Supplement 2: The gene contents of the Berry Genomics Clinical Exome assay

A2M,A4GALT,AAAS,AAGAB,AANAT,AAR2,AARS,AARS2,AASS,ABAT,ABCA1,ABCA12,ABCA3,ABCA4,AB
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CSL4,ACSL5,ACSL6,ACSM3,ACSS2,ACTA1,ACTA2,ACTB,ACTC1,ACTG1,ACTG2,ACTL10,ACTL6A,ACTL
6B,ACTN1,ACTN2,ACTN3,ACTN4,ACTR5,ACTRT3,ACVR1,ACVR1B,ACVR2B,ACVRL1,ACY1,ADA,ADAM
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,ADH1B,ADH1C,ADIG,ADIPOQ,ADK,ADNP,ADRA2B,ADRA2C,ADRB1,ADRB2,ADRB3,ADRM1,ADSL,A
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LX,AMER1,AMH,AMHR2,AMMECR1,AMN,AMPD1,AMPD2,AMPD3,AMT,AMTN,ANAPC15,ANG,ANGPT
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D13B,ANKRD26,ANKRD37,ANKRD49,ANKRD60,ANKS6,ANLN,ANO10,ANO3,ANO5,ANO6,ANO9,ANTX
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L6IP1,ARMC4,ARMC5,ARMC9,ARMS2,ARNT2,ARPC1B,ARR3,ARSA,ARSB,ARSD,ARSE,ARSF,ARSG,ARS
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1orf172,C1QA,C1QB,C1QBP,C1QC,C1QTNF5,C1R,C1S,C2,C20orf112,C20orf144,C20orf166,C20orf173,C
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6,CCDC65,CCDC78,CCDC8,CCDC88A,CCDC88C,CCL11,CCL2,CCL27,CCL3,CCL3L3,CCL5,CCM2,CC
M2L,CCNC,CCND1,CCND2,CCNO,CCR10,CCR2,CCR5,CCR9,CCT2,CCT5,CD151,CD164,CD19,CD207,
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CEP135,CEP152,CEP164,CEP19,CEP250,CEP290,CEP41,CEP55,CEP57,CEP63,CEP78,CERKL,CERS1,
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COL6A2,COL6A3,COL7A1,COL8A2,COL9A1,COL9A2,COL9A3,COLEC10,COLEC11,COLQ,COMMD7,C
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RO6,CORO7,PAM16,COX10,COX11,COX14,COX15,COX17,COX18,COX19,COX20,COX4I1,COX4I2,CO
X5A,COX5B,COX6A1,COX6A2,COX6B1,COX6C,COX7A1,COX7A2,COX7A2L,COX7B,COX7B2,COX7C,C
OX8A,CP,CPA1,CPA4,CPA6,CPAMD8,CPD,CPN1,CPNE1,CPOX,CPS1,CPSF3,CPT1A,CPT1B,CPT1C,C
PT2,CR1,CR2,CRADD,CRAT,CRB1,CRB2,CRBN,CREB1,CREBBP,CRELD1,CRH,CRHR1,CRIPT,CRKL,C
RLF1,CRLF3,CRLS1,CRMP1,CRTAP,CRTC1,CRX,CRY1,CRYAA,CRYAB,CRYBA1,CRYBA2,CRYBA4,CRY
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3R,CSNK1D,CSNK2A1,CSPP1,CSRP3,CST3,CSTA,CSTB,CSTF1,CSTF2T,CTBS,CTC1,CTCF,CTCFL,CTD
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D6,CYP2R1,CYP2U1,CYP3A4,CYP3A5,CYP4F2,CYP4F22,CYP4V2,CYP7A1,CYP7B1,D2HGDH,DAB1,DA
CH1,DACT1,DAG1,DAO,DAOA,DARS,DARS2,DAZ1,DAZ2,DAZ3,DAZL,DBH,DBNDD2,DBT,DCAF13,DC
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UN1D1,DCX,DCXR,DDAH1,DDB2,DDC,DDHD1,DDHD2,DDIT3,DDOST,DDR2,DDRGK1,DDX11,DDX2
5,DDX27,DDX3X,DDX3Y,DDX41,DDX58,DDX59,DEAF1,1.Ara,DECR1,DEFB115,DEFB116,DEFB118,D
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FHC1,EFHC2,EFNB1,EFNB2,EFTUD2,EGF,EGFR,EGLN1,EGLN2,EGR2,EHBP1,EHHADH,EHMT1,EH
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L2,EPT1,EPX,ERAL1,ERAP1,ERAP2,ERBB2,ERBB3,ERBB4,ERCC1,ERCC2,ERCC3,ERCC4,ERCC5,ERC
C6,ERCC6L2,ERCC6,PGBD3,ERCC8,ERF,ERGIC3,ERI2,ERLIN1,ERLIN2,ERMAP,ERMARD,ESCO2,ESP
N,ESR1,ESR2,ESRRB,ETFA,ETFB,ETFDH,ETHE1,ETV4,ETV5,ETV6,EVC,EVC2,EVI2A,EVI2B,EVI5,EVX2
,EWSR1,EXO1,EXOC8,EXOSC2,EXOSC3,EXOSC4,EXOSC8,EXPH5,EXT1,EXT2,EXTL3,EYA1,EYA2,EYA4
,EYS,EZH2,F10,F11,F12,F13A1,F13B,F2,F5,F7,F8,F8A1,F9,FA2H,FAAH,FAAH2,FABP5,FADD,FAH,FA
HD1,FAM105B,FAM111A,FAM111B,FAM126A,FAM134B,FAM134C,FAM161A,FAM161B,FAM166A,FA
M166B,FAM173A,FAM173B,FAM175A,FAM188B,FAM196B,FAM209A,FAM209B,FAM20A,FAM20C,FA
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R2C,FCGR3A,FCGR3B,FCGRT,FCN3,FDPS,FDXACB1,FDXR,FECH,FERMT1,FERMT3,FEZF1,FFAR4,F

GA,FGB,FGD1,FGD4,FGF10,FGF12,FGF14,FGF16,FGF17,FGF20,FGF23,FGF3,FGF5,FGF8,FGF9,FG
FR1,FGFR2,FGFR3,FGFR4,FGFRL1,FGG,FH,FHL1,FHL2,FIBP,FIG4,FIGLA,FIP1L1,FITM2,FKBP10,F
KBP14,FKBP5,FKRP,FKTN,FLAD1,FLCN,FLG,FLI1,FLNA,FLNB,FLNC,FLOT2,FLRT3,FLT3,FLT4,FLV
CR1,FLVCR2,FMN1,FMN2,FMO3,FMO5,FMR1,FN1,FNDC3B,FNTB,FOLH1,FOLR1,FOSB,FOXC1,FOX
C2,FOXD3,FOXE1,FOXE3,FOXF1,FOXG1,FOXH1,FOXI1,FOXK1,FOXL2,FOXN1,FOXO1,FOXP1,FOXP
2,FOXP3,FOXRED1,FOXS1,FPGS,FPGT,TNNI3K,FPR1,FRAS1,FREM1,FREM2,FRG1,FRMD4A,FRMD7,
FRMPD4,FRRS1L,FRZB,FSBP,FSCN2,FSHB,FSHR,FTCD,FTH1,FTL,FTO,FTSJ1,FUCA1,FUS,FUT1,FU
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,LGALS9,LGI1,LGI4,LGR4,LHB,LHCGR,LHFPL5,LHX3,LHX4,LIAS,LIFR,LIG1,LIG4,LIM2,LIME1,LIMK1
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2,PHOX2A,PHOX2B,PHRF1,PHYH,PHYKPL,PI3,PI4KA,PIBF1,PICALM,PIDD,PIEZO1,PIEZO2,PIGA,PI
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,ZSWIM6,ZSWIM7