

## FQ-MGL-013-05 Záznam o flexibilitě

Identifikace – původní SOP:	<b>SOP-MGL-013</b>
Název:	<b>Vyšetření genových mutací metodou masivně paralelního sekvenování</b>

Seznam aplikací a jejich verzí zavedených v rozsahu flexibility

Identifikace aplikace / verze	Předmět metody Rozsah vyšetřovaných parametrů	Odpovědná osoba za uvolnění verze do provozu	Datum
NGS panelu genů pro hereditární nádorová onemocnění – Czezanca / verze 0	<i>APC; ATM; BAP1; BARD1; BLM; BMPRIA; BRCA1; BRCA2; BRIP1; CDH1; CDK4; CDKN2A; CHEK2; DICER1; DPYD; EPCAM; EXT1; EXT2; FANCA; FANCB; FANCC; FANCD2; FANCE; FANCF; FANCG; FANCI; FANCL; FANCM; FH; FLCN; GATA2; KIT; MEN1; MET; MLH1; MLH3; MRE11A; MSH2; MSH6; MUTYH; NBN; NF1; NF2; PALB2; POLD1; POLE; PRKARIA; PTCH1; PTEN; RAD50; RAD51; RAD51C; RAD51D; RB1; RECQL; RECQL4; RET; SDHB; SMAD4; SMARCA4; SMARCB1; STK11; SUFU; TERT; TMEM127; TP53; TSC1; TSC2; VHL; WTI</i>  <b>Osvědčení o akreditaci ze dne: 13.4.2007</b>	Mgr. Martina Bittóová	03/2017
Rozšířený prekoncepční NGS panel – Carrier Test / verze 1	<i>ABCA4; ACADM; ACADS; ACADVL; ADGRV1; AGL; ALPL; ANXA5; AR; ARSA; ASL; ASPA; ASS1; ATM; ATP7B; BCHE; BLM; BTD; CBS; CDH23; CFTR; CHRNE; CLRN1; COL4A5; CTNS; CYP21A2; CYP27A1; DHCR7; F2; F5; FAH; FSHR; G6PC; GALT; GBA; GCDH; GJB2; GLA; GLB1; GNPTAB; HADHA; HBB; HEXA; HFE; IDUA; IKBKAP; IL2RG; MCCC1; MCCC2; MEFV; MTHFR; MTM1; MYO7A; NBN; NPC1; NPC2; OTC; PAH; PCDH15; PEX1; PEX10; PEX12; PEX13; PEX14; PEX16; PEX2; PEX6; PEX7; PMM2; SERPINA1; SGSH; SLC26A4; SMN1; SMPD1; TGM1; TPP1; USH1C; USH2A</i>  <b>Osvědčení o akreditaci ze dne: 21.8.2018</b>	Mgr. Martina Bittóová	08/2017
NGS panelu genů pro hereditární nádorová onemocnění – Czezanca / verze 2	Obsah verze 0 + <i>DIS3L2; PMS2; SBDS; SDHAF2; SDHA; SDHC; SDHD; SLX4;</i>  <b>Osvědčení o akreditaci ze dne: 21.8.2018</b>	Mgr. Martina Bittóová	05/2018
Rozšířený prekoncepční NGS panel – Carrier Test / verze 3	Obsah verze 1 + markery pro detekci mikrodelece chromosomu Y: <i>sY14(SRY), sY86 + sY84(AZFa), sY127 + sY134(AZFb), sY254 + sY255(AZFc).</i>  <b>Osvědčení o akreditaci ze dne: 21.8.2018</b>	Mgr. Martina Bittóová	02/2019



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<p>AKR7A3; AKT1; AKT2; AKT3; ALAD; ALAS2; ALB; ALCAM; ALDH16A1; ALDH18A1; ALDH1A1; ALDH1A2; ALDH1A3; ALDH1B1; ALDH1L1; ALDH2; ALDH3A2; ALDH4A1; ALDH5A1; ALDH6A1; ALDH7A1; ALDH9A1; ALDOA; ALDOB; ALG1; ALG10; ALG11; ALG12; ALG13; ALG14; ALG2; ALG3; ALG5; ALG6; ALG8; ALG9; ALK; ALKBH8; ALMS1; ALOX12; ALOX12B; ALOX15; ALOX15B; ALOX5; ALOX5AP; ALOXE3; ALPK1; ALPK3; ALPL; ALPP; ALS2; ALS2CL; ALX1; ALX3; ALX4; AMACR; AMBN; AMELX; AMELY; AMER1; AMFR; AMH; AMHR2; AMMECR1; AMN; AMOT; AMPD1; AMPD2; AMPD3; AMT; AMZ2; ANAPC1; ANAPC15; ANGPT1; ANGPT2; ANGPTL3; ANGPTL4; ANGPTL5; ANGPTL6; ANG,RNASE4; ANK1; ANK2; ANK3; ANKH; ANKK1; ANKLE1; ANKLE2; ANKMY2; ANKRD1; ANKRD11; ANKRD12; ANKRD13D; ANKRD17; ANKRD26; ANKRD30A; ANKRD31; ANKRD55; ANKS1A; ANKS1B; ANKS3; ANKS6; ANLN; ANO1; ANO10; ANO3; ANO5; ANO6; ANO7; ANO9; ANTXR1; ANTXR2; ANXA1; ANXA11; ANXA5; AOA; AOC1; APIB1; AP1S1; AP1S2; AP1S3; AP2S1; AP3B1; AP3B2; AP3D1; AP4B1; AP4E1; AP4M1; AP4S1; AP5B1; AP5Z1; APAF1; APBA2; APBB1; APBB1IP; APBB2; APBB3; APC; APC2; APCDD1; APEX1; APEX2; APH1A; APH1B; APOA1; APOA1BP; APOA2; APOA4; APOA5; APOB; APOBEC1; APOBEC3B; APOBEC3G; APOBEC3H; APOC1; APOC3; APOC4-APOC2; APOD; APOE; APOH; APOL1; APOL2; APOL3; APOL4; APOM; APOPT1; APP; APPL1; APRT; APTX; AQP1; AQP2; AQP3; AQP4; AQP5; AQP7; AR; ARAF; ARAP3; ARCNI; AREL1; ARF1; ARF4; ARFGEF1; ARFGEF2; ARG1; ARHGAP10; ARHGAP11A; ARHGAP18; ARHGAP19- SLIT1; ARHGAP20; ARHGAP21; ARHGAP22; ARHGAP24; ARHGAP26; ARHGAP29; ARHGAP31; ARHGAP32; ARHGAP33; ARHGAP35; ARHGAP36; ARHGAP4; ARHGAP6; ARHGAP9; ARHGDI; ARHGEF1; ARHGEF10; ARHGEF10L; ARHGEF11; ARHGEF12; ARHGEF15; ARHGEF18; ARHGEF2; ARHGEF25; ARHGEF28; ARHGEF40; ARHGEF6; ARHGEF7; ARHGEF9; ARID1A; ARID1B; ARID2; ARID4A; ARID4B; ARID5A; ARID5B; ARIH1; ARL11; ARL13B; ARL14EP; ARL16; ARL2BP; ARL3; ARL6; ARL6IP1; ARL6IP5; ARL6IP6; ARMCI2; ARMC2; ARMC4; ARMC5; ARMC9; ARMCX4; ARMS2; ARNT; ARNT2; ARPC1B; ARPC3; ARPP21; ARR3; ARRDC3; ARSA; ARSB; ARSD; ARSE; ARSF; ARSG; ARSH; ARSI; ARSK; ART4; ARV1; ARVCF; ARX; AS3MT; ASAH1; ASAH2; ASB10; ASB18; ASCC1; ASCC3; ASCL1; ASH1L; ASH2L; ASIC2; ASIC3; ASIP; ASL; ASMT; ASNA1; ASNS; ASPA; ASPH; ASPM; ASPN; ASPRV1; ASPSCR1; ASS1; ASTE1; ASTN1; ASTN2; ASXL1; ASXL2; ASXL3; ATAD1; ATAD3A; ATAT1; ATCAY; ATF1; ATF2;</p>		
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<p><i>ATF3; ATF5; ATF6; ATG13; ATG16L1; ATG5; ATG7; ATIC; ATLI; ATL3; ATM; ATN1; ATOH7; ATP10A; ATP10D; ATP11A; ATP11C; ATP13A2; ATP13A4; ATP13A5; ATP1A1; ATP1A2; ATP1A3; ATP1B1; ATP2A1; ATP2A2; ATP2A3; ATP2B2; ATP2B3; ATP2B4; ATP2C1; ATP2C2; ATP5A1; ATP5B; ATP5C1; ATP5E; ATP5G1; ATP5G2; ATP5G3; ATP5I; ATP5J; ATP5J2-PTCD1; ATP5O; ATP5S; ATP6AP1; ATP6AP2; ATP6V0A1; ATP6V0A2; ATP6V0A4; ATP6V1A; ATP6V1B1; ATP6V1B2; ATP6V1C2; ATP6V1E1; ATP6V1G2-DDX39B; ATP7A; ATP7B; ATP8A2; ATP8B1; ATP8B3; ATPAF2; ATR; ATRX; ATXN1; ATXN10; ATXN2; ATXN3; ATXN3L; ATXN7; AUH; AUP1; AURKA; AURKC; AUTS2; AVP; AVPR1A; AVPR1B; AVPR2; AXDND1; AXIN1; AXIN2; AXL; AZIN2; B2M; B3GALNT1; B3GALNT2; B3GALT1; B3GALT2; B3GALT5; B3GALT6; B3GALT7; B3GAT1; B3GAT2; B3GAT3; B3GNT2; B3GNT3; B3GNT4; B3GNT5; B3GNT6; B3GNT7; B3GNT8; B4GALNT1; B4GALNT2; B4GALNT3; B4GALNT4; B4GALT1; B4GALT2; B4GALT3; B4GALT4; B4GALT5; B4GALT6; B4GALT7; B4GAT1; B9D1; B9D2; BAALC; BAAT; BACE1; BACH1; BACH2; BAG2; BAG3; BAG6; BAIAP3; BANF1; BANK1; BANP; BAP1; BARD1; BARX2; BASP1; BAX; BAZIA; BAZ1B; BAZ2B; BBIP1; BBS1; BBS10; BBS12; BBS2; BBS4; BBS5; BBS7; BBS9; BCAM; BCAN; BCAP31; BCAT1; BCAT2; BCDIN3D; BCHE; BCKDHA; BCKDHB; BCKDK; BCL10; BCL11A; BCL11B; BCL2; BCL2A1; BCL2L1; BCL2L11; BCL2L2; BCL2L2-PABPN1; BCL3; BCL6; BCL9; BCL9L; BCLAF1; BCO1; BCOR; BCORL1; BCR; BCS1L; BDKRB2; BDNF; BDP1; BEAN1; BEND2; BEND5; BEST1; BET1; BEX2; BEX4; BFSP1; BFSP2; BGLAP; BGN; BHLHA9; BHLHE22; BHLHE41; BHMT; BICC1; BICD1; BICD2; BIN1; BIRC3; BIRC5; BIRC6; BIVM-ERCC5; BLK; BLM; BLMH; BLNK; BLOC1S3; BLOC1S5; BLOC1S5-TXND5; BLOC1S6; BLVRA; BMP1; BMP10; BMP15; BMP2; BMP2K; BMP4; BMP5; BMP7; BMPER; BMPR1A; BMPR1B; BMPR2; BMS1; BNC2; BOC; BOD1L1; BOLA3; BPGM; BPI; BPIFA1; BPTF; BPY2; BRAF; BRAP; BRAT1; BRCA1; BRCA2; BRCC3; BRD1; BRD2; BRD4; BRD7; BRDT; BRE; BRF1; BRF2; BRI3; BRIPI; BRPF1; BRSK2; BRWD1; BRWD3; BSG; BSN; BSND; BST1; BST2; BTAF1; BTBD11; BTBD16; BTBD7; BTBD9; BTC; BTD; BTG2; BTK; BTLA; BTN1A1; BTN2A1; BTNL2; BTRC; BUB1; BUB1B; BUB3; BVES; C10orf11; C10orf12; C10orf2; C10orf32-ASMT; C11orf65; C11orf80; C12orf10; C12orf4; C12orf57; C12orf65; C14orf105; C14orf2; C15orf41; C15orf62; C16orf58; C16orf74; C17orf62; C17orf67; C17orf80; C18orf8; C19orf12; C19orf70; C1GALT1; C1GALT1C1; C1orf110; C1orf145; C1QA; C1QB; C1QBP; C1QC; C1QTNF3-AMACR; CIR;</i></p>		
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<p><i>CIS; C2; C20orf141; C21orf2; C21orf58; C21orf59; C21orf91; C2CD3; C2CD5; C2orf42; C2orf71; C3; C3AR1; C3orf35; C4A; C4B; C4BPA; C4BPB; C4orf19; C4orf26; C5; C5AR2; C5orf42; C6; C6orf15; C6orf222; C7; C7orf43; C8A; C8B; C8G; C8orf34; C8orf37; C8orf44-SGK3; C9; C9orf72; CA1; CA12; CA2; CA4; CA5A; CA6; CA8; CABIN1; CABP2; CABP4; CACHD1; CACNA1A; CACNA1B; CACNA1C; CACNA1D; CACNA1E; CACNA1F; CACNA1G; CACNA1H; CACNA1I; CACNA1S; CACNA2D1; CACNA2D2; CACNA2D3; CACNA2D4; CACNB1; CACNB2; CACNB4; CACNG2; CACNG3; CACNG4; CACNG5; CAD; CADM1; CADM3; CADPS; CADPS2; CALCA; CALCR; CALCRL; CALHM1; CALM1; CALM2; CALM3; CALML4; CALR; CALR3; CALU; CAMK1; CAMK2A; CAMK2B; CAMK2G; CAMK4; CAMKK1; CAMKK2; CAMKMT; CAMP; CAMSAP2; CAMTA1; CAMTA2; CAND1; CANT1; CAPN1; CAPN10; CAPN3; CAPN5; CAPN6; CARD10; CARD11; CARD14; CARD8; CARD9; CARKD; CARS2; CARTPT; CASC5; CASK; CASP1; CASP10; CASP14; CASP2; CASP3; CASP5; CASP8; CASP9; CASQ1; CASQ2; CASR; CAST; CAT; CATSPER1; CATSPER2; CATSPER3; CATSPER4; CAV1; CAV3; CBF; CBL; CBLB; CBR1; CBR3; CBS; CBX2; CBX4; CBX7; CBY1; CC2D1A; CC2D2A; CCBE1; CCDC103; CCDC107; CCDC114; CCDC115; CCDC120; CCDC127; CCDC129; CCDC134; CCDC14; CCDC141; CCDC15; CCDC151; CCDC168; CCDC170; CCDC171; CCDC174; CCDC22; CCDC28B; CCDC3; CCDC33; CCDC39; CCDC40; CCDC47; CCDC50; CCDC59; CCDC6; CCDC65; CCDC66; CCDC71L; CCDC78; CCDC8; CCDC84; CCDC88A; CCDC88C; CCHCR1; CCK; CCKAR; CCKBR; CCL11; CCL13; CCL17; CCL2; CCL22; CCL23; CCL26; CCL3; CCL5; CCL7; CCM2; CCNA2; CCND1; CCND2; CCNF; CCNK; CCNO; CCNT2; CCP110; CCPG1; CCR1; CCR2; CCR3; CCR5; CCR6; CCR7; CCR9; CCRL2; CCS; CCT2; CCT5; CCT7; CD109; CD14; CD151; CD164; CD177; CD19; CD1A; CD1E; CD2; CD200; CD207; CD209; CD22; CD226; CD24; CD244; CD247; CD27; CD276; CD28; CD2AP; CD320; CD36; CD38; CD3D; CD3E; CD3EAP; CD3G; CD4; CD40; CD40LG; CD44; CD46; CD5; CD55; CD58; CD59; CD63; CD70; CD72; CD74; CD79A; CD79B; CD80; CD81; CD82; CD86; CD8A; CD96; CD99; CDA; CDAN1; CDC14A; CDC27; CDC42; CDC42BPB; CDC45; CDC5L; CDC6; CDC7; CDC73; CDCA7; CDCA7L; CDH1; CDH11; CDH12; CDH13; CDH15; CDH18; CDH2; CDH23; CDH3; CDH4; CDH5; CDH8; CDH9; CDHR1; CDK10; CDK11A; CDK11B; CDK12; CDK13; CDK16; CDK19; CDK20; CDK4; CDK5; CDK5RAP2; CDK6; CDK7; CDK8; CDKALI; CDKL3; CDKL5; CDKN1A; CDKN1B; CDKN1C; CDKN2A; CDKN2A-AS1; CDKN2AIP; CDKN2B;</i></p>		
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<p><i>CDKN2C; CDKN2D; CDON; CDSN; CDT1; CDX1; CDX2; CDY1; CDY2A; CDYL; CEACAM1; CEACAM16; CEBPA; CEBPE; CEBPZ; CECR1; CECR2; CEL; CELA1; CELF4; CELF5; CELF6; CELSR1; CELSR2; CELSR3; CEMIP; CENPE; CENPF; CENPI; CENPJ; CENPO; CENPP; CEP104; CEP120; CEP126; CEP135; CEP152; CEP164; CEP19; CEP250; CEP290; CEP41; CEP55; CEP57; CEP63; CEP68; CEP78; CEP83; CEP85L; CEP89; CEP97; CER1; CERKL; CERS1; CERS3; CERS6; CES1; CES2; CETP; CFAP43; CFAP44; CFAP47; CFAP52; CFAP53; CFAP57; CFAP69; CFB; CFC1; CFD; CFH; CFHR1; CFHR2; CFHR3; CFHR4; CFHR5; CFI; CFL2; CFLAR; CFP; CFTR; CGA; CGNL1; CHAC1; CHAF1B; CHAMP1; CHAT; CHCHD10; CHCHD2; CHD1; CHD1L; CHD2; CHD3; CHD4; CHD6; CHD7; CHD8; CHDH; CHEK1; CHEK2; CHFR; CHGA; CHGB; CHI3L1; CHI3L2; CHIA; CHIC1; CHIC2; CHIT1; CHKB-CPT1B; CHL1; CHM; CHMP1A; CHMP2B; CHMP4B; CHN1; CHP1; CHPF; CHPF2; CHPT1; CHR; CHRDL1; CHRM1; CHRM2; CHRM3; CHRNA1; CHRNA2; CHRNA3; CHRNA4; CHRNA5; CHRNA7; CHRNA9; CHRN1; CHRN2; CHRN4; CHRND; CHRNE; CHRNG; CHST11; CHST14; CHST3; CHST6; CHST7; CHST8; CHSY1; CHSY3; CHUK; CIB1; CIB2; CIC; CIDEA; CIDE; CIITA; CILP; CINP; CIRH1A; CISD2; CISH; CIT; CITED2; CIZ1; CKAP2L; CKAP5; CKB; CKM; CLASP1; CLC; CLCA1; CLCA2; CLCA4; CLCC1; CLCF1; CLCN1; CLCN3; CLCN4; CLCN5; CLCN6; CLCN7; CLCNKA; CLCNKB; CLDN1; CLDN10; CLDN14; CLDN16; CLDN19; CLDN2; CLDN23; CLDN8; CLEC10A; CLEC11A; CLEC1A; CLEC2D; CLEC3B; CLEC4D; CLEC4M; CLEC7A; CLGN; CLHC1; CLIC2; CLIC4; CLIC5; CLIP1; CLIP2; CLK2; CLMP; CLN3; CLN5; CLN6; CLN8; CLNK; CLOCK; CLP1; CLPB; CLPP; CLPS; CLPTM1; CLPTM1L; CLPX; CLRN1; CLSTN2; CLTC; CLTCL1; CLU; CLUAP1; CLUH; CLUL1; CLYBL; CMA1; CMPK1; CMYA5; CNBP; CNDP1; CNGA1; CNGA2; CNGA3; CNGB1; CNGB3; CNKSR1; CNKSR2; CNNM1; CNNM2; CNNM4; CNOT1; CNOT2; CNOT3; CNOT4; CNPY3; CNR1; CNR2; CNTFR; CNTN1; CNTN2; CNTN3; CNTN4; CNTN5; CNTN6; CNTNAP1; CNTNAP2; CNTNAP3B; CNTNAP4; CNTNAP5; COA3; COA5; COA6; COA7; COASY; COBL; COCH; COG1; COG2; COG3; COG4; COG5; COG6; COG7; COG8; COL10A1; COL11A1; COL11A2; COL12A1; COL13A1; COL14A1; COL17A1; COL18A1; COL1A1; COL1A2; COL21A1; COL22A1; COL24A1; COL25A1; COL27A1; COL2A1; COL3A1; COL4A1; COL4A2; COL4A3; COL4A3BP; COL4A4; COL4A5; COL4A6; COL5A1; COL5A2; COL5A3; COL6A1; COL6A2; COL6A3; COL6A4P2; COL6A5; COL6A6; COL7A1; COL8A1;</i></p>		
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<p><i>COL8A2; COL9A1; COL9A2; COL9A3; COLEC10; COLEC11; COLGALT1; COLQ; COMMD1; COMMD3-BMI1; COMP; COMT; COPA; COPB2; COPS6; COQ2; COQ3; COQ4; COQ5; COQ6; COQ7; COQ9; CORIN; CORO1A; CORO6; CORO7-PAM16; COX10; COX14; COX15; COX18; COX20; COX4I1; COX4I2; COX5A; COX5B; COX6A1; COX6B1; COX6C; COX7A1; COX7A2; COX7B; COX7B2; COX7C; COX8A; CP; CPA1; CPA4; CPA6; CPAMD8; CPB2; CPE; CPLX1; CPLX2; CPN1; CPNE1; CPNE6; CPOX; CPQ; CPS1; CPSF7; CPT1A; CPT1B; CPT1C; CPT2; CPXM2; CPZ; CR1; CR2; CRADD; CRAT; CRB1; CRB2; CRBN; CREB1; CREB3; CREB3L1; CREBBP; CRELD1; CRH; CRHR1; CRHR2; CRIM1; CRIPT; CRISP2; CRK; CRKL; CRLF1; CRLF2; CRNK1; CROCC; CRP; CRTAP; CRTC3; CRX; CRY1; CRYAA; CRYAB; CRYBA1; CRYBA2; CRYBA4; CRYBB1; CRYBB2; CRYBB3; CRYGA; CRYGB; CRYGC; CRYGD; CRYGS; CRYL1; CRYM; CSAG1; CSDE1; CSF1R; CSF2; CSF2RA; CSF2RB; CSF3R; CSGALNACT1; CSH1; CSMD1; CSMD2; CSMD3; CSNK1A1L; CSNK1D; CSNK1E; CSNK1G1; CSNK2A1; CSNK2A2; CSNK2A3; CSNK2B; CSNK2B-LY6G5B--991; CSPG4; CSPP1; CSRNP1; CSRP3; CST3; CST6; CSTA; CSTB; CSTF2; CSTF2T; CTAGE6; CTBP1; CTC1; CTCF; CTDP1; CTF1; CTGF; CTH; CTHRC1; CTLA4; CTNNA1; CTNNA2; CTNNA3; CTNNB1; CTNND1; CTNND2; CTNS; CTPS1; CTR9; CTRB1; CTRC; CTRL; CTSA; CTSB; CTSC; CTSB; CTSE; CTSF; CTSG; CTSB; CTSK; CTSZ; CTTN; CTTNBP2; CTU2; CUBN; CUEDC1; CUL2; CUL3; CUL4B; CUL5; CUL7; CUX1; CUX2; CUZD1; CWC27; CWF19L1; CX3CR1; CXCL10; CXCL11; CXCL12; CXCL16; CXCL5; CXCR1; CXCR2; CXCR3; CXCR4; CXorf36; CXorf56; CXXC1; CYB561; CYB5A; CYB5R3; CYB5R4; CYBA; CYBB; CYBRD1; CYC1; CYCS; CYFIP1; CYFIP2; CYGB; CYHR1; CYLD; CYP11A1; CYP11B1; CYP11B2; CYP17A1; CYP19A1; CYP1A1; CYP1A2; CYP1B1; CYP21A2; CYP24A1; CYP26A1; CYP26B1; CYP26C1; CYP27A1; CYP27B1; CYP2A13; CYP2A6; CYP2A7; CYP2B6; CYP2C18; CYP2C19; CYP2C8; CYP2C9; CYP2D6; CYP2E1; CYP2F1; CYP2G1P; CYP2J2; CYP2R1; CYP2U1; CYP2W1; CYP3A4; CYP3A43; CYP3A5; CYP3A7; CYP46A1; CYP4A11; CYP4A22; CYP4B1; CYP4F12; CYP4F2; CYP4F22; CYP4F3; CYP4V2; CYP51A1; CYP7A1; CYP7B1; CYR61; CYS1; CYSLTR1; CYSLTR2; D2HGDH; DAAM1; DAB1; DAB2; DAB2IP; DACH1; DACH2; DACT1; DACT3; DAD1; DAG1; DAO; DAOA; DAPK1; DARS; DARS2; DAXX; DAZ1; DAZ2; DAZ3; DAZ4; DAZAP1; DAZL; DBH; DBI; DBT; DCAF13; DCAF17; DCAF4; DCAF6; DCAF8; DCBLD1; DCC; DCDC2; DCHS1; DCHS2; DCK; DCLRE1B; DCLRE1C; DCN; DCP1B; DCPS; DCTD; DCTN1;</i></p>		
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<p><i>DCTN2; DCTN4; DCX; DCXR; DDAH1; DDAH2; DDB1; DDB2; DDC; DDHD1; DDHD2; DDIT3; DDOST; DDR1; DDR2; DDRGK1; DDX10; DDX11; DDX20; DDX21; DDX25; DDX39A; DDX39B; DDX3X; DDX3Y; DDX41; DDX5; DDX50; DDX53; DDX58; DDX59; DDX60; DDX60L; DEAF1; DECR1; DEF6; DEFB1; DEFB126; DEGS1; DEK; DENND1C; DENND3; DENND4B; DENND5A; DEPDC5; DES; DFNA5; DFN31; DFN59; DGAT1; DGAT2; DGAT2L6; DGCR14; DGCR2; DGCR6; DGCR6L; DGCR8; DGKD; DGKE; DGKZ; DGUOK; DHCR24; DHCR7; DHDDS; DHDH; DHFR; DHH; DHODH; DHPS; DHTKD1; DHX16; DHX29; DHX30; DHX36; DHX37; DHX38; DIABLO; DIAPH1; DIAPH2; DIAPH3; DICER1; DIO1; DIO2; DIP2A; DIP2B; DIP2C; DIRC2; DIS3; DIS3L; DIS3L2; DISC1; DISC2; DISP1; DIXDC1; DKC1; DKK1; DKK2; DKK3; DLAT; DLC1; DLD; DLEC1; DLG1; DLG2; DLG3; DLG4; DLG5; DLGAP2; DLGAP3; DLL1; DLL3; DLL4; DLST; DLX3; DLX4; DLX5; DLX6; DMBT1; DMBX1; DMC1; DMD; DMGDH; DMP1; DMPK; DMRT1; DMRT2; DMRT3; DMXL1; DMXL2; DNA2; DNAAF1; DNAAF2; DNAAF3; DNAAF5; DNAH1; DNAH10; DNAH11; DNAH12; DNAH14; DNAH17; DNAH2; DNAH3; DNAH5; DNAH6; DNAH7; DNAH8; DNAH9; DNAI1; DNAI2; DNAJA4; DNAJB1; DNAJB11; DNAJB13; DNAJB2; DNAJB5; DNAJB6; DNAJC11; DNAJC12; DNAJC13; DNAJC19; DNAJC21; DNAJC28; DNAJC3; DNAJC5; DNAJC5B; DNAJC6; DNAL1; DNAL4; DNASE1; DNASE1L1; DNASE1L3; DNASE2; DND1; DNMI; DNMI1; DNM2; DNM3; DNMBP; DNMT1; DNMT3A; DNMT3B; DOC2A; DOCK1; DOCK2; DOCK3; DOCK4; DOCK5; DOCK6; DOCK7; DOCK8; DOCK9; DOK1; DOK2; DOK5; DOK7; DOLK; DOLPP1; DONSON; DOTIL; DPAGT1; DPCD; DPF2; DPH1; DPH6-AS1; DPH7; DPM1; DPM2; DPM3; DPP10; DPP3; DPP6; DPP9; DPPA4; DPRX; DPT; DPY19L2; DPYD; DPYS; DPYSL2; DPYSL5; DRAM2; DRC1; DRD1; DRD2; DRD3; DRD4; DRD5; DROSHA; DRP2; DSC2; DSC3; DSCAM; DSCAML1; DSCR8; DSE; DSEL; DSG1; DSG2; DSG3; DSG4; DSP; DSPP; DST; DSTYK; DTD1; DTHD1; DTNA; DTNBP1; DUOX1; DUOX2; DUOXA1; DUOXA2; DUSP23; DUSP6; DUT; DUX4; DVLI; DVL2; DVL3; DXO; DYM; DYNAP; DYNC1H1; DYNC1H3; DYNC1H2; DYNC1L1; DYNC2H1; DYNC2L1; DYNLRB2; DYNLT3; DYRK1A; DYRK1B; DYSF; DYTN; DYX1C1; DZIP1L; E2F1; E2F4; E2F5; EARS2; EBAG9; EBF3; EBF4; EBP; ECE1; ECE2; ECEL1; ECH1; ECHS1; EC11; ECM1; ECM2; ECSIT; ECT2L; EDA; EDA2R; EDAR; EDARADD; EDC3; EDEM3; EDN1; EDN2; EDN3; EDNRA; EDNRB; EDRF1; EEA1; EED; EE1A2; EE1B2; EE1D; EE1E1-BLOC15; EE2; EE2K; EFCAB5; EFCAB6;</i></p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>EFEMP1; EFEMP2; EFHC1; EFHC2; EFHD1; EFNA5; EFNB1; EFR3A; EFTUD1; EFTUD2; EGF; EGFLAM; EGFR; EGLN1; EGR2; EGR3; EHBP1; EHD2; EHHADH; EHMT1; EHMT2; EIF2AK3; EIF2AK4; EIF2B1; EIF2B2; EIF2B3; EIF2B4; EIF2B5; EIF2D; EIF2S3; EIF3F; EIF3G; EIF3H; EIF3J; EIF4A3; EIF4E; EIF4G1; EIF4G3; EIF4H; EIF5A; ELAC2; ELANE; ELAVL2; ELAVL4; ELF2; ELF4; ELK1; ELK3; ELMO2; ELMOD2; ELMOD3; ELN; ELOVL4; ELOVL5; ELP2; ELP3; ELP4; EMC1; EMC4; EMD; EME1; EME2; EMG1; EMILIN1; EML1; EML5; EMP2; EMX1; EMX2; EN1; EN2; ENAH; ENAM; ENDOG; ENG; ENO1; ENO3; ENOX1; ENPP1; ENPP2; ENPP7; ENSA; ENTPD1; ENTPD3; ENTPD5; EOGT; EOMES; EP300; EPAS1; EPB41; EPB41L1; EPB41L2; EPB41L4A; EPB42; EPC2; EPCAM; EPG5; EPHA2; EPHA3; EPHA4; EPHA5; EPHA7; EPHA8; EPHB1; EPHB2; EPHB4; EPHB6; EPHX1; EPHX2; EPM2A; EPO; EPOR; EPRS; EPS8; EPS8L2; EPS8L3; EPST1; EPX; ERAL1; ERAP1; ERAP2; ERBB2; ERBB2IP; ERBB3; ERBB4; ERCC1; ERCC2; ERCC3; ERCC4; ERCC5; ERCC6; ERCC6L2; ERCC6-PGBD3; ERCC8; ERF; ERGIC1; ERI1; ERI2; ERLIN1; ERLIN2; ERMAD; ERMARD; ERN1; ERRF1; ESAM; ESCO2; ESPN; ESR1; ESR2; ESRP1; ESRRB; ESRRG; ETFA; ETFB; ETFDH; ETHE1; ETNPPL; ETS1; ETV4; ETV6; EVC; EVC2; EVI5; EVPL; EWSR1; EXD3; EXO1; EXO5; EXOC2; EXOC3L2; EXOC4; EXOC6B; EXOC8; EXOSC2; EXOSC3; EXOSC5; EXOSC8; EXOSC9; EXPH5; EXT1; EXT2; EXTL1; EXTL2; EXTL3; EYA1; EYA4; EYS; EZH2; EZR; F10; F11; F12; F13A1; F13B; F2; F2R; F2RL1; F2RL2; F3; F5; F7; F8; F9; FA2H; FAAH; FAAH2; FABP1; FABP2; FABP3; FABP4; FABP5; FABP6; FABP7; FADD; FADS2; FAH; FAM105A; FAM111A; FAM111B; FAM114A1; FAM120A; FAM120AOS; FAM126A; FAM129A; FAM134B; FAM135A; FAM136A; FAM13A; FAM13C; FAM160A1; FAM160A2; FAM161A; FAM161B; FAM175A; FAM177A1; FAM186B; FAM189A1; FAM189A2; FAM19A2; FAM205A; FAM208A; FAM20A; FAM20C; FAM222A; FAM46A; FAM46C; FAM47A; FAM47B; FAM53C; FAM58A; FAM71A; FAM83C; FAM83H; FAM84B; FAM8A1; FAM91A1; FAM92A1; FAM98C; FAM9C; FAN1; FANCA; FANCB; FANCC; FANCD2; FANCE; FANCF; FANCG; FANCI; FANCL; FANCM; FAR1; FAR2; FARSB; FAS; FASLG; FASN; FASTKD1; FASTKD2; FAT1; FAT2; FAT3; FAT4; FAXC; FBLIM1; FBLN1; FBLN5; FBN1; FBN2; FBN3; FBP1; FBRS; FBXL3; FBXL4; FBXL5; FBXL6; FBXO10; FBXO11; FBXO17; FBXO18; FBXO28; FBXO31; FBXO38; FBXO41; FBXO7; FBXW11; FBXW4; FBXW7; FCAR; FCER1A; FCER1G; FCER2; FCGR1A; FCGR2A; FCGR2B; FCGR2C; FCGR3A; FCGR3B; FCGR3C; FCGR3D; FCGR3E; FCGR3F; FCGR3G; FCGR3H; FCGR3I; FCGR3J; FCGR3K; FCGR3L; FCGR3M; FCGR3N; FCGR3O; FCGR3P; FCGR3Q; FCGR3R; FCGR3S; FCGR3T; FCGR3U; FCGR3V; FCGR3W; FCGR3X; FCGR3Y; FCGR3Z; FCN1; FCN2; FCN3;</i></p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>FCRL3; FCRL6; FDFT1; FDPS; FDX1L; FDXR; FECH; FEM1A; FEM1B; FEN1; FERMT1; FERMT3; FEV; FEZF1; FEZF2; FFAR1; FFAR4; FGA; FGB; FGD1; FGD2; FGD3; FGD4; FGF1; FGF10; FGF12; FGF14; FGF16; FGF17; FGF18; FGF2; FGF20; FGF23; FGF3; FGF5; FGF8; FGF9; FGFBP1; FGFR1; FGFR2; FGFR3; FGFR4; FGFRL1; FGG; FH; FHIT; FHL1; FHL2; FHOD1; FIBP; FIG4; FIGLA; FIGNL1; FILIP1; FIP1L1; FIZ1; FKBP10; FKBP14; FKBP1A; FKBP4; FKBP5; FKBP6; FKBP8; FKBP1; FKRP; FKTN; FLAD1; FLCN; FLG; FLI1; FLI2; FLNA; FLNB; FLNC; FLOT1; FLRT1; FLRT3; FLT1; FLT3; FLT4; FLVCR1; FLVCR2; FMN1; FMN2; FMNL2; FMO1; FMO2; FMO3; FMO4; FMO5; FMO6P; FMOD; FMR1; FN1; FN3K; FNBP4; FNIP1; FOCAD; FOLH1; FOLR1; FOS; FOXA1; FOXA2; FOXA3; FOXC1; FOXC2; FOXD1; FOXD1-AS1; FOXD3; FOXE1; FOXE3; FOXF1; FOXF2; FOXG1; FOXH1; FOXJ1; FOXK1; FOXK2; FOXL1; FOXL2; FOXN1; FOXO1; FOXO3; FOXP1; FOXP2; FOXP3; FOXP4; FOXRED1; FPGS; FPGT-TNN3K; FPR1; FPR2; FRA10AC1; FRAS1; FREM1; FREM2; FREM3; FRG1; FRG2B; FRK; FRMD1; FRMD4A; FRMD5; FRMD6; FRMD7; FRMPD3; FRMPD4; FRRS1L; FRY; FRZB; FSCB; FSCN2; FSHB; FSHR; FSIP1; FSIP2; FST; FSTL1; FTCD; FTH1; FTHL17; FTL; FTO; FTSJ1; FUBP1; FUCA1; FUCA2; FURIN; FUS; FUT1; FUT2; FUT3; FUT6; FUT8; FUZ; FXN; FXYD2; FXYD5; FXYD6; FXYD6-FXYD2; FYCO1; FYN; FZD1; FZD2; FZD3; FZD4; FZD5; FZD6; FZD9; G6PC; G6PC2; G6PC3; G6PD; GAA; GAB1; GAB2; GABARAPL1; GABBR1; GABBR2; GABRA1; GABRA2; GABRA3; GABRA4; GABRA5; GABRA6; GABRB1; GABRB2; GABRB3; GABRD; GABRE; GABRG1; GABRG2; GABRG3; GABRP; GABRR2; GAD1; GAD2; GADD45A; GADD45B; GAK; GAL; GAL3ST1; GAL3ST2; GAL3ST3; GAL3ST4; GALC; GALE; GALK1; GALNS; GALNT11; GALNT12; GALNT13; GALNT14; GALNT18; GALNT2; GALNT3; GALNT5; GALNT6; GALNT7; GALNT8; GALNT9; GALNTL5; GALNTL6; GALP; GALT; GAMT; GAN; GANAB; GAP43; GAPDHS; GARS; GAS1; GAS2L2; GAS6; GAS8; GATA1; GATA2; GATA3; GATA4; GATA5; GATA6; GATAD1; GATAD2B; GATB; GATC; GATM; GBA; GBA2; GBE1; GBGT1; GBP2; GBP5; GC; GCC2; GCDH; GCGR; GCH1; GCK; GCKR; GCLC; GCLM; GCM2; GCNT1; GCNT2; GCSH; GDAP1; GDAP2; GDF1; GDF10; GDF11; GDF15; GDF2; GDF3; GDF5; GDF6; GDF9; GDII; GDNF; GDNF-AS1; GDPD2; GDPD3; GEMIN2; GEMIN4; GEMIN5; GEN1; GFAP; GFER; GFII; GFII1B; GFM1; GFM2; GFPT1; GFPT2; GFRA1; GFRA2; GFRA3; GGA3; GGCX; GGH; GGT1; GGT5; GH1; GH2; GHR; GHRH; GHRHR; GHRL; GHSR; GIF; GIGYF1; GIGYF2; GIMAP8; GINS1;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>GINS3; GIP; GIPC3; GIPR; GIT1; GJA1; GJA3; GJA4; GJA5; GJA8; GJB1; GJB2; GJB3; GJB4; GJB6; GJC2; GJC3; GJD2; GK; GLA; GLB1; GLCCII; GLDC; GLDN; GLE1; GLG1; GLI1; GLI2; GLI3; GLIS2; GLIS3; GLMN; GLO1; GLP1R; GLRA1; GLRA2; GLRA4; GLRB; GLRX5; GLS; GLTSCR1L; GLUD1; GLUD2; GLUL; GLYCTK; GLYR1; GM2A; GMDS; GMIP; GMNN; GMPPA; GMPPB; GMPR; GMPR2; GMPS; GNA11; GNA13; GNA14; GNAI1; GNAI2; GNAI3; GNAL; GNAO1; GNAQ; GNAS; GNAT1; GNAT2; GNB1; GNB1L; GNB3; GNB4; GNB5; GNE; GNG3; GNG7; GNGT1; GNMT; GNPAT; GNPTAB; GNPTG; GNRH1; GNRHR; GNS; GOLGA3; GOLGA4; GOLGA5; GOLGA6L10; GOLGA6L6; GON4L; GOPC; GORAB; GOSR2; GOT1; GP1BA; GP2; GP6; GP9; GPAA1; GPAM; GPANK1; GPATCH2; GPATCH3; GPATCH8; GPBARI; GPC3; GPC4; GPC5; GPC6; GPD1; GPD1L; GPD2; GPHN; GPI; GPIHBP1; GPLD1; GPM6B; GPNMB; GPR1; GPR101; GPR12; GPR132; GPR139; GPR143; GPR15; GPR153; GPR161; GPR179; GPR26; GPR33; GPR35; GPR37; GPR37L1; GPR39; GPR55; GPR68; GPR88; GPRASP1; GPRASP2; GPS1; GPSM2; GPT; GPT2; GPX1; GPX4; GPX5; GRAP; GRASP; GRB10; GRB14; GRB7; GREB1L; GREM1; GREM2; GRHL1; GRHL2; GRHL3; GRHPR; GRIA1; GRIA2; GRIA3; GRIA4; GRID1; GRID2; GRIK1; GRIK2; GRIK3; GRIK4; GRIN1; GRIN2A; GRIN2B; GRIN2D; GRIN3A; GRIP1; GRIPAP1; GRK1; GRK4; GRK5; GRM1; GRM3; GRM5; GRM6; GRM7; GRM8; GRN; GRPR; GRWD1; GRXCR1; GRXCR2; GSAP; GSC; GSDMA; GSDMB; GSDMD; GSE1; GSK3A; GSK3B; GSN; GSPT1; GSPT2; GSR; GSS; GSTA1; GSTA2; GSTA3; GSTK1; GSTM1; GSTM3; GSTM4; GSTO1; GSTO2; GSTP1; GSTZ1; GTF2E1; GTF2E2; GTF2H1; GTF2H5; GTF2I; GTF2IRD1; GTF2IRD2; GTF3C1; GTPBP1; GTPBP2; GTPBP3; GUCA1A; GUCA1B; GUCY1A3; GUCY2C; GUCY2D; GUCY2F; GUF1; GUSB; YG1; YG2; GYPA; GYPB; GYPC; GYPE; GYS1; GYS2; GZF1; GZMB; H19_1; H19_3; H2BFWT; H3F3A; H6PD; HAAO; HABP2; HACD1; HACE1; HADH; HADHA; HADHB; HAGH; HAL; HAMP; HAND1; HAND2; HAO1; HAPL+R117H; HARS; HARS2; HAS1; HAS3; HAVCR1; HAVCR2; HAX1; HBA1; HBA2; HBB; HBD; HBE1; HBEGF; HBG1; HBG2; HBM; HBQ1; HBSIL; HBZ; HCCS; HCFC1; HCK; HCLS1; HCN1; HCN2; HCN3; HCN4; HCRT; HCRTR1; HCRTR2; HDAC1; HDAC2; HDAC3; HDAC4; HDAC6; HDAC8; HDAC9; HDC; HDLBP; HDX; HEATR4; HEATR9; HEBP2; HECTD4; HECW2; HELLS; HELQ; HELZ; HEMK1; HEPACAM; HEPACAM2; HEPH; HEPHL1; HERC1; HERC2; HES6; HES7; HESX1; HEXA; HEXB; HEXDC; HEY1; HEY2; HFE; HFE2; HFM1; HGD; HGF; HGSNAT; HHAT; HHEX; HHIP; HHIPL1;</i></p>	
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>HIBCH; HIC1; HIC2; HIF1A; HIF1A-AS1; HIF1AN; HIGD2A; HINT1; HIP1; HIPK4; HIRA; HIST1H1E; HIST1H2AE; HIST1H2BM; HIST1H3I; HIST1H4B; HIST3H3; HIVEP1; HIVEP2; HIVEP3; HK1; HK2; HK3; HKDC1; HLA-A; HLA-B; HLA-C; HLA-DMB; HLA-DOA; HLA-DPB1; HLA-DPB2; HLA-DQA1; HLA-DQB1; HLA-DRA; HLA-DRB1; HLA-DRB5; HLA-E; HLA-G; HLCS; HLF; HLX; HMBS; HMCN1; HMGA1; HMGA2; HMGB3; HMGCL; HMGCR; HMGCS2; HMMR; HMOX1; HMOX2; HMSD; HMX1; HMX2; HNF1A; HNF1B; HNF4A; HNMT; HNRNPA1; HNRNPA2B1; HNRNPCL1; HNRNPD; HNRNPDL; HNRNPH3; HNRNPK; HNRNPM; HNRNPR; HNRNPU; HNRNPUL1; HNRNPUL2-BSC2; HOGA1; HOMER2; HOOK3; HOPX; HOXA1; HOXA10; HOXA10-HOXA9; HOXA11; HOXA13; HOXA2; HOXA3; HOXA4; HOXB1; HOXB13; HOXB6; HOXB8; HOXC13; HOXD10; HOXD13; HOXD3; HOXD4; HP; HPCA; HPD; HPGD; HPRT1; HPS1; HPS3; HPS4; HPS5; HPS6; HPSE2; HR; HRAS; HRC; HRG; HRH2; HRH3; HS1BP3; HS3ST1; HS6ST1; HS6ST2; HSD11B1; HSD11B2; HSD17B1; HSD17B10; HSD17B14; HSD17B2; HSD17B3; HSD17B4; HSD3B1; HSD3B2; HSD3B7; HSF2; HSF4; HSFY1; HSP90AA1; HSP90B1; HSPA1A; HSPA1B; HSPA1L; HSPA5; HSPA8; HSPA9; HSPB1; HSPB3; HSPB6; HSPB7; HSPB8; HSPD1; HSPE1; HSPE1-MOB4; HSPG2; HSPH1; HTN3; HTR1A; HTR1B; HTR2A; HTR2B; HTR2C; HTR3A; HTR3B; HTR3C; HTR3E; HTR5A; HTR6; HTR7; HTRA1; HTRA2; HTT; HUWE1; HVCN1; HYAL1; HYDIN; HYLS1; HYOU1; IAPP; IARS; IARS2; IBA57; IBSP; IBTK; ICAM1; ICAM4; ICAM5; ICE2; ICK; ICOS; ICOSLG; ID3; ID4; IDE; IDH1; IDH2; IDH3A; IDH3B; IDO1; IDS; IDUA; IER3IP1; IFI30; IFI44L; IFIH1; IFIT1B; IFITM3; IFITM5; IFNA2; IFNAR1; IFNAR2; IFNG; IFNGR1; IFNGR2; IFNL3; IFNL4; IFRD1; IFT122; IFT140; IFT172; IFT27; IFT43; IFT52; IFT57; IFT74; IFT80; IFT81; IFT88; IGBP1; IGF1; IGF1R; IGF2; IGF2BP2; IGF2R; IGFALS; IGFBP1; IGFBP3; IGFBP4; IGFBP5; IGFBP7; IGFN1; IGHM; IGHMBP2; IGLL1; IGSF1; IGSF3; IHH; IK; IKBIP; IKBKAP; IKBKB; IKBKG; IKZF1; IKZF3; IL10; IL10RA; IL10RB; IL11; IL11RA; IL12A; IL12B; IL12RB1; IL12RB2; IL13; IL16; IL17A; IL17B; IL17F; IL17RA; IL17RB; IL17RC; IL17RD; IL17REL; IL18; IL18R1; IL18RAP; IL19; IL1A; IL1B; IL1R1; IL1RAP; IL1RAPL1; IL1RL1; IL1RN; IL2; IL20RA; IL20RB; IL21; IL21R; IL23R; IL2RA; IL2RB; IL2RG; IL3; IL31RA; IL33; IL36B; IL36RN; IL4; IL4R; IL5; IL6; IL6R; IL6ST; IL7; IL7R; IL9; IL9R; ILDR1; ILF3; ILK; IMM2L; IMMT; IMPA1; IMPA2; IMPAD1; IMPDH1; IMPDH2; IMPG1; IMPG2; INA; INCENP; INF2; ING1; ING4; INHA; INHBA; INMT; INMT-FAM188B; INO80; INPP4A; INPP5B;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>INPP5D; INPP5E; INPP5K; INPPL1; INS; INSIG1; INSIG2; INS-IGF2; INSL3; INSL6; INSR; INSR; INTS1; INTS3; INTS8; INTU; INVS; IPCEF1; IPMK; IPP; IPW; IQCB1; IQCE; IQGAP1; IQGAP2; IQGAP3; IQSEC2; IRAK1; IRAK3; IRAK4; IREB2; IRF1; IRF2; IRF2BP2; IRF2BPL; IRF3; IRF4; IRF5; IRF6; IRF7; IRF8; IRGM; IRGQ; IRS1; IRS2; IRS4; IRX4; IRX5; ISCA1; ISCA2; ISCU; ISG15; ISL1; ISLR2; ISPD; ISYNA1; ITCH; ITFG2; ITGA1; ITGA11; ITGA2; ITGA2B; ITGA3; ITGA4; ITGA6; ITGA7; ITGA8; ITGA9; ITGAD; ITGAE; ITGAM; ITGB1; ITGB1BP2; ITGB2; ITGB3; ITGB4; ITGB5; ITGB6; ITIH1; ITIH3; ITIH5; ITIH6; ITK; ITM2B; ITPA; ITPK1; ITPKC; ITPR1; ITPR2; ITPR3; ITPRIPL1; ITS1; ITS2; IVD; IYD; JAG1; JAG2; JAGN1; JAK1; JAK2; JAK3; JAKMIP1; JAM3; JMJD1C; JPH1; JPH2; JPH3; JRK; JUN; JUNB; JUP; KAL1; KALRN; KANK1; KANK2; KANK4; KANSL1; KARS; KAT2A; KAT2B; KAT5; KAT6A; KAT6B; KAT7; KATNAL2; KATNB1; KBTBD13; KBTBD7; KCNA1; KCNA2; KCNA3; KCNA4; KCNA5; KCNA6; KCNAB1; KCNAB2; KCNB1; KCNC1; KCNC3; KCND1; KCND2; KCND3; KCNE1; KCNE2; KCNE3; KCNE4; KCNE5; KCNF1; KCNH1; KCNH2; KCNH3; KCNH5; KCNH7; KCNIP4; KCNJ1; KCNJ10; KCNJ11; KCNJ12; KCNJ13; KCNJ15; KCNJ16; KCNJ18; KCNJ2; KCNJ3; KCNJ4; KCNJ5; KCNJ6; KCNJ8; KCNJ9; KCNK17; KCNK18; KCNK3; KCNK4; KCNK6; KCNK9; KCNMA1; KCNMB1; KCNMB3; KCNMB4; KCNN2; KCNN3; KCNN4; KCNQ1; KCNQ2; KCNQ3; KCNQ4; KCNQ5; KCNS1; KCNS3; KCNT1; KCNT2; KCNV1; KCNV2; KCTD1; KCTD13; KCTD17; KCTD19; KCTD3; KCTD7; KDF1; KDM1A; KDM2B; KDM3A; KDM3B; KDM4C; KDM4E; KDM5A; KDM5B; KDM5C; KDM5D; KDM6A; KDM6B; KDR; KDSR; KEAP1; KEL; KERA; KHDC3L; KHK; KIAA0100; KIAA0196; KIAA0226; KIAA0232; KIAA0319; KIAA0319L; KIAA0513; KIAA0556; KIAA0586; KIAA0753; KIAA0825; KIAA1109; KIAA1161; KIAA1210; KIAA1279; KIAA1468; KIAA1549; KIAA1715; KIAA1755; KIAA2022; KIDINS220; KIF11; KIF12; KIF13A; KIF14; KIF16B; KIF17; KIF18A; KIF1A; KIF1B; KIF1C; KIF21A; KIF21B; KIF22; KIF23; KIF26A; KIF26B; KIF27; KIF2A; KIF3C; KIF4A; KIF5A; KIF5B; KIF5C; KIF6; KIF7; KIFAP3; KIFC1; KIR2DL3; KIR2DL4; KIR3DL1; KIR3DL2; KIRREL2; KIRREL3; KISS1; KISS1R; KIT; KITLG; KIZ; KL; KLB; KLC1; KLC2; KLF1; KLF10; KLF11; KLF13; KLF5; KLF6; KLF7; KLF8; KLHDC8B; KLHL10; KLHL15; KLHL20; KLHL21; KLHL24; KLHL3; KLHL40; KLHL41; KLHL6; KLHL7; KLHL9; KLK1; KLK12; KLK15; KLK3; KLK4; KLK7; KLKB1; KLLN; KLRC4-KLRK1; KLRK1; KMT2A; KMT2B; KMT2C; KMT2D; KMT2E; KNDC1; KNG1; KNLI;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

	<p> <i>KNSTRN; KNTC1; KPNA1; KPNA7; KPRP; KPTN; KRAS; KREMEN2; KRIT1; KRT1; KRT10; KRT12; KRT13; KRT14; KRT16; KRT17; KRT18; KRT19; KRT2; KRT25; KRT3; KRT31; KRT33A; KRT37; KRT38; KRT39; KRT4; KRT5; KRT6A; KRT6B; KRT6C; KRT71; KRT74; KRT75; KRT8; KRT81; KRT82; KRT83; KRT85; KRT86; KRT9; KRTAP1-1; KRTAP4-8; KRTAP5-5; KRTAP9-2; KSR2; KY; KYNU; LICAM; L2HGDH; L3MBTL1; L3MBTL3; LACCI; LACTB; LAD1; LAGE3; LAMA1; LAMA2; LAMA3; LAMA4; LAMA5; LAMB1; LAMB2; LAMB3; LAMB4; LAMC1; LAMC2; LAMC3; LAMP2; LAMP3; LAMTOR2; LAPT4B; LARGE; LARP1B; LARP7; LARS; LARS2; LAS1L; LAT; LATS1; LATS2; LBHD1; LBP; LBR; LCA5; LCAT; LCE3B; LCE3C; LCE5A; LCK; LCN10; LCN2; LCT; LDB1; LDB3; LDHA; LDHB; LDHD; LDLR; LDLRAD4; LDLRAP1; LECT2; LEF1; LEFTY2; LEMD2; LEMD3; LEP; LEPR; LETM1; LFNG; LGALS2; LGALS3; LGALS8; LGALS9B; LG11; LG14; LGMN; LGR4; LGR5; LHB; LHCGR; LHFPL5; LHX1; LHX3; LHX4; LHX5; LHX8; LIAS; LIF; LIFR; LIG1; LIG3; LIG4; LILRA6; LIM2; LIMA1; LIMK1; LIMS2; LIN28A; LIN28B; LIN7A; LINGO1; LINGO4; LINS; LIPA; LIPC; LIPE; LIPG; LIPH; LIPI; LIPN; LIPT2; LITAF; LLGL1; LMAN1; LMAN1L; LMAN2L; LMBR1; LMBRD1; LMF1; LMLN; LMNA; LMNB1; LMNB2; LMO1; LMO2; LMO4; LMOD1; LMOD3; LMTK2; LMTK3; LMX1A; LMX1B; LNX1; LNX2; LONP1; LONP2; LOR; LOX; LOXHD1; LOXL1; LOXL2; LOXL3; LPA; LPAR1; LPAR6; LPCAT1; LPCAT2; LPIN1; LPIN2; LPIN3; LPL; LPO; LPP; LRAT; LRBA; LRCH1; LRFN5; LRGUK; LRIG1; LRIG2; LRIT3; LRP1; LRP10; LRP1B; LRP2; LRP4; LRP5; LRP6; LRP8; LRPAP1; LRPPRC; LRRC10; LRRC14B; LRRC32; LRRC37A; LRRC37A3; LRRC4; LRRC41; LRRC56; LRRC6; LRRC66; LRRC7; LRRC8A; LRRC8E; LRRC1; LRRFIP2; LRRIQ1; LRRK1; LRRK2; LRRTM1; LRRTM4; LRSAM1; LRTOMT; LSM1; LSS; LTA; LTA4H; LTBP1; LTBP2; LTBP3; LTBP4; LTBR; LTF; LTK; LTN1; LUM; LXN; LY96; LY1; LYN; LYRM4; LYRM7; LYST; LYZ; LZTFL1; LZTR1; LZTS1; MAB21L2; MACF1; MACROD2; MAD1L1; MAD2L1; MAD2L2; MADD; MAEA; MAF; MAFA; MAFB; MAG; MAGEC1; MAGED1; MAGED2; MAGEE2; MAGEF1; MAGEL2; MAG11; MAG12; MAGT1; MAK; MALTI; MAMDC2; MAMLI; MAML2; MAML1D1; MAMSTR; MAN1A2; MAN1B1; MAN2A1; MAN2B1; MANBA; MAOA; MAOB; MAP1A; MAP1B; MAP2; MAP2K1; MAP2K2; MAP2K3; MAP2K4; MAP2K7; MAP3K1; MAP3K14; MAP3K15; MAP3K6; MAP3K7; MAP3K8; MAP4; MAP4K3; MAP4K4; MAP4K5; MAP6; MAP7D1; MAP7D3; MAPK1; MAPK10; MAPK7; MAPK8IP1; MAPK8IP3; MAPKAPK3; MAPKBP1; MAPRE2; MAPT; MARCKS; MARK2; MARK3; MARK4; MARS;</i> </p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p>MARS2; MARVELD2; MASP1; MASP2; MAST1; MAST4; MASTL; MAT1A; MAT2A; MATN3; MATN4; MATR3; MAVS; MAX; MB; MBD1; MBD3; MBD4; MBD5; MBD6; MBL2; MBNL1; MBOAT7; MBTPS1; MBTPS2; MC1R; MC2R; MC3R; MC4R; MCC; MCCC1; MCCC2; MCEE; MCF2; MCF2L2; MCFD2; MCHR1; MCIDAS; MCL1; MCM2; MCM3AP; MCM4; MCM5; MCM6; MCM7; MCM8; MCM9; MCOLN1; MCPH1; MCTP2; MDGA1; MDGA2; MDH1; MDH2; MDK; MDM2; MDM4; MDN1; MDP1; ME2; MEA1; MECOM; MECP2; MECR; MED1; MED12; MED12L; MED13; MED13L; MED17; MED20; MED23; MED24; MED25; MEF2A; MEF2C; MEFV; MEGF10; MEGF11; MEGF8; MEI1; MEIOB; MEIS1; MEIS2; MEIS3; MEN1; MEOX1; MEP1B; MEPE; MERTK; MESP2; MEST; MET; METTL1; METTL23; METTL8; MFAP4; MFAP5; MFF; MFG8; MFN2; MFRP; MFSD12; MFSD2A; MFSD8; MGAT1; MGAT2; MGAT3; MGAT4A; MGAT4B; MGAT4C; MGAT5; MGAT5B; MGEA5; MGLL; MGME1; MGMT; MGP; MGST2; MGST3; MIA2; MIA3; MIAT; MIB1; MIB2; MICA; MICAL1; MICAL2; MICAL3; MICALCL; MICALL2; MICB; MICU1; MID1; MID2; MIF; MIIP; MINPP1; MIP; MIPEP; MIPOL1; MIR106B; MIR124-1; MIR126; MIR140; MIR146A; MIR16-1; MIR17; MIR182; MIR183; MIR184; MIR191; MIR196A2; MIR204; MIR206; MIR27A; MIR30C1; MIR34B; MIR3910-1; MIR499A; MIR502; MIR510; MIR548L; MIR606; MIR675; MIR890; MIR892B; MIR96; MITF; MKI67; MKKS; MKL1; MKRN3; MKS1; MLC1; MLF1; MLH1; MLH3; MLLT1; MLLT11; MLLT3; MLLT4; MLPH; MLX; MLXIPL; MLYCD; MMAA; MMAB; MMACHC; MMADHC; MME; MMEL1; MMP1; MMP10; MMP12; MMP13; MMP14; MMP19; MMP2; MMP20; MMP21; MMP3; MMP7; MMP8; MMP9; MN1; MNS1; MNX1; MOB1A; MOCOS; MOCS1; MOCS2; MOG; MOGS; MOK; MORC2; MPC1; MPDU1; MPDZ; MPG; MPHOSPH8; MPHOSPH9; MPI; MPL; MPLKIP; MPO; MPP3; MPP4; MPP6; MPP7; MPST; MPV17; MPV17L2; MPZ; MPZL2; MR1; MRAP; MRAP2; MRAS; MRC1; MRE11A; MREG; MRE11; MROH2A; MROH2B; MROH6; MROH7-TTC4; MROH8; MRPL16; MRPL23; MRPL28; MRPL3; MRPL36; MRPL4; MRPL44; MRPL46; MRPL9; MRPS12; MRPS14; MRPS16; MRPS2; MRPS22; MRPS30; MRPS34; MRPS7; MRRF; MS4A1; MS4A12; MS4A2; MS4A3; MS4A6A; MS4A6E; MSH2; MSH3; MSH4; MSH5- SAPCD1; MSH6; MSL2; MSL3; MSMB; MSMO1; MSN; MSR1; MSRA; MSRB3; MST1; MST1R; MSTN; MSTO1; MSX1; MSX2; MT1A; MT2A; MTA1; MTA2; MTA3; MTAP; MTBP; MTCH2; MTF1; MTFMT; MTFR1; MTHFD1; MTHFD1L; MTHFR; MTHFS; MTIF2; MTIF3; MTM1; MTMR14; MTMR2; MTMR8; MTMR9; MTNR1A; MTNR1B; MTO1; MTOR;</p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>MTPAP; MTR; MTRR; MTSS1; MTSS1L; MTPP; MTUS1; MUC1; MUC12; MUC13; MUC16; MUC17; MUC21; MUC4; MUC5B; MUC6; MUC7; MURC; MUS81; MUSK; MUT; MUTYH; MVD; MVK; MX1; MX11; MXRA5; MXRA8; MYB; MYBBP1A; MYBL2; MYBPC1; MYBPC3; MYBPHL; MYC; MYCBP2; MYCL; MYCN; MYD88; MYEF2; MYF5; MYF6; MYH10; MYH11; MYH13; MYH14; MYH15; MYH2; MYH3; MYH4; MYH6; MYH7; MYH7B; MYH8; MYH9; MYL1; MYL2; MYL3; MYL4; MYLIP; MYLK; MYLK2; MYLK4; MYLPF; MYNN; MYO15A; MYO16; MYO18A; MYO18B; MYO1A; MYO1C; MYO1D; MYO1E; MYO1F; MYO3A; MYO3B; MYO5A; MYO5B; MYO5C; MYO6; MYO7A; MYO7B; MYO9A; MYO9B; MYOC; MYOCD; MYOD1; MYOM1; MYOT; MYOZ2; MYPN; MYRF; MYRFL; MYSM1; MYT1; MYT1L; MZT2B; N4BP2L2; NAA10; NAA15; NAALADL2; NACC1; NADK2; NAGA; NAGLU; NAGPA; NAGS; NAIP; NALCN; NAMPT; NANOS1; NANS; NAP1L2; NAP1L3; NAPB; NAPRT; NARFL; NARS2; NAT1; NAT10; NAT2; NAT8L; NAV1; NAV2; NBAS; NBEA; NBEAL2; NBN; NBPFI; NCALD; NCAM1; NCAN; NCAPD2; NCAPD3; NCAPG2; NCAPH; NCF1; NCF2; NCF4; NCK2; NCKAP1; NCLN; NCOA3; NCOA4; NCOR1; NCOR2; NCRI; NCR3; NCS1; NCSTN; NDE1; NDN; NDNL2; NDOR1; NDP; NDRG1; NDRG4; NDST1; NDST3; NDST4; NDUFA1; NDUFA10; NDUFA11; NDUFA12; NDUFA13; NDUFA2; NDUFA3; NDUFA4; NDUFA5; NDUFA6; NDUFA7; NDUFA8; NDUFA9; NDUFAB1; NDUFAF1; NDUFAF2; NDUFAF3; NDUFAF4; NDUFAF5; NDUFAF6; NDUFAF7; NDUFB1; NDUFB10; NDUFB11; NDUFB3; NDUFB4; NDUFB5; NDUFB6; NDUFB7; NDUFB8; NDUFB9; NDUFC1; NDUFC2; NDUFC2- KCTD14; NDUFS1; NDUFS2; NDUFS3; NDUFS4; NDUFS5; NDUFS6; NDUFS7; NDUFS8; NDUFV1; NDUFV2; NDUFV3; NEB; NEBL; NECAB2; NECAP1; NECAP2; NEDD4; NEDD4L; NEDD8- MDP1; NEDD9; NEFH; NEFL; NEFM; NEGR1; NEIL1; NEIL2; NEK1; NEK2; NEK4; NEK8; NEK9; NELFA; NELL1; NEMF; NEO1; NES; NET1; NETO2; NEU1; NEU2; NEUROD1; NEUROD2; NEUROG3; NEXN; NF1; NF2; NFASC; NFAT5; NFATC2; NFATC3; NFATC4; NFE2L1; NFE2L2; NFIA; NFIB; NFIK; NFKB1; NFKB2; NFKBIA; NFKBIL1; NFKBIZ; NFS1; NFU1; NGF; NGFR; NGLY1; NHEJ1; NHLRC1; NHLRC2; NHP2; NHS; NHSL2; NICN1; NID1; NIN; NINJ1; NIP7; NIPA1; NIPA2; NIPAL4; NIPBL; NIPSNAP1; NIPSNAP3A; NKAIN2; NKX2-1; NKX2-2; NKX2-3; NKX2-5; NKX2-6; NKX3- 1; NKX3-2; NKX6-2; NLGN1; NLGN2; NLGN3; NLGN4X; NLGN4Y; NLRC3; NLRC4; NLRC5; NLRP1; NLRP10; NLRP11; NLRP12; NLRP13; NLRP14; NLRP2; NLRP3; NLRP4; NLRP5; NLRP6; NLRP7; NLRP8; NLRP9; NLRX1;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

	<p>NM_001282192_1_f_ANG,RNASE4_546_20684758_3        ;        NM_001282192_2_f_ANG,RNASE4_104_20693650_3        ;        NM_001282192_3_f_RNASE4,ANG_1248_20700602_3; NMB; NMD3; NME1; NME5; NME7; NME8;        NME9; NMI; NMNAT1; NMNAT2; NMT2; NMU;        NNMT; NNT; NOBOX; NOD1; NOD2; NODAL;        NOG; NOL3; NONO; NOP10; NOP56; NOS1;        NOS1AP; NOS2; NOS3; NOTCH1; NOTCH2;        NOTCH3; NOTCH4; NOV; NOX1; NOX3; NOXA1;        NPAP1; NPAS2; NPAS3; NPAT; NPC1; NPCIL1;        NPC2; NPFFR2; NPHP1; NPHP3; NPHP3-ACAD11;        NPHP4; NPHS1; NPHS2; NPIPA5; NPIP5; NPL;        NPM1; NPPA; NPPA-AS1_3; NPPB; NPPC; NPR1;        NPR2; NPR3; NPRL2; NPRL3; NPSR1; NPTN; NPY;        NPY1R; NPY2R; NQO1; NQO2; NROB1; NROB2;        NR_137294_1_f_RNR1_954_1601_1; NR1D1;        NR1H2; NR1H3; NR1H4; NR1I2; NR1I3; NR2E1;        NR2E3; NR2F1; NR2F2; NR3C1; NR3C2; NR4A1;        NR4A2; NR4A3; NR5A1; NR5A2; NRAS; NRCAM;        NRD1; NRG1; NRG3; NRIP1; NRL; NRN1L; NRP1;        NRP2; NRTN; NRXN1; NRXN2; NRXN3; NSD1;        NSDHL; NSF; NSMAF; NSMCE2; NSMF; NSUN2;        NSUN7; NT5C2; NT5C3A; NT5E; NTF3; NTF4;        NTHL1; NTM; NTN1; NTN4; NTNG1; NTRK1;        NTRK2; NTRK3; NTS; NUA1; NUB1; NUBPL;        NUCB2; NUDC; NUDT1; NUDT15; NUDT6;        NUMA1; NUMBL; NUP107; NUP133; NUP155;        NUP160; NUP188; NUP205; NUP214; NUP37;        NUP62; NUP85; NUP88; NUP93; NUP98; NUS1;        NWD1; NXF3; NXF5; NXN; NXPE3; NYX; OAS1;        OAS2; OAT; OAZ1; OBSCN; OBSL1; OCA2; OCLN;        OCRL; ODC1; OFD1; OGDH; OGDHL; OGG1;        OGT; OIT3; OLA1; OLFM2; OLFML2B; OLFML3;        OLIG2; OLR1; OMG; OPA1; OPA3; OPCML;        OPHN1; OPLAH; OPN1LW; OPN1MW; OPN1SW;        OPN4; OPRD1; OPRK1; OPRL1; OPRM1; OPTC;        OPTN; OR10K2; OR10X1; OR12D2; OR13C5;        OR13G1; OR14A16; OR1B1; OR1F1; OR1J2;        OR1N1; OR1S2; OR2J3; OR2T1; OR2T10; OR2T33;        OR2T5; OR2W3; OR2Z1; OR4C12; OR4D11;        OR51A2; OR51F1; OR51G1; OR52B4; OR52H1;        OR52N4; OR5AC2; OR5H6; OR5L1; OR6K2;        OR7D4; OR8K3; OR9I1; ORA11; ORC1; ORC4;        ORC6; ORMDL3; OS9; OSBP; OSBPL2; OSBPL7;        OSBPL9; OSGEP; OSGIN2; OSMR; OSR1; OSTM1;        OTC; OTOA; OTOF; OTOG; OTOGL; OTOP2;        OTOR; OTUD4; OTUD5; OTUD6B; OTULIN; OTX2;        OVCH2; OVGPI; OVOL2; OXA1L; OXCT1; OXTR;        P2RX1; P2RX2; P2RX4; P2RX5; P2RX5-TAX1BP3;        P2RX7; P2RY11; P2RY12; P2RY4; P3H1; P3H2;        P4HA1; P4HA2; P4HB; P4HTM; PABPC4L;        PABPN1; PACS1; PACS2; PADI3; PADI4; PADI6;        PAF1; PAFAH1B1; PAFAH1B3; PAH; PAK1; PAK3;        PAK4; PAK6; PAK7; PALB2; PALLD; PALM;</p>	
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>PALM2-AKAP2; PAM16; PAMR1; PANK2; PANX1; PAPD7; PAPOLA; PAPSS2; PAQR3; PARD3; PARD3B; PARD6A; PARK2; PARK7; PARL; PARN; PARP1; PARP14; PARP2; PARS2; PASK; PATL2; PATZ1; PAWR; PAX1; PAX2; PAX3; PAX4; PAX5; PAX6; PAX7; PAX8; PAX9; PAXBP1; PAXIP1; PBRM1; PBX1; PC; PCBD1; PCBP1; PCBP3; PCCA; PCCB; PCDH11X; PCDH12; PCDH15; PCDH19; PCDHA1; PCDHA10; PCDHA13; PCDHA3; PCDHA9; PCDHB1; PCDHB4; PCDHGC3; PCF11; PCGF2; PCGF5; PCK1; PCK2; PCLO; PCMI; PCMT1; PCNA; PCNT; PCOLCE; PCP4; PCSK1; PCSK2; PCSK5; PCSK6; PCSK9; PCYT1A; PDCD1; PDCD10; PDCD5; PDE10A; PDE11A; PDE1C; PDE3A; PDE4A; PDE4B; PDE4D; PDE4DIP; PDE6A; PDE6B; PDE6C; PDE6D; PDE6G; PDE6H; PDE7B; PDE8B; PDE9A; PDF; PDGFB; PDGFC; PDGFD; PDGFRA; PDGFRB; PDGFRL; PDHA1; PDHA2; PDHB; PDHX; PDIA3; PDK1; PDK2; PDK3; PDK4; PDLIM3; PDLIM4; PDLIM5; PDP1; PDP2; PDPK1; PDPR; PDSSA; PDSS1; PDSS2; PDX1; PDXK; PDYN; PDZD2; PDZD7; PDZK1; PDZRN3; PEAR1; PECAM1; PECCR; PEMT; PENK; PEPD; PER1; PER2; PER3; PET100; PEX1; PEX10; PEX11B; PEX12; PEX13; PEX14; PEX16; PEX19; PEX2; PEX26; PEX3; PEX5; PEX6; PEX7; PFAS; PFKFB1; PFKL; PFKM; PFKP; PFN1; PGAM1; PGAM2; PGAM5; PGAP1; PGAP2; PGAP3; PGBD1; PGBD3; PGC; PGD; PGK1; PGM1; PGM3; PGPEP1; PGR; PGRMC1; PGRMC2; PGS1; PHACTR1; PHB; PHC1; PHEX; PHF11; PHF2; PHF20; PHF21A; PHF3; PHF6; PHF7; PHF8; PHGDH; PHIP; PHKA1; PHKA2; PHKB; PHKG2; PHLDA2; PHLPP1; PHLPP2; PHOX2A; PHOX2B; PHTF1; PHYH; PHYKPL; PI3; PI4K2B; PI4KA; PIAS1; PIBF1; PICALM; PICK1; PIEZO1; PIEZO2; PIF1; PIGA; PIGB; PIGC; PIGF; PIGG; PIGL; PIGM; PIGN; PIGO; PIGP; PIGQ; PIGR; PIGS; PIGT; PIGV; PIGW; PIGX; PIGZ; PIH1D3; PIK3AP1; PIK3C2A; PIK3C2G; PIK3C3; PIK3CA; PIK3CB; PIK3CD; PIK3CG; PIK3R1; PIK3R2; PIK3R3; PIK3R4; PIK3R5; PIKFYVE; PIM1; PIN1; PIN4; PINK1; PIP4K2A; PIP5K1B; PIP5K1C; PISD; PITPNA; PITPNM3; PITRM1; PITX1; PITX2; PITX3; PIWIL3; PKD1; PKD1L1; PKD2; PKD2L1; PKDCC; PKHD1; PKLR; PKM; PKN3; PKP1; PKP2; PLA2G10; PLA2G2A; PLA2G2D; PLA2G4A; PLA2G4C; PLA2G4D; PLA2G4E; PLA2G5; PLA2G6; PLA2G7; PLAA; PLAG1; PLAGL1; PLAT; PLAU; PLaur; PLB1; PLCB1; PLCB2; PLCB4; PLCD1; PLCE1; PLCG2; PLCZ1; PLD1; PLD2; PLD3; PLEC; PLEKHA1; PLEKHA4; PLEKHG1; PLEKHG2; PLEKHG4; PLEKHG4B; PLEKHG5; PLEKHM1; PLEKHM2; PLG; PLIN1; PLIN4; PLK4; PLN; PLOD1; PLOD2; PLOD3; PLP1; PLP2; PLS1; PLS3; PLTP; PLVAP; PLXNA2; PLXNA3; PLXNB1;</i></p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>PLXNB3; PLXNC1; PLXND1; PMAIP1; PMF1-BGLAP; PMFBP1; PML; PMM2; PMP2; PMP22; PMPCA; PMPCB; PMS1; PMS2; PMVK; PNCK; PNKD; PNKP; PNLIP; PNMT; PNP; PNPLA1; PNPLA2; PNPLA3; PNPLA4; PNPLA6; PNPLA8; PNPO; PNPT1; POC1A; POC1B; POC1B-GALNT4; POC5; PODN; PODXL; POF1B; POFUT1; POFUT2; POGLUT1; POGZ; POLA1; POLB; POLD1; POLE; POLE2; POLG; POLG2; POLH; POLK; POLL; POLN; POLQ; POLRIA; POLR1C; POLRID; POLR2B; POLR2E; POLR2M; POLR3A; POLR3B; POLR3GL; POLRMT; POMC; POMGNT1; POMGNT2; POMK; POMP; POMT1; POMT2; PON1; PON2; PON3; POP1; POR; PORCN; POSTN; POT1; POU1F1; POU2AF1; POU3F3; POU3F4; POU4F1; POU4F3; POU5F1; POU6F2; PPA1; PPA2; PPAN-P2RY11; PPARA; PPARD; PPARG; PPARGC1A; PPARGC1B; PPAT; PPCS; PPIA; PPIB; PPIG; PPIP5K2; PPM1B; PPM1D; PPM1G; PPM1K; PPOX; PPP1CA; PPP1CB; PPP1CC; PPP1R12A; PPP1R12B; PPP1R13B; PPP1R13L; PPP1R15B; PPP1R17; PPP1RIA; PPP1R1B; PPP1R37; PPP1R3A; PPP1R3B; PPP1R3C; PPP1R9B; PPP2CA; PPP2RIA; PPP2R1B; PPP2R2B; PPP2R2C; PPP2R3C; PPP2R5B; PPP2R5C; PPP2R5D; PPP3CA; PPP3CC; PPP3R1; PPP6C; PPP6R2; PPRC1; PPT1; PPT2; PPT2-EGFL8; PQBP1; PRAMEF1; PRAMEF2; PRB1; PRB2; PRB3; PRB4; PRC1; PRCC; PRCD; PRCP; PRDM1; PRDM12; PRDM13; PRDM16; PRDM2; PRDM5; PRDM6; PRDM8; PRDM9; PRDX1; PRELP; PREPL; PREX2; PRF1; PRG4; PRH1-PRR4; PRICKLE1; PRICKLE2; PRICKLE3; PRIMA1; PRIMPOL; PRKAA2; PRKACA; PRKACG; PRKAG2; PRKAG3; PRKARIA; PRKAR1B; PRKCA; PRKCB; PRKCD; PRKCE; PRKCG; PRKCH; PRKCQ; PRKCSH; PRKCZ; PRKD1; PRKD3; PRKDC; PRKG1; PRKG2; PRKRA; PRL; PRLH; PRLHR; PRLR; PRM1; PRM2; PRMT7; PRMT9; PRND; PRNP; PROB1; PROC; PROCR; PRODH; PROK1; PROK2; PROKR1; PROKR2; PROM1; PROP1; XII.01; PROSC; PROX1; PROX2; PROZ; PRPF3; PRPF31; PRPF38B; PRPF4; PRPF6; PRPF8; PRPH; PRPH2; PRPS1; PRR12; PRR36; PRR5; PRR5-ARHGAP8; PRRC2A; PRRT2; PRRX1; PRSS1; PRSS12; PRSS2; PRSS22; PRSS33; PRSS37; PRSS56; PRSS57; PRSS8; PRTG; PRTN3; PRUNE2; PRX; PRY; PRY2; PSAP; PSAT1; PSCA; PSEN1; PSEN2; PSENEN; PSMA3; PSMA4; PSMA6; PSMA7; PSMB4; PSMB8; PSMB9; PSMC1; PSMC3; PSMC3IP; PSMD11; PSMD12; PSMD7; PSMG2; PSPH; PSPN; PSTPIP1; PSTPIP2; PTAFR; PTCD1; PTCH1; PTCH2; PTCHD1; PTCHD3; PTDSS1; PTEN; PTF1A; PTGDR; PTGDR2; PTGER2; PTGER4; PTGES2; PTGES3L; PTGES3L-AARSD1; PTGFR; PTGIR; PTGIS; PTGS1; PTGS2; PTH; PTH1R; PTH2R; PTHLH; PTK6; PTK7; PTOV1;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p> <i>PTPN1; PTPN11; PTPN12; PTPN13; PTPN14;  PTPN2; PTPN21; PTPN22; PTPN23; PTPN3;  PTPN5; PTPN6; PTPRC; PTPRD; PTPRF; PTPRJ;  PTPRN2; PTPRO; PTPRQ; PTPRS; PTPRT; PTPRU;  PTPRZ1; PTRF; PTRH1; PTRH2; PTS; PTX3;  PUF60; PUM1; PURA; PUS1; PUS3; PUS7; PVR;  PVRL1; PVRL4; PVT1; PWAR1; PWRN1; PXDN;  PXDNL; PYCR1; PYCR2; PYCRL; PYGB; PYGL;  PYGM; PYHIN1; PYROXD1; PYURF; PYY; PZP;  QARS; QDPR; QKI; QRFPR; QRICH1; QRICH2;  QRSL1; RAB11B; RAB11FIP4; RAB11FIP5; RAB18;  RAB23; RAB25; RAB27A; RAB27B; RAB28; RAB29;  RAB2A; RAB33B; RAB39B; RAB3GAP1; RAB3GAP2;  RAB40AL; RAB7A; RABEPK; RABGGTA; RABL6;  RAC1; RAC2; RAC3; RAD1; RAD17; RAD18; RAD21;  RAD21L1; RAD23B; RAD50; RAD51; RAD51B;  RAD51C; RAD51D; RAD51L3-RFFL; RAD52;  RAD54B; RAD54L; RAD9A; RAE1; RAETIL; RAF1;  RAG1; RAG2; RAI1; RAI2; RALA; RALGAP1;  RALGAPB; RALGDS; RANBP2; RAPIA; RAPIB;  RAPIGDS1; RAPGEF1; RAPGEF4; RAPGEFL1;  RAPH1; RAPSN; RARA; RARB; RARG; RARS;  RARS2; RASA1; RASA2; RASA3; RASALI; RASAL2;  RASAL3; RASGEF1B; RASGRF1; RASGRP1;  RASGRP2; RASGRP3; RASSF1; RASSF5; RAX;  RAX2; RB1; RB1CC1; RBAK; RBAK-RBAKDN;  RBBP8; RBCK1; RBFOX1; RBFOX2; RBFOX3;  RBL1; RBL2; RBM10; RBM15; RBM20; RBM28;  RBM48; RBM8A; RBMX; RBMX2; RBMXL2;  RBMY1A1; RBP1; RBP3; RBP4; RBPJ; RBPJL;  RBSN; RC3H1; RCAN1; RCBTB1; RCC2; RCHY1;  RCOR1; RD3; RDH11; RDH12; RDH13; RDH5;  RDH8; RDX; REC8; RECQL; RECQL4; RECQL5;  REEP1; REEP2; REEP6; REL; RELA; RELB; RELN;  RELT; REM1; REN; REPS1; REPS2; RERE; RERG;  RERGL; REST; RET; RETN; REV3L; RFC2; RFC4;  RFT1; RFWD2; RFWD3; RFX1; RFX2; RFX4; RFX5;  RFX6; RFX8; RFXANK; RFXAP; RGL1; RGMA;  RGPD4; RGR; RGS2; RGS5; RGS6; RGS7; RGS9;  RGS9BP; RHAG; RHBDD2; RHBDD3; RHBDF1;  RHBDF2; RHCE; RHD; RHEB; RHO; RHOA; RHOB;  RHOBTB2; RHOG; RHOH; RHPN2; RIC1; RIC3;  RICTOR; RIMS1; RIMS2; RIMS3; RIN2; RINT1;  RIOK2; RIPK1; RIPK2; RIPK3; RIPK4; RIPLY2;  RIT1; RIT2; RLBP1; RLIM; RLN3; RMDN2; RMI1;  RMND1; RMRP; RNASE3; RNASE4,ANG; RNASEH1;  RNASEH2A; RNASEH2B; RNASEH2C; RNASEL;  RNASET2; RNF113A; RNF114; RNF125; RNF128;  RNF13; RNF135; RNF139; RNF14; RNF167;  RNF168; RNF170; RNF20; RNF212; RNF213;  RNF216; RNF31; RNF43; RNF6; RNLS; RNPC3;  ROBO1; ROBO2; ROBO3; ROBO4; ROCK1; ROCK2;  RODI; ROM1; ROPNIL; ROR1; ROR2; RORA;  RORB; RORC; ROS1; RP1; RP1-130H16; RP1-  138B7; RP1-139D8; RP1-159G19; RP1-172N19; RP1-  228P16; RP1-240B8; RP1-309K20; RP1-317E23;</i> </p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>RPI-32IE8; RPI-32II0; RPI-34HI8; RPI-37E16; RPI-4G17; RPI-66C13; RPI-90G24; RP1L1; RP2; RP9; RPA1; RPA4; RPE65; RPGR; RPGRIP1; RPGRIP1L; RPH3A; RPH3AL; RPIA; RPL10; RPL10L; RPL11; RPL15; RPL18; RPL21; RPL24; RPL26; RPL27; RPL35; RPL35A; RPL36; RPL36A- HNRNPH2; RPL38; RPL4; RPL5; RPL6; RPL9; RPN2; RPS10; RPS10-NUDT3; RPS14; RPS15; RPS15A; RPS17; RPS19; RPS20; RPS23; RPS24; RPS26; RPS27; RPS28; RPS29; RPS3; RPS4Y2; RPS5; RPS6KA3; RPS6KB1; RPS6KC1; RPS6KLI; RPS7; RPSA; RPTOR; RPUSDI; RPUSD3; RRAS; RRAS2; RREB1; RRH; RRM1; RRM2B; RRP1; RRP1B; RRP8; RS1; rs10835638; rs111033656; rs111033728; rs111033736; rs111033750; rs112782763; rs113588187; rs117113959; rs117386523; rs117714350; rs121908644; rs121908645; rs137852575; rs147324677; rs150942317; rs17349280; rs17424561; rs17425867; rs199667576; rs199915614; rs2070075; rs2293275; rs28651243; rs28717001; rs28942071; rs371265106; rs397508266; rs397517932; rs747573166; rs750043585; rs75039782; rs75391579; rs773105453; rs79579403; rs80149210; rs9649298; RSC1A1; RSPH1; RSPH3; RSPH4A; RSPH9; RSPO1; RSPO2; RSPO4; RSPRY1; RSRC1; RSRC2; RSU1; RTEL1- TNFRSF6B; RTKN2; RTN2; RTN4IP1; RTN4R; RTTN; RUFY3; RUNDC1; RUNX1; RUNX1T1; RUNX2; RUNX3; RUSC2; RUVBL1; RXFP2; RXRA; RXRG; RYK; RYR1; RYR2; RYR3; S100A14; S100A3; S100B; SIPR1; SIPR2; SAA1; SAA2; SAA2-SAA4; SACS; SAFB; SAFB2; SAG; SAGE1; SALL1; SALL2; SALL3; SALL4; SAMD4A; SAMD9; SAMD9L; SAMHD1; SAR1B; SARDH; SARMI; SARS; SARS2; SART1; SART3; SASH1; SASH3; SASS6; SAT1; SATB2; SATL1; SBDS; SBF1; SBF2; SBK3; SBNO1; SBNO2; SC5D; SCAF4; SCAMP4; SCAP; SCAPER; SCARB1; SCARB2; SCARF2; SCG2; SCG3; SCG5; SCGB1A1; SCGB1D2; SCGB3A2; SCLT1; SCN10A; SCN11A; SCN1A; SCN1B; SCN2A; SCN2B; SCN3A; SCN3B; SCN4A; SCN4B; SCN5A; SCN7A; SCN8A; SCN9A; SCNN1A; SCNN1B; SCNN1D; SCNN1G; SCO1; SCO2; SCP2; SCRIB; SCRNI; SCT; SCUBE2; SCUBE3; SCYL1; SDC1; SDC3; SDC4; SDCCAG8; SDHA; SDHAF1; SDHAF2; SDHB; SDHC; SDHD; SDK1; SDR9C7; SDSL; SEC14L1; SEC23A; SEC23B; SEC24C; SEC24D; SEC61A1; SEC61B; SEC63; SECISBP2; SEL1L; SELE; SELENBP1; SELP; SELPLG; SEMA3A; SEMA3C; SEMA3D; SEMA3E; SEMA4A; SEMA4C; SEMA4D; SEMA4G; SEMA5A; SEMA6B; SEMA6D; SEMA7A; SEMG1; SENP6; SEPN1; SEPSECS; SEPT12; SEPT14; SEPT5; SEPT9; SERAC1; SERPINA1; SERPINA10; SERPINA3; SERPINA6; SERPINA7; SERPINB11; SERPINB13; SERPINB3; SERPINB4; SERPINB5; SERPINB6; SERPINB7; SERPINB8; SERPINC1; SERPIND1;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>SERPINE1; SERPINF1; SERPINF2; SERPING1; SERPINH1; SERPINI1; SERPINI2; SERTAD1; SESN2; SESN3; SET; SETBP1; SETD1A; SETD2; SETD5; SETD6; SETD9; SETDB1; SETDB2; SETX; SEZ6; SEZ6L; SEZ6L2; SF3B1; SF3B2; SF3B3; SF3B4; SFMBT1; SFPQ; SFRP1; SFRP2; SFRP4; SFTPA1; SFTPA2; SFTPB; SFTPC; SFTPD; SFXN4; SGCA; SGCB; SGCD; SGCE; SGCG; SGK1; SGK3; SGMS2; SGOL1; SGOL2; SGPL1; SGSH; SGSM2; SH2B1; SH2B3; SH2D1A; SH3BGRL2; SH3BP2; SH3GL1; SH3KBP1; SH3PXD2B; SH3TC2; SHANK1; SHANK2; SHARPIN; SHBG; SHCBP1L; SHFM1; SHH; SHMT1; SHOC2; SHOX; SHOX2; SHROOM3; SHROOM4; SI; SIAE; SIDT1; SIGLEC12; SIGLEC14; SIGLEC6; SIGMARI; SIK1; SIK3; SIL1; SIM1; SIM2; SIN3A; SIPA1; SIPA1L1; SIPA1L2; SIPA1L3; SIRT1; SIRT3; SIRT5; SIRT6; SIX1; SIX2; SIX3; SIX5; SIX6; SKI; SKIL; SKIV2L; SKP1; SLA; SLA2; SLBP; SLC10A1; SLC10A2; SLC10A7; SLC11A1; SLC11A2; SLC12A1; SLC12A2; SLC12A3; SLC12A5; SLC12A6; SLC12A7; SLC13A1; SLC13A2; SLC13A3; SLC13A5; SLC14A1; SLC14A2; SLC15A1; SLC16A1; SLC16A12; SLC16A2; SLC16A3; SLC16A8; SLC17A1; SLC17A3; SLC17A5; SLC17A8; SLC17A9; SLC18A1; SLC18A2; SLC18A3; SLC19A1; SLC19A2; SLC19A3; SLC1A1; SLC1A2; SLC1A3; SLC1A4; SLC1A5; SLC20A2; SLC22A1; SLC22A11; SLC22A12; SLC22A14; SLC22A18; SLC22A2; SLC22A3; SLC22A4; SLC22A5; SLC22A6; SLC22A9; SLC23A1; SLC24A1; SLC24A2; SLC24A4; SLC24A5; SLC25A1; SLC25A10; SLC25A11; SLC25A12; SLC25A13; SLC25A15; SLC25A16; SLC25A19; SLC25A20; SLC25A22; SLC25A24; SLC25A25; SLC25A26; SLC25A3; SLC25A32; SLC25A35; SLC25A38; SLC25A39; SLC25A4; SLC25A42; SLC25A43; SLC25A46; SLC25A47; SLC25A5; SLC26A1; SLC26A10; SLC26A2; SLC26A3; SLC26A4; SLC26A5; SLC26A6; SLC26A8; SLC26A9; SLC27A1; SLC27A3; SLC27A4; SLC27A5; SLC28A1; SLC28A2; SLC28A3; SLC29A1; SLC29A2; SLC29A3; SLC29A4; SLC2A1; SLC2A10; SLC2A2; SLC2A3; SLC2A4; SLC2A4RG; SLC2A5; SLC2A9; SLC30A10; SLC30A2; SLC30A5; SLC30A6; SLC30A7; SLC30A8; SLC30A9; SLC31A1; SLC33A1; SLC34A1; SLC34A2; SLC34A3; SLC35A1; SLC35A2; SLC35A3; SLC35A5; SLC35C1; SLC35D1; SLC35E2B; SLC35F3; SLC35G1; SLC35G2; SLC36A2; SLC37A4; SLC38A3; SLC38A5; SLC38A6; SLC38A8; SLC39A11; SLC39A12; SLC39A13; SLC39A14; SLC39A4; SLC39A5; SLC39A8; SLC3A1; SLC40A1; SLC41A1; SLC44A2; SLC44A4; SLC45A1; SLC45A2; SLC46A1; SLC46A3; SLC47A1; SLC47A2; SLC4A1; SLC4A10; SLC4A11; SLC4A2; SLC4A3; SLC4A4; SLC4A5; SLC4A7; SLC52A1; SLC52A2; SLC52A3; SLC5A1; SLC5A11; SLC5A2; SLC5A5; SLC5A7; SLC5A9; SLC6A1; SLC6A11; SLC6A12; SLC6A13; SLC6A14;</i></p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>STK3; STK32A; STK32B; STK33; STK35; STK36; STK39; STK4; STMN1; STOM; STOX1; STRA6; STRADA; STRC; STRN4; STS; STT3A; STT3B; STUB1; STX11; STX16; STX16-NPEPL1; STX1A; STX1B; STX3; STX7; STX8; STXBP1; STXBP2; STXBP5; STXBP5L; SUCLA2; SUCLG1; SUCLG2; SUCO; SUFU; SUGCT; SUGP1; SULF1; SULT1A1; SULT1C2; SULT1C3; SULT1E1; SULT2A1; SULT2B1; SULT4A1; SUMF1; SUMO1; SUMO4; SUN1; SUN2; SUN5; SUOX; SUPT16H; SUPT20H; SURF1; SUV39H1; SUZ12; SV2A; SV2B; SVIL; sY127; sY134; sY242; sY84; sY86; SYCE1; SYCE2; SYCP2; SYCP3; SYDE2; SYK; SYN1; SYN2; SYN3; SYNCRIP; SYNE1; SYNE2; SYNE4; SYNGAP1; SYNGR1; SYNJ1; SYNJ2; SYNM; SYNPO; SYNPR; SYP; SYT1; SYT11; SYT12; SYT14; SYT17; SYT2; SYT4; SYT6; SYTL2; SYTL3; SYTL5; SYVN1; SZT2; T; TAAR1; TAAR6; TAAR9; TAB2; TAC3; TACC3; TAC01; TACR3; TACSTD2; TAF1; TAF13; TAF15; TAF1C; TAF1L; TAF2; TAF4; TAF4B; TAF6; TAF7L; TAF9B; TAL1; TAL2; TALDO1; TANC1; TANC2; TANGO2; TAOK1; TAOK3; TAP1; TAP2; TAPBP; TAPT1; TARDBP; TARS2; TAS1R1; TAS1R2; TAS1R3; TAS2R16; TAS2R19; TAS2R3; TAS2R38; TAS2R46; TAS2R50; TAS2R9; TASP1; TAT; TAX1BP3; TAZ; TBATA; TBC1D1; TBC1D20; TBC1D23; TBC1D24; TBC1D25; TBC1D30; TBC1D32; TBC1D4; TBC1D7; TBC1D8B; TBC1D9; TBCD; TBCE; TBCK; TBK1; TBL1X; TBL1XR1; TBL1Y; TBL2; TBP; TBR1; TBX1; TBX10; TBX15; TBX18; TBX19; TBX2; TBX20; TBX21; TBX22; TBX3; TBX4; TBX5; TBX6; TBXA2R; TBXAS1; TCAF2; TCAP; TCEA2; TCEB1; TCEB3B; TCF12; TCF20; TCF21; TCF3; TCF4; TCF7; TCF7L1; TCF7L2; TCHH; TCIRG1; TCL1A; TCN1; TCN2; TCOF1; TCP1; TCP10; TCTE1; TCTE3; TCTEX1D2; TCTN1; TCTN2; TCTN3; TDGF1; TDO2; TDP1; TDP2; TDRD12; TDRD5; TDRD6; TDRD7; TDRD9; TDRKH; TEAD1; TEC; TECPR2; TECR; TECRL; TECTA; TEK; TEKT2; TELO2; TENM1; TENM2; TENM3; TENM4; TEP1; TERC; TERF2IP; TERT; TET1; TET2; TEX11; TEX14; TEX15; TEX22; TF; TFAM; TFAP2A; TFAP2B; TFB1M; TFCP2; TFE3; TFF1; TFG; TFPI; TFR2; TERC; TG; TGDS; TGFA; TGFB1; TGFB2; TGFB3; TGFB1; TGFB1; TGFB2; TGFB3; TGFBRAP1; TGIF1; TGM1; TGM2; TGM3; TGM5; TGM6; TH; THADA; THAP1; THAP11; THBD; THBS1; THBS2; THBS3; THBS4; THG1L; THOC2; THOC6; THPO; THRA; THRB; THSD1; THSD7A; THTPA; TIA1; TIAM1; TICAM1; TICRR; TIMM44; TIMM50; TIMM8A; TIMMDC1; TIMP1; TIMP2; TIMP3; TINAG; TINF2; TIRAP; TJP2; TK1; TK2; TKT; TLE6; TLK1; TLK2; TLL1; TLR1; TLR10; TLR2; TLR3; TLR4; TLR5; TLR6; TLR7; TLR8; TLR9; TLX1; TLX2; TLX3; TM4SF19-TCTEX1D2; TMC1; TMC3; TMC6; TMC8; TMCC2; TMC01; TMC03;</i></p>		
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**FQ-MGL-013-05 Záznam o flexibilitě**

<p><i>TMCO5A; TMED9; TMEM106B; TMEM107; TMEM114; TMEM126A; TMEM126B; TMEM127; TMEM132D; TMEM132E; TMEM135; TMEM138; TMEM165; TMEM17; TMEM173; TMEM183A; TMEM185A; TMEM187; TMEM199; TMEM2; TMEM216; TMEM230; TMEM231; TMEM237; TMEM240; TMEM256; TMEM256-PLSCR3; TMEM260; TMEM38B; TMEM39A; TMEM43; TMEM47; TMEM5; TMEM50B; TMEM59; TMEM67; TMEM70; TMEM87B; TMEM8A; TMEM8C; TMEM9; TMEM92; TMEM98; TMEM99; TMIE; TMLHE; TMPO; TMPRSS11A; TMPRSS15; TMPRSS2; TMPRSS3; TMPRSS4; TMPRSS5; TMPRSS6; TMTC3; TMTC4; TMX2; TMX2-CTNND1; TMX3; TNC; TNF; TNFAIP2; TNFAIP3; TNFRSF10A; TNFRSF10B; TNFRSF11A; TNFRSF11B; TNFRSF13B; TNFRSF13C; TNFRSF14; TNFRSF17; TNFRSF1A; TNFRSF1B; TNFRSF25; TNFRSF4; TNFRSF6B; TNFRSF8; TNFRSF9; TNFSF11; TNFSF12; TNFSF12-TNFSF13; TNFSF13; TNFSF15; TNFSF4; TNFSF8; TNIK; TNK2; TNKS; TNNC1; TNNI2; TNNI3; TNNI3K; TNNT1; TNNT2; TNNT3; TNPI; TNPO2; TNPO3; TNR; TNRC6B; TNS2; TNS3; TNXB; TOE1; TOMIL2; TOMM40; TONSL; TOP1; TOP1MT; TOP2A; TOP2B; TOP3A; TOPBP1; TOPORS; TOR1A; TOR1AIP1; TOX2; TOX3; TP53; TP53AIP1; TP53BP1; TP53I3; TP53RK; TP63; TP73; TPCN2; TPH1; TPH2; TP11; TPK1; TPM1; TPM2; TPM3; TPMT; TPO; TPP1; TPP2; TPR; TPRKB; TPRN; TPSB2; TPTE; TPTE2; TRAC; TRADD; TRAF1; TRAF3; TRAF3IP1; TRAF3IP2; TRAF6; TRAF7; TRAIIP; TRAK1; TRAK2; TRAP1; TRAPPC10; TRAPPC11; TRAPPC12; TRAPPC2; TRAPPC2L; TRAPPC3; TRAPPC5; TRAPPC6A; TRAPPC6B; TRAPPC9; TRDN; TREH; TREM2; TRERF1; TREX1; TREX2; TRH; TRHDE; TRHR; TRIB1; TRIB2; TRIB3; TRIL; TRIM14; TRIM17; TRIM2; TRIM21; TRIM22; TRIM24; TRIM28; TRIM32; TRIM33; TRIM34; TRIM36; TRIM37; TRIM4; TRIM44; TRIM5; TRIM54; TRIM63; TRIM6-TRIM34; TRIM8; TRIML1; TRIO; TRIOBP; TRIP10; TRIP11; TRIP12; TRIP13; TRIP4; TRIT1; TRMT1; TRMT10A; TRMT10C; TRMT5; TRMU; TRNT1; TROAP; TROVE2; TRPA1; TRPC1; TRPC3; TRPC4; TRPC5; TRPC6; TRPM1; TRPM2; TRPM3; TRPM4; TRPM6; TRPM7; TRPS1; TRPV1; TRPV3; TRPV4; TRPV5; TRPV6; TRRAP; TSC1; TSC2; TSEN15; TSEN2; TSEN34; TSEN54; TSFM; TSG101; TSGA10; TSHB; TSHR; TSHZ1; TSHZ2; TSHZ3; TSIX; TSLP; TSNAX-DISC1; TSNAXIP1; TSPAN1; TSPAN12; TSPAN17; TSPAN5; TSPAN7; TSPAN8; TSPEAR; TSPO; TSPY1; TSPYL1; TSPYL2; TSR2; TSSC4; TSSK2; TSSK3; TSSK4; TST; TTBK1; TTBK2; TTC1; TTC14; TTC16; TTC19; TTC21A; TTC21B; TTC25; TTC37; TTC39A; TTC4; TTC7A; TTC8; TTF2; TTI1; TTI2; TTK; TLL1; TLL11; TLL5; TTN; TPA; TTR; TUB; TUBA1A; TUBA3D;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

<p><i>TUBA3E; TUBA4A; TUBA8; TUBB; TUBB1; TUBB2A; TUBB2B; TUBB3; TUBB4A; TUBB4B; TUBB6; TUBB8; TUBG1; TUBGCP4; TUBGCP5; TUBGCP6; TUFM; TULP1; TULP3; TUSC3; TUT1; TWIST1; TWIST2; TXN2; TXNDC15; TXNIP; TXNL4A; TXNRD2; TYK2; TYMP; TYMS; TYR; TYRO3; TYROBP; TYRP1; U2AF1; UACA; UBA1; UBA2; UBA3; UBA5; UBAC2; UBAP1; UBB; UBD; UBE2A; UBE2B; UBE2G2; UBE2H; UBE2I; UBE2T; UBE3A; UBE3B; UBE3C; UBE4A; UBIAD1; UBN1; UBN2; UBQLN1; UBQLN2; UBR1; UBR3; UBR4; UBR5; UBR7; UBTF; UCHL1; UCN; UCP1; UCP2; UCP3; UFC1; UFD1L; UFM1; UFSP2; UGDH; UGGT1; UGGT2; UGT1A1; UGT1A10; UGT1A4; UGT1A5; UGT1A6; UGT1A7; UGT1A8; UGT1A9; UGT2A1; UGT2A3; UGT2B10; UGT2B15; UGT2B17; UGT2B4; UGT2B7; UGT8; UHMK1; UHRF1BP1; UIMC1; ULK2; ULK4; UMOD; UMODL1; UMPS; UNC119; UNC13A; UNC13C; UNC13D; UNC45B; UNC5B; UNC5C; UNC5CL; UNC79; UNC80; UNC93A; UNC93B1; UNG; UNKL; UPB1; UPF3B; UPK3A; UPP1; UQCC2; UQCC3; UQCRI1; UQCRB; UQCRC1; UQCRC2; UQCRFS1; UQCRH; UQCRQ; URB1; URB1-ASI; URB2; URI1; UROC1; UROD; UROS; USB1; USF1; USF2; USH1C; USH1G; USH2A; USP1; USP11; USP15; USP18; USP19; USP24; USP26; USP27X; USP28; USP3; USP44; USP45; USP46; USP48; USP51; USP53; USP7; USP8; USP9X; USP9Y; UST; UTF1; UTP14C; UTRN; UTS2; UVVAG; UVSSA; VAC14; VAMP1; VAMP7; VANGL1; VANGL2; VAPB; VARS; VARS2; VAV1; VAX1; VAX2; VBPI; VCAMI; VCAN; VCL; VCP; VCX3A; VCY; VDAC1; VDR; VEGFA; VEGFC; VHL; VIL1; VIM; VIP; VIPAS39; VIPR2; VIT; VKORC1; VKORC1L1; VLDLR; VMA21; VMPI; VNN1; VNN2; VPREB1; VPS11; VPS13A; VPS13B; VPS13C; VPS13D; VPS33A; VPS33B; VPS35; VPS37A; VPS45; VPS4A; VPS53; VPS54; VRK1; VRK2; VSIG10; VSIG4; VSX1; VSX2; VTN; VWA3B; VWA8; VWCE; VWF; WAC; WAPAL; WARS; WARS2; WAS; WASF1; WASF3; WBP2; WDFY3; WDFY4; WDPCP; WDR1; WDR11; WDR19; WDR25; WDR26; WDR34; WDR35; WDR36; WDR37; WDR4; WDR44; WDR45; WDR45B; WDR48; WDR49; WDR5; WDR55; DND1; WDR6; WDR60; WDR62; WDR66; WDR72; WDR73; WDR81; WDR87; WDR93; WFS1; WHSC1; WIPF1; WIPI2; WISP3; WNK1; WNK2; WNK3; WNK4; WNT1; WNT10A; WNT10B; WNT11; WNT2B; WNT3; WNT3A; WNT4; WNT5A; WNT5B; WNT6; WNT7A; WNT7B; WRAP53; WRN; WT1; WWC1; WWC2; WWC3; WWOX; WWP1; WWP2; WWTR1; XBP1; XDH; XG; XIAP; XIRP1; XIRP2; XIST; XK; XKR4; XKR6; XPA; XPC; XPNPEP2; XPNPEP3; XPO1; XPR1; XRCC1; XRCC2; XRCC3; XRCC4; XRCC5; XRCC6; XYLT1; XYLT2; YAP1; YARS; YARS2; YBEY; YBX2; YEATS2; YEATS4;</i></p>		
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## FQ-MGL-013-05 Záznam o flexibilitě

	<p>YME1L1; YTHDC2; YTHDF2; YWHAE; YWHAG;          YWHAZ; YY1; YY1AP1; ZAN; ZAP70; ZBED4;          ZBTB11; ZBTB16; ZBTB18; ZBTB20; ZBTB24;          ZBTB33; ZBTB40; ZBTB41; ZBTB42; ZBTB46;          ZC3H13; ZC3H14; ZC3H3; ZC3HAV1; ZC4H2;          ZCCHC12; ZCCHC13; ZCCHC8; ZDBF2;          ZDHHC15; ZDHHC17; ZDHHC2; ZDHHC3;          ZDHHC8; ZDHHC9; ZEB1; ZEB2; ZFAT; ZFC3H1;          ZFHX3; ZFHX4; ZFP30; ZFP36; ZFP36L1;          ZFP36L2; ZFP37; ZFP57; ZFP69; ZFP90; ZFP91-          CNTF; ZFPM2; ZFR; ZFY; ZFYVE16; ZFYVE26;          ZFYVE27; ZGRF1; ZHX2; ZHX3; ZIC1; ZIC2; ZIC3;          ZIC4; ZIC5; ZKSCAN1; ZKSCAN5; ZMAT1; ZMAT3;          ZMIZ1; ZMPSTE24; ZMYM2; ZMYM3; ZMYM6;          ZMYND10; ZMYND11; ZMYND15; ZMYND8;          ZNF100; ZNF107; ZNF112; ZNF136; ZNF141;          ZNF142; ZNF148; ZNF174; ZNF175; ZNF184;          ZNF202; ZNF213; ZNF219; ZNF224; ZNF227;          ZNF229; ZNF233; ZNF24; ZNF287; ZNF292;          ZNF304; ZNF335; ZNF33A; ZNF341; ZNF365;          ZNF385B; ZNF385D; ZNF407; ZNF408; ZNF41;          ZNF419; ZNF420; ZNF423; ZNF431; ZNF433;          ZNF446; ZNF449; ZNF462; ZNF469; ZNF473;          ZNF48; ZNF480; ZNF507; ZNF513; ZNF518A;          ZNF521; ZNF526; ZNF534; ZNF536; ZNF541;          ZNF560; ZNF582; ZNF592; ZNF595; ZNF606;          ZNF627; ZNF644; ZNF660; ZNF668; ZNF674;          ZNF687; ZNF692; ZNF701; ZNF705G; ZNF711;          ZNF717; ZNF750; ZNF75D; ZNF772; ZNF776;          ZNF778; ZNF787; ZNF80; ZNF804A; ZNF81;          ZNF814; ZNF862; ZNHIT3; ZNHIT6; ZNRF1; ZP1;          ZP2; ZP3; ZP4; ZPBP; ZPBP2; ZRSR2; ZSCAN2;          ZSWIM6</p> <p><b>Osvědčení o akreditaci ze dne: 17.3.2021</b></p>		
<p>Rozšířený          prekoncepční          NGS panel –          Carrier Test /          verze 6</p>	<p>DMD;  <b>Osvědčení o akreditaci ze dne: 28.3.2022</b></p>	<p>Mgr. Martina          Bittóová</p>	<p>04/2021</p>