NF1, NF2, NFATC2, NFATC3, NFATC4, NFE2L1, NFIA, NFIB, NFIX, NFKB2, NFKBIA, NFKBIZ, NFU1, NGF, NGLY1, NHEJ1, NHLRC1, NHS, NICN1, NIN, NINJ1, NIPA1, 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, NPSR1, NPY, NPY1R, NPY2R, NQO1, NR0B1, NR0B2, NR1H2, NR1H3, NR1H4, NR1I2, NR1I3, 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, NXNL1, NYX, OAS1, OAS2, OAT, OBSCN, OBSL1, OCA2, OCLN, OCRL, ODC1, OFD1, OGG1, OGT, OLFM2, OLIG2, OLR1, OMG, OPA1, OPA3, OPCML, OPHN1, OPLAH, OPN1SW, OPRL1, OPRM1, OPTC, OPTN, OR10X1, OR13G1, OR1B1, OR51G1, OR52H1, OR52N4, OR5AC2, OR5H6, OR8K3, ORAI1, ORC1, ORC4, ORC6, OSMR, OSTM1, OTC, OTOA, OTOF, OTOG, OTOGL, OTX2, OVCH2, OXCT1, P2RX1, P2RX5, P2RX7, P2RY12, P2RY4, PABPC4L, PACRG, PACS1, 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, PCM1, PCMT1, PCNT, PCOLCE, PCP4, PCSK1, PCSK5, PCSK9, PDCD1, PDCD10, PDE11A, PDE4B, PDE4D, PDE6A, PDE6B, PDE6C, PDE6G, PDE6H, PDE8B, PDGFB, PDGFRA, PDGFRB, PDGFRL, PDHA1, PDHB, PDHX, PDK1, PDLIM3, PDLIM4, PDP1, PDPK1, PDSS1, 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, PGM1, 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, PIKFYVE, PIM1, 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, PLCZ1, 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, POLR1C, POLR1D, POLR3A, POLR3B, POLRMT, POMC, POMGNT1, POMP, POMT1, POMT2, PON1, PON2, PON3, POP1, 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,

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	PRF1, PRG4, PRICKLE1, PRICKLE2, PRKACA, PRKAG2, PRKAG3, PRKAR1A, 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, PTPRQ, PTPRT, PTRF, PTS, PUS1, PVRL1, PVRL4, PXDN, PYCR1, 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, RALGAPA1, RALGDS, RANBP2, RANGRF, RAP1GDS1, RAPSN, RARA, RARS2, RASA1, 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, RIPK4, RIT2, RLBP1, RMDN2, RMND1, RNASEH2A, RNASEH2B, RNASEH2C, RNASEL, RNASET2, RNF113A, RNF135, RNF139, RNF168, RNF170, RNF212, RNF213, RNF219_AS1, RNF6, ROBO1, ROBO2, ROBO3, ROCK1, ROGDI, ROM1, ROR2, RORA, ROS1, RP1, 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, 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, SEPN1, SEPSECS, SEPT12., SEPT5_GP1BB, SEPT7, SERAC1, SERPINA1, SERPINA10, SERPINA3, SERPINA6, SERPINA7, SERPINB11, SERPINB5, SERPINB6, SERPINC1, SERPIND1, SERPINE1, SERPINF1, SERPINF2, SERPING1, SERPINH1, SERPINI1, SERPINI2, SESN2, SETBP1, SETD2, SETD8, SETX, SEZ6, SEZ6L, SEZ6L2, SF3B1, SF3B4, SFRP1, SFTPA1, SFTPA2, 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, SIGMAR1, 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,

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	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, SLCO1A2, SLCO1B1, SLCO1B3, SLCO1C1, SLCO2A1, SLCO2B1, SLCO5A1, SLFN5, SLIT1, SLIT3, SLITRK1, SLITRK5, SLITRK6, SLURP1, SLX4, SMAD1, SMAD2, SMAD3, SMAD4, SMAD5, SMAD6, SMAD7, SMAD9, SMARCA2, SMARCA4, SMARCAD1, SMARCAL1, 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, SPI1, SPINK1, SPINK5, SPINT2, SPP1, 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, STK11IP, 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, TALDO1, TAP2, TARDBP, TAS1R1, TAS1R3, TAS2R16, TAS2R3, TAS2R38, TAS2R46, TAT, TAZ, TBC1D23, TBC1D24, TBC1D4, TBC1D9, TBCE, TBK1, TBL1X, TBL1XR1, TBL1Y, TBP, TBX1, TBX10, TBX15, TBX19, TBX2, TBX20, TBX21, TBX22, TBX3, TBX4, TBX5, TBX6, TBXA2R, TBXAS1, TCAP, TCF21, TCF3, TCF4, TCF7L1, TCF7L2, TCIRG1, TCN1, TCN2, TCOF1, TCTE1, TCTE3, TCTN1, TCTN2, TCTN3, TDO2, TDP1, 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, TFRC, TG, TGFB1, TGFB2, TGFB3, TGFBI, TGFBR1, TGFBR2, TGFBR3, 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, TM4SF19, TMC1, TMC6, TMC8, TMCO1, 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, TNFRSF1A, TNFRSF1B, TNFRSF9, TNFSF11, TNFSF14, TNFSF4, TNKS, TNNC1, TNNI2, TNNI3, TNNI3K, TNNT1, TNNT2, TNNT3, TNP1, TNR, TNRC6B, TNS3, TNXB, TOP1, TOP2A, TOPORS, TOR1A, TP53BP1, TP53RK, TP63, TP73, TPCN2, TPH1, TPH2, TPK1, TPM1, TPM2, TPM3, TPMT, TPO, TPP1, 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, TSC1, 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, TTLL1, TTN, TTPA, TTR, TUB, TUBA1A, TUBA8, TUBB1, TUBB2B, TUBB3, TUBGCP5, TUBGCP6, TUFM, TULP1, TUSC3, TWIST1, TWIST2, TXNIP, TXNRD2, TYK2, TYMP, TYMS, TYR, TYRO3, TYROBP,

Seznam činností v rámci flexibilního rozsahu akreditace

Odbornost / poř. číslo	Detailní informace k činnostem v rozsahu akreditace
	TYRP1, UACA, UBA1, UBAC2, UBE2A, UBE2B, UBE2NL, UBE3A, UBE3C, UBIAD1, UBQLN2, UBR1, UBR3, UBR7, UCHL1, UCN, UCP1, 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, UQCRFS1, UQCRQ, UROC1, UROD, UROS, USB1, USF1, USH1C, USH1G, USH2A, USP1, 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, WT1, WWC1, WWOX, WWTR1, XBP1, 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, ZDHHC15, ZDHHC17, ZDHHC2, ZDHHC9, 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.
816/4	*TP53*
816/5	Detekované mutace v genu *CFTR*: 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 Detekované mutace pomocí metody fragmentační analýzy v genu *BRCA1*: 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 *BRCA2*: c.7913_7917del5, c.9403delC, c.9435_9436del2. Detekce inzerce TA sekvence v genu *UGT1A1*.
816/6	Stanovení HLA znaků B*27 pro Morbus Bechtěrev

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

Seznam činností v rámci flexibilního rozsahu akreditace

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

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