

Rare Disease Genetic Test

Gene List

V1_NOV2020

Below are the genes covered by 3billion's rare disease genetic test. The gene list is updated monthly.

A

ARHGEF10L, AGL, AGK, ANKRD45, ABCA13, AP1M2, APCDD1L, AP1M1, AGAP5, AGA, ACOT12, AP5S1, ARFRP1, ANP32E, ANP32B, ANP32C, ANP32A, ANKIB1, AGT, ASS1, ADIPOQ, ADD2, ARMH3, A1CF, ARMH1, ALG13, ANO4, ADD1, AMZ2, ARMH4, AMN1, ARPIN, APBB1, APBB2, APBB3, ATRNL1, ACTR3C, ACBD5, A3GALT2, ABCD1, ADAL, ABCD3, ABCD2, ABCD4, ARHGEF10, ARHGEF11, ARHGEF12, ATP8, ATXN7L2, ARID1A, ARHGEF16, ARHGEF17, ARHGEF18, ARHGEF19, AASDHPPT, ATP6, ASZ1, AP5M1, APRT, AIG1, ABLIM1, ABLIM3, ABLIM2, APOBEC3A, ATL3, AASDH, ATG9B, APOBEC3A_B, ARID5B, ADRA1A, AKAP5, AKAP6, ADRA1B, AJUBA, ADRA1D, AKAP3, AIFM3, ARL13B, AKAP8, AKAP9, ATF7IP2, AHR, ARHGAP17, ANGPTL5, ANGPTL4, ANGPTL3, ANGPTL2, ANGPTL1, ATL2, ATMIN, ACLY, ATP5F1, APOBEC3G, ARHGAP18, ATXN2L, ACTA2, ATP6V1D, ANKRD60, ACTA1, ATP6V1A, ATP2A1, ATP2A2, ACVR1B, ALDH3A2, ALB, ANO6, ALDH3A1, ALKBH2, ATP6V1H, AURKC, ANO3, APOBEC3C, APCDD1, APOA4, APOA5, ADARB1, ANKRD44, APOA1, APOA2, APOF, ABT1, APOD, APOE, APOB, ABCA7, APOO, ANKHD1-EIF4EBP3, APOM, AGPAT5, APOH, AKAIN1, 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AP1G1, ARL15, ATAD2B, AP1G2, ABCA8, AP1S1, AARS1, AHSP, ARMT1, AP1S2, AP5B1, ACTR10, ARL8B, AARS2, ARL8A, ARPIN-AP3S2, ARL11, AAC5, AUP1, ACRV1, AHSG, ABAT, AGAP2, ATP5MC1, ATP5MC3, ATP5MC2, AFAP1, ARHGEF15, ACER2, ACER3, ACER1, ALG1L2, A2ML1, AASS, ASAH2B, ATP13A3, ATP13A2, AARS1, ATP13A4, ABCB9, ACAA2, ACAA1, ANGEL1, APOBR, ATP6V1B1, ATP6V1B2, ANKRD11, APOL3, APOL2, APOL1, ASIP, ALDH3B2, ALDH3B1, ARIH2, ARIH1, ACAP2, ADAT1, ADAT3, ABO, ATG4C, ATG4B, ABR, ANTKMT, ATN1, ACSM2B, ACTR6, APC2, ATP8B3, AHRR, ACTR5, ARSD, ARSF, AOAH, ARSA, ATP4B, ARSL, ACTR3, ANKFY1, ARMCX4, ARMCX3, ARMCX2, ARMCX1, ACTR2, APMAP, ANK1, ANK2, ANK3, ADNP2, ACTR1B, ACTR1A, ACBD4, ATP6V0E1, ATP6V0E2, AGO2, AICDA, AVPR1B, AAAS, AVPR1A, AHCTF1, ACAD11, AKR1E2, ALG5, AGXT2, ARMCX5-GPRASP2, ARAF, ARNTL2, ANKRD13B, APOBEC3B, ARL2BP, AKIP1, ADAMTS5, ADAMTS4, ADAMTS7, ADAMTS6, ADAMTS1, ASB7, ADAMTS3, ADAMTS2, ARHGEF6, ARHGEF7, ARHGEF4, ARHGEF5, ARHGEF2, ADRA2A, ADRA2B, ADRA2C, AGAP3, ADGRF3, ABRAXAS1, ANKRD30B, ANKRD36C, ANKRD36B, ARMC10, ARAP2, ARMC12, ACOT1, ANKEF1, ANTXR1, AKAP4, AIDA, ADPGK, ARL14EP, ATP1B4, ACIN1, ATP1B2, ATP1B3, ATP1B1, ARRD4, AMACR, ATIC, ARMC6, ARRD1, ARRD2, APCS, AHNAK2, ACAD8, ANKUB1, AKAP1, ANXA2R, ARHGAP40, APOL4, ARID1B, APP, ASCC2, AZU1, ADGRG7, ADGRG6, ADGRG5, ADGRG4, ADGRG3, ADGRG2, ADGRG1, ANKFN1, APC, ACTB, ABCE1, ADHFE1, ABCF2-H2BE1, AKAP8L, ALG8, ALG9, ADNP, ARFIP1, ATG2A, ALG3, ALG1, ALG6, ARFIP2, ASTE1, ARFGAP2, ARFGAP3, ARFGAP1, AADAT, ARL4D, ATP7A, AP2B1, AMELX, AMELY, ADAMTSL2, ADORA2A, ADORA2B, ADAMTSL1, AMY2B, ADAMTSL4, ASMT, ADAR, AS3MT, ATRIP, AXDND1, ARHGAP15, APOL6, ATXN7L1, ANXA8, ANGPT2, ARHGAP12, ANGPT1, ANGPT4, ANP32D, AFM, ARHGAP10, ASDURF, ARID2, AMY2A, APOBEC4, ALOX5AP, ALYREF, ASTN2, ASTN1, ACE2, ARGLU1, ADAT2, AFP, ABTB1, ABTB2, APLNR, ATP5F1D, ATP5F1E, AGR3, ABHD17A, ATP5F1A, ATP5F1B, ATP5F1C, ATP6V0A4, ATP5MGL, ALG11, ATP6V0A1, ATP6V0A2, ALOXE3, ALKBH7, ALKBH4, ALKBH5, ARPP21, ATP5MD, ALKBH1, ANKRD13D, APIP, ANKRD13C, ANKRD13A, AMPD3, AMPD2, AMPD1, ATM, AH11, ATP6V1F, ATR, ADAM33, ADAM30, ADGB, AKR1C4, ANO8, ADSL, ATXN7L3, AKR1C1, AKR1C2, AKR1C3, AREG, ARL13A, ACVR1C, AMDHD1, ALCAM, ALKAL1, ATP2A3, AFG1L, ADAP1, ALKBH8, AMDHD2, ADAP2, ANKRD54, AAMP, ANO5, ASL, ATP6V0B, ACVR2A, ACVR2B, ANO7, ANKDD1A, ASCL2, ASCL3, AMBRA1, ASCL1, ATP10D, AIFM2, ASCL4, AIM2, ASGR1, ASGR2, ARID3B, AGAP4, ANO2, ACADS, ATP6V1E2, AGAP9, ATP4A, ARHGEF37, API5, ARSB, ABCC11, ARNT, ACOX2, ACOX3, ABI3BP, ACOX1, ACTL9, ACTL8, ALDH2, ATP5MPL, ADSS2, ARL17A, ARMCX6, AMIGO1, AATK, AMIGO3, AMIGO2, ARMCX5, AKR7L, ARHGAP9, AMOTL1, AMOTL2, ATP6V0C, ABHD2, ARSH, ARMS2, ASH1L, AGRP, ARSI, AP3S2, ALOX15, AP3S1, ARHGEF39, ALOX12, ARSK, AGGF1, ARHGAP45, ARHGAP44, ARAP3, ASAH1, AXIN1, ARHGAP42, ALX3, ANGPTL7, ALX1, ADCK5, ADCK2, ACADM, ATF7-NPFF, ARHGDIG, ABCB1, ARHGDIB, ANOS1, AURKB, ARHGDA, ARSG, ABCC8, AP1B1, ABCB8, AQP10, ASF1A, ASF1B, AMD1, ARNTL, ARL6IP4, ATAD3C, ATAD3B, ATAD3A, ANGPTL6, ATP10A, ATP10B, ANKRD30BL, ABHD14A, ATXN3L, ABHD14B, ACTL7B, ANKRD30A, ARR3, ANKRD34C, ARID5A, AP2A2, ADGRD1, AGTPBP1, ALPI, ASCL5, ABHD1, AIRE, AGAP1, ABI2, ABI3, ABI1, AGR2, ACKR1, ACKR2, ACTL7A, ARHGAP30, ARHGAP31, ARHGAP32, ARHGAP33, ADH1C, ADH1B, ADH1A, ARHGAP39, ATP6V1C1, ABCC3, AHNAK, ARHGEF40, ASB10, ACADVL, ADD3, ACTG1, ACTG2, AGPAT4, ARFGEF3, AGER, ATF7IP, ARL10, ABHD12B, APOC4, ASB13, APOC2, APOC3, APOC1, ATP2C2, ADGRV1, ATP2C1, AXL, ASB15, ANKRD42, ASPDH, ANKS1A, ACSM1, ANKRD18B, ACSM3, ASB17, ATP6AP1, ACSM4, ATP6AP2, AGMO, ANKS3, AGO4, ATP6V0D1, ANKRD52, ADM2, A1BG, AQP6, AQP7, AQP4, AQP5, AQP2, AQP3, AQP1, ADGRD2, ASB12, ANKRD49, ACSM2A, AQP8, AQP9, ALDH16A1, ACTL10, ACOT8, ACOT9, ACOT6, ACOT7, ACOT4, ACOT2, ABITRAM, ADCY4, ADCY5, ADCY6, ADCY7, ADCY1, ADCY2, ADCY3, ALDH1L2, ADCY8, ADCY9, ARCN1, APOBEC2,

APOBEC1, AFG3L2, AREL1, ANKLE1, AMMECR1, ASIC5, ACADS, APBB1IP, AGAP11, AKNA, ADORA1, ADORA3, ATRAID, ARHGEF35, ARHGAP8, ACSBG1, ACSBG2, ARHGAP4, ARHGAP5, ARHGAP6, AP4B1, ACADL, ARHGAP1, AEN, AP2S1, ABCF3, ABCF2, ABCF1, ARHGEF28, APPBP2, AFF4, AFF3, AFF2, AFF1, ANXA11, ANXA10, ANXA13, ASPN, ADAMTS9, ASB2, ANKRD34B, ACSF3, ARL16, ARHGEF33, ASB3, ACSF2, ADSS1, ARHGEF38, ANKLE2, ATG10, ATG12, ATG13, ATG14, ABRACL, ALLC, ARV1, APTX, ARHGEF3, ABCA10, ABCA12, ANG, ALDH4A1, ASB4, ATOX1, ANHX, ATP5PD, AAMDC, ATP5PF, ARHGEF9, ATP5PB, ALS2CL, ATP6V1G3, ATP6V1G2, ATP6V1G1, ASPRV1, ANKS4B, AGTR2, AGTR1, AMOT, AGFG2, ASB8, AGFG1, ATF6B, AGBL5, AGBL4, ASB6, AGBL2, AGBL1, ACCSL, ACTC1, ADAMTS8, ADIRF, ADAMTS13, ADAMTS12, ARRB2, ADAMTS14, ADCY10, ARRB1, ADAMTS19, AUTS2, ADPRH, ARHGEF1, A2M, ADPRM, AZI2, ADI1, APH1A, ANAPC2, ADIPOR2, ADIPOR1, ANAPC5, ADGRF2, ARHGAP19, ARHGAP21, APOLD1, ARPP19, ANAPC7, AJM1, ARHGAP27, ARL5B, ALOX12B, AAR2, ACACA, ALDH1L1, ACACB, ACSS3, ACSS2, ACSS1, ASPSCR1, ATP11C, ATRN, APPL1, APPL2, ATP5PO, ADAM21, ADAM20, ADAM23, ALDH7A1, ATXN10, ATRX, AKR1B1, ADAM29, ADAM28, ATXN7L3B, AJAP1, AGRN, AIF1L, AKIRIN2, AKIRIN1, AP1S3, ANKRD36, ANGPTL8, AGXT, ASNS, ATL1, ACTR3B, ADRB1, ADRB2, ADRB3, AGPAT3, AGPAT2, AGPAT1, ACAD9, AVPI1, ALG2, ARPC5L, ARL4A, ASAP1, ASAP2, ASAP3, ARL5C, AOX1, ANKH, ATP5MF-PTCD1, ANTXR1, AMER3, AAGAB, ADGRE5, APELA, ANKHD1, ADGRE1, AIP, ADGRE3, AIMP1, ADAMTS18, ANKAR, ATP6V1C2, AEBP1, ATP11B, ATP11A, AEBP2, ANKRD16, ANKRD17, ARAP1, ADCYAP1R1, ANKRD12, ALDH1A1, ALDH1A2, ALDH1A3, AP3B1, ARPC4-TLL3, AP3B2, AMHR2, AMBP, AWAT1, APEX1, APEX2, APEX3, AMB, APEX2, AGAP6, ATG7, ATG5, ADARB2, ACY3, ASNSD1, ACY1, ANXA1, ANXA3, ANXA2, ANXA5, ANXA4, ANXA7, ANXA6, ANXA9, AQP11, AP4E1, AADAC, ACP7, ALDOA, ALDOC, ALDOB, AXIN2, ARID3A, ARID3C, ALPP, ASAH2, ARRDC5, ARX, ABHD14A-ACY1, ANO10, ANKRA1, ARC, ALPG, ABCC9, ALG16L1, ABCC4, ABCC5, ABCC6, AHCY, ABCC2, ALPL, AOC1, ASB11, AOC3, AOC2, ALPL, ADPRH1, ASB16, ADPRS, ASB18, ANKRD40CL, ARRDC3, ACP6, AKT1, AKT2, AKT3, ATP9B, ATP9A, ANKK1, APLP1, APLP2, ADCK1, ADAD1, ATP6AP1L, ADAMTS20, ATG101, ATG2B, AHCYL1, ALX4, AK7, AHCYL2, ANAPC15, A4GNT, AVIL, ASH2L, ANAPC11, ANAPC10, ANAPC13, ARHGAP23, ANKMY1, ANKMY2, ARHGAP20, ALKBH6, ARHGAP25, ARHGAP25, ARHGAP24, APEH, ABCB7, ARHGAP29, ARHGAP28, AURKA, ATP13A1, ABCB5, AFMID, ALOX5, ABCB4, ANXA8L1, ATG16L2, ABHD8, ANKRD22, AFTPH, ACOT11, ATP2B1, ABHD3, ATP2B3, ATP2B2, ABHD6, ATP2B4, ABHD4, ABHD5, ADAM7, ADIG, ACOT13, ADAM2, ACYP1, ACYP2, ADAMTS10, ACSL3, ARPC1A, ACSL1, ACSL6, AKAP14, ADAM8, ADAM9, ADAMDEC1, ATP8B2, ATP8B1, ALG10B, ARPC1B, AIMP2, AATF, AVPR2, ANKRD31, ASPHD2, ANKRD53, ANKRD50, ASPHD1, AKAP10, AIPL1, ANKRD55, ACRBP, ADAMTS16, ADTRP, AKR1A1, ACSL4, APOBEC3D, ATPSCCKMT, ANGEL2, ARID4A, AANAT, ACSL5, ASTL, ANKS6, AMH, ADAM22, A4GALT, ABHD18, AMN, AP4S1, ABHD15, ASXL3, ASXL2, ABHD10, ABHD11, ABHD12, ABHD13, ATG4A, AKT1S1, ACBD3, ADGRF1, ATOH8, ATG9A, ANKRD18A, ATP13A5, AMT, ANKRD63, ACVRL1, AGO1, APH1B, ARPC3, ARPC2, ATP8B4, ASIC1, ASIC2, ANKRD27, ANKRD26, ABCB11, ABCB10, ANKRD23, APLN, ALDH5A1, ACO1, ATXN1L, AKR7A2, ACO2, APLF, ANKRD29, ANKRD28, ASMTL, ABCG1, AMPH, ABCG4, ABCG5, ACCS, AZIN2, ABCG8, ARG1, ARG2, ANKRD20A1, AVP, AAK1, ADGRA1, ADGRA3, ADGRA2, ACTR8, ASCC3, AP2A1, ASCC1, AIFM1, AMY1A, AIF1, AMY1C, AMY1B, AGO3, AGPS, ALAD, ACE, ACD, ACAN, ARM9, APOOL, ACR, ANKRD62, ABL1, ARSJ, ABL2, AFAP1L1, AKR1B10, AVEN, AFAP1L2, AKR1B15, ACAT1, AURKAIP1, ABCC12, ANKRD33, ATPAF2, ACAT2, ATPAF1, ACMSD, AP2M1, ASB1, ADM5, ANKRD65, ALDH18A1, AGTRAP, ARL17B, APAF1, ABHD16B, ABHD16A, AKAP17A, ACO1, ATG4D, ATP8A2, ARL6IP6, ARL6IP5, ATP8A1, ANKRD34A, ADAD2, ARL6IP1, ATP12A, AMFR, ARFGEF1, ARFGEF2, ADA, ANKS1B, ACHE, ADM, ASPG, ADK, ANKZF1, ADH7, ADH6, ADH5, ADH4, ATAT1, ANKRD66, ADGRF4, ACTRT1, ACTRT2, ACTRT3, ACKR4, ARHGAP11A, ARHGAP11B, ANKRD33B, ARTN, ARHGEF25, ADGRF5, ARHGEF26, ARL9, AMMECR1L, ANKRD46, ACV1R1, ADAMTS15, ARL1, AZIN1, ARL3, ARL2, ARL6, ADAM10, ADAM11, ADAM12, ADAM15, ADAM17, ADAM18, ADAM19, ACAD10, ACKR3, ACBD6, ARID4B, AWAT2, AMTN, ANKRD6, ANKRD7, AVL9, ANKRD1, ANKRD2, AQR, ASB5, ANKRD9, ADO, ARL4C, AHDC1, AQP12B, AQP12A, ARHGAP11A-SCG5, ATP5MG, ATP5MF, ATP5ME, ATP7B, ADRM1, ANKRD40, ARHGAP35, ANAPC16, ADAMTS17, ABRA, ADAMTS13, ANKRD10, AP4M1, ANLN, ALS2, ACAP1, AP5Z1, ACAP3, ANO1, ALDH6A1, AR, ARMC8, ALOX15B, ALDH1B1, ARMC7, ANKRD61, ARMC5, ARMC2, ARMC3, ABCC10, ARMC1, ACTN3, ACTN2, ACTN1, AKAP7, ACTN4, AARD, ADAMTS15, AKR1D1, AGBL3, ASXL1, ANKDD1B, ACTL6A, ACTL6B, AMER1, ATF5, ATF4, ATF7, ATF6, ATF1, AMER2, ATF3, ATF2

B

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C

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