

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
A1BG	100%	A1CF	100%	A2LD1	100%	A2M	100%	A2ML1	100%
A4GALT	100%	A4GNT	100%	AAAS	100%	AACS	100%	AADAC	100%
AADACL2	100%	AADACL3	100%	AADACL4	100%	AADAT	99%	AAGAB	100%
AAK1	99%	AAMP	100%	AANAT	100%	AARS	100%	AARS2	100%
AARSD1	100%	AASDH	100%	AASDHPPT	100%	AASS	100%	AATF	100%
AATK	99%	ABAT	100%	ABCA1	100%	ABCA10	99%	ABCA12	100%
ABCA13	100%	ABCA2	100%	ABCA3	100%	ABCA4	100%	ABCA5	99%
ABCA6	99%	ABCA7	99%	ABCA8	99%	ABCA9	100%	ABCB1	100%
ABCB10	81%	ABCB11	100%	ABCB4	100%	ABCB5	100%	ABCB6	100%
ABCB7	100%	ABCB8	100%	ABCB9	100%	ABCC1	99%	ABCC10	100%
ABCC11	100%	ABCC12	100%	ABCC2	100%	ABCC3	100%	ABCC4	100%
ABCC5	100%	ABCC6	94%	ABCC8	100%	ABCC9	100%	ABCD1	97%
ABCD2	100%	ABCD3	100%	ABCD4	100%	ABCE1	91%	ABCF1	100%
ABCF2	100%	ABCF3	100%	ABCG1	98%	ABCG2	100%	ABCG4	100%
ABCG5	100%	ABCG8	100%	ABHD1	100%	ABHD10	100%	ABHD11	100%
ABHD12	99%	ABHD12B	97%	ABHD13	100%	ABHD14A	99%	ABHD14B	100%
ABHD15	98%	ABHD16A	99%	ABHD16B	100%	ABHD2	100%	ABHD3	100%
ABHD4	100%	ABHD5	100%	ABHD6	99%	ABHD8	100%	ABI1	100%
ABI2	100%	ABI3	97%	ABI3BP	100%	ABL1	100%	ABL2	100%
ABLIM1	100%	ABLIM2	100%	ABLIM3	100%	ABO	100%	ABP1	100%
ABR	100%	ABRA	100%	ABT1	99%	ABTB1	100%	ABTB2	97%
ACAA1	99%	ACAA2	84%	ACACA	100%	ACACB	100%	ACAD10	100%
ACAD11	100%	ACAD8	100%	ACAD9	100%	ACADL	100%	ACADM	100%
ACADS	100%	ACADSB	100%	ACADVL	100%	ACAN	89%	ACAP1	99%
ACAP2	100%	ACAP3	99%	ACAT1	100%	ACAT2	100%	ACBD3	99%
ACBD4	97%	ACBD5	100%	ACBD6	100%	ACBD7	100%	ACCN1	98%
ACCN2	100%	ACCN3	100%	ACCN4	100%	ACCN5	100%	ACCS	100%
ACCSL	100%	ACD	100%	ACE	100%	ACE2	99%	ACER1	100%
ACER2	100%	ACER3	100%	ACHE	100%	ACIN1	99%	ACLY	100%
ACMSD	100%	ACN9	100%	ACO1	100%	ACO2	100%	ACOT1	42%
ACOT11	98%	ACOT12	99%	ACOT13	100%	ACOT2	75%	ACOT4	98%
ACOT6	100%	ACOT7	100%	ACOT8	100%	ACOT9	99%	ACOX1	100%
ACOX2	100%	ACOX3	100%	ACOXL	99%	ACP1	100%	ACP2	100%
ACP5	100%	ACP6	98%	ACPL2	100%	ACPP	100%	ACPT	91%
ACR	80%	ACRBP	100%	ACRC	99%	ACRV1	100%	ACSBG1	99%
ACSBG2	100%	ACSF2	100%	ACSF3	100%	ACSL1	100%	ACSL3	100%
ACSL4	100%	ACSL5	100%	ACSL6	100%	ACSM1	100%	ACSM2A	100%
ACSM2B	100%	ACSM3	100%	ACSM4	99%	ACSM5	97%	ACSS1	98%
ACSS2	98%	ACSS3	100%	ACTA1	100%	ACTA2	100%	ACTB	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ACTBL2	99%	ACTC1	100%	ACTG1	100%	ACTG2	100%	ACTL10	100%
ACTL6A	100%	ACTL6B	100%	ACTL7A	100%	ACTL7B	100%	ACTL8	100%
ACTL9	100%	ACTN1	100%	ACTN2	100%	ACTN3	98%	ACTN4	100%
ACTR10	100%	ACTR1A	100%	ACTR1B	100%	ACTR2	99%	ACTR3	100%
ACTR3B	98%	ACTR3C	100%	ACTR5	97%	ACTR6	99%	ACTR8	100%
ACTRT1	100%	ACTRT2	100%	ACVR1	100%	ACVR1B	100%	ACVR1C	100%
ACVR2A	100%	ACVR2B	99%	ACVRL1	100%	ACY1	100%	ACY3	99%
ACYP1	100%	ACYP2	83%	ADA	100%	ADAD1	100%	ADAD2	100%
ADAL	100%	ADAM10	100%	ADAM11	98%	ADAM12	100%	ADAM15	99%
ADAM17	100%	ADAM18	100%	ADAM19	100%	ADAM2	100%	ADAM20	100%
ADAM21	100%	ADAM22	100%	ADAM23	99%	ADAM28	100%	ADAM29	100%
ADAM30	100%	ADAM32	99%	ADAM33	100%	ADAM7	100%	ADAM8	98%
ADAM9	100%	ADAMDEC1	100%	ADAMTS1	100%	ADAMTS10	100%	ADAMTS12	100%
ADAMTS13	97%	ADAMTS14	100%	ADAMTS15	100%	ADAMTS16	99%	ADAMTS17	95%
ADAMTS18	100%	ADAMTS19	97%	ADAMTS2	100%	ADAMTS20	100%	ADAMTS3	100%
ADAMTS4	100%	ADAMTS5	100%	ADAMTS6	100%	ADAMTS7	50%	ADAMTS8	99%
ADAMTS9	99%	ADAMTSL1	100%	ADAMTSL2	38%	ADAMTSL3	100%	ADAMTSL4	100%
ADAMTSL5	98%	ADAP1	97%	ADAP2	100%	ADAR	100%	ADARB1	98%
ADARB2	99%	ADAT1	100%	ADAT2	100%	ADAT3	100%	ADC	100%
ADCK1	99%	ADCK2	100%	ADCK3	100%	ADCK4	100%	ADCK5	99%
ADCY1	95%	ADCY10	100%	ADCY2	99%	ADCY3	100%	ADCY4	100%
ADCY5	99%	ADCY6	100%	ADCY7	100%	ADCY8	100%	ADCY9	100%
ADCYAP1	99%	ADCYAP1R1	100%	ADD1	99%	ADD2	100%	ADD3	100%
ADH1A	100%	ADH1B	100%	ADH1C	100%	ADH4	100%	ADH5	100%
ADH6	99%	ADH7	100%	ADHFE1	100%	ADI1	100%	ADIG	100%
ADIPOQ	100%	ADIPOR1	100%	ADIPOR2	100%	ADK	100%	ADM	100%
ADM2	100%	ADNP	100%	ADNP2	99%	ADO	99%	ADORA1	100%
ADORA2A	100%	ADORA2B	100%	ADORA3	100%	ADPGK	99%	ADPRH	100%
ADPRHL1	100%	ADPRHL2	100%	ADRA1A	96%	ADRA1B	95%	ADRA1D	96%
ADRA2A	97%	ADRA2B	100%	ADRA2C	93%	ADRB1	98%	ADRB2	100%
ADRB3	100%	ADRBK1	100%	ADRBK2	100%	ADRM1	100%	ADSL	100%
ADSS	97%	ADSSL1	97%	AEBP1	100%	AEBP2	100%	AEN	100%
AES	90%	AFAP1	100%	AFAP1L1	99%	AFAP1L2	100%	AFF1	100%
AFF2	100%	AFF3	98%	AFF4	100%	AFG3L2	96%	AFM	100%
AFMID	100%	AFP	100%	AFTPH	100%	AGA	100%	AGAP1	99%
AGAP11	83%	AGAP2	99%	AGAP3	97%	AGAP4	12%	AGAP5	62%
AGAP6	68%	AGAP7	33%	AGAP8	9%	AGAP9	6%	AGBL1	100%
AGBL2	97%	AGBL3	100%	AGBL4	100%	AGBL5	100%	AGER	100%
AGFG1	100%	AGFG2	100%	AGGF1	100%	AGK	100%	AGL	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
AGMAT	97%	AGMO	100%	AGPAT1	100%	AGPAT2	100%	AGPAT3	100%
AGPAT4	100%	AGPAT5	100%	AGPAT6	100%	AGPAT9	100%	AGPHD1	100%
AGPS	100%	AGR2	100%	AGR3	100%	AGRN	99%	AGRP	100%
AGT	100%	AGTPBP1	100%	AGTR1	100%	AGTR2	100%	AGTRAP	100%
AGXT	100%	AGXT2	100%	AGXT2L1	100%	AGXT2L2	100%	AHCTF1	88%
AHCY	100%	AHCYL1	100%	AHCYL2	100%	AHDC1	99%	AHI1	100%
AHNAK	100%	AHNAK2	100%	AHR	100%	AHRR	100%	AHSA1	100%
AHSA2	100%	AHSG	100%	AHSP	100%	AICDA	100%	AIDA	87%
AIF1	100%	AIF1L	100%	AIFM1	100%	AIFM2	100%	AIFM3	100%
AIG1	100%	AIM1	100%	AIM1L	100%	AIM2	100%	AIMP1	100%
AIMP2	91%	AIP	100%	AIPL1	100%	AIRE	100%	AJAP1	100%
AJUBA	100%	AK1	100%	AK2	97%	AK3	78%	AK4	85%
AK5	100%	AK7	100%	AK8	99%	AKAP1	100%	AKAP10	100%
AKAP11	100%	AKAP12	98%	AKAP13	100%	AKAP14	100%	AKAP17A (chrX)	97%
AKAP17A (chrY)	0%	AKAP2	100%	AKAP3	100%	AKAP4	99%	AKAP5	100%
AKAP6	100%	AKAP7	100%	AKAP8	100%	AKAP8L	99%	AKAP9	100%
AKD1	98%	AKIP1	99%	AKIRIN1	80%	AKIRIN2	100%	AKNA	98%
AKNAD1	100%	AKR1A1	100%	AKR1B1	100%	AKR1B10	100%	AKR1B15	86%
AKR1C1	92%	AKR1C2	91%	AKR1C3	98%	AKR1C4	100%	AKR1D1	100%
AKR1E2	100%	AKR7A2	97%	AKR7A3	94%	AKT1	100%	AKT1S1	95%
AKT2	100%	AKT3	100%	AKTIP	98%	ALAD	100%	ALAS1	100%
ALAS2	100%	ALB	100%	ALCAM	100%	ALDH16A1	100%	ALDH18A1	100%
ALDH1A1	100%	ALDH1A2	100%	ALDH1A3	100%	ALDH1B1	100%	ALDH1L1	100%
ALDH1L2	100%	ALDH2	100%	ALDH3A1	100%	ALDH3A2	100%	ALDH3B1	100%
ALDH3B2	100%	ALDH4A1	100%	ALDH5A1	99%	ALDH6A1	100%	ALDH7A1	100%
ALDH8A1	100%	ALDH9A1	100%	ALDOA	99%	ALDOB	100%	ALDOC	100%
ALG1	100%	ALG10	100%	ALG10B	100%	ALG11	100%	ALG12	100%
ALG13	99%	ALG14	100%	ALG1L	100%	ALG1L2	96%	ALG2	100%
ALG3	100%	ALG5	100%	ALG6	100%	ALG8	97%	ALG9	100%
ALK	100%	ALKBH1	100%	ALKBH2	100%	ALKBH3	100%	ALKBH4	100%
ALKBH5	100%	ALKBH6	90%	ALKBH7	82%	ALKBH8	100%	ALLC	100%
ALMS1	100%	ALOX12	100%	ALOX12B	100%	ALOX15	92%	ALOX15B	100%
ALOX5	100%	ALOX5AP	100%	ALOXE3	100%	ALPI	100%	ALPK1	100%
ALPK2	100%	ALPK3	98%	ALPL	100%	ALPP	91%	ALPPL2	83%
ALS2	100%	ALS2CL	100%	ALS2CR11	100%	ALS2CR12	100%	ALS2CR8	100%
ALX1	100%	ALX3	93%	ALX4	100%	ALYREF	89%	AMACR	100%
AMBN	100%	AMBP	100%	AMBRA1	100%	AMD1	93%	AMDHD1	99%
AMDHD2	100%	AMELX	100%	AMELY	61%	AMFR	99%	AMH	98%
AMHR2	100%	AMICA1	100%	AMIGO1	100%	AMIGO2	100%	AMIGO3	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
AMMECR1	99%	AMMECR1L	100%	AMN	92%	AMN1	100%	AMOT	99%
AMOTL1	100%	AMOTL2	100%	AMPD1	100%	AMPD2	100%	AMPD3	100%
AMPH	100%	AMT	100%	AMTN	100%	AMY1A	10%	AMY1B	10%
AMY1C	10%	AMY2A	17%	AMY2B	42%	AMZ1	96%	AMZ2	99%
ANAPC1	55%	ANAPC10	100%	ANAPC11	100%	ANAPC13	100%	ANAPC16	100%
ANAPC2	99%	ANAPC4	100%	ANAPC5	100%	ANAPC7	100%	ANG	100%
ANGEL1	100%	ANGEL2	100%	ANGPT1	100%	ANGPT2	100%	ANGPT4	100%
ANGPTL1	100%	ANGPTL2	100%	ANGPTL3	100%	ANGPTL4	100%	ANGPTL5	100%
ANGPTL6	96%	ANGPTL7	100%	ANK1	100%	ANK2	100%	ANK3	100%
ANKAR	99%	ANKDD1A	94%	ANKFN1	100%	ANKFY1	99%	ANKH	100%
ANKHD1	100%	ANKHD1-EIF4EBP3	100%	ANKIB1	100%	ANKK1	100%	ANKLE1	99%
ANKLE2	99%	ANKMY1	100%	ANKMY2	100%	ANKRA2	100%	ANKRD1	100%
ANKRD10	97%	ANKRD11	98%	ANKRD12	100%	ANKRD13A	100%	ANKRD13B	99%
ANKRD13C	98%	ANKRD13D	97%	ANKRD16	97%	ANKRD17	100%	ANKRD18A	96%
ANKRD2	98%	ANKRD20A1	0%	ANKRD20A2	2%	ANKRD20A3	1%	ANKRD20A4	1%
ANKRD22	100%	ANKRD23	98%	ANKRD24	93%	ANKRD26	100%	ANKRD27	100%
ANKRD28	100%	ANKRD29	100%	ANKRD30A	86%	ANKRD30B	92%	ANKRD31	100%
ANKRD32	100%	ANKRD33	100%	ANKRD33B	83%	ANKRD34A	100%	ANKRD34B	100%
ANKRD34C	100%	ANKRD35	100%	ANKRD36	51%	ANKRD36B	36%	ANKRD37	100%
ANKRD39	93%	ANKRD40	100%	ANKRD42	100%	ANKRD44	100%	ANKRD45	100%
ANKRD46	100%	ANKRD49	99%	ANKRD5	100%	ANKRD50	100%	ANKRD52	99%
ANKRD53	99%	ANKRD54	99%	ANKRD55	100%	ANKRD6	99%	ANKRD63	95%
ANKRD65	61%	ANKRD7	100%	ANKRD9	93%	ANKS1A	100%	ANKS1B	100%
ANKS3	100%	ANKS4B	99%	ANKS6	95%	ANKUB1	100%	ANKZF1	100%
ANLN	99%	ANO1	100%	ANO10	100%	ANO2	100%	ANO3	100%
ANO4	100%	ANO5	100%	ANO6	100%	ANO7	99%	ANO8	84%
ANO9	100%	ANP32A	100%	ANP32B	99%	ANP32C	100%	ANP32D	100%
ANP32E	100%	ANPEP	100%	ANTXR1	99%	ANTXR2	100%	ANXA1	100%
ANXA10	100%	ANXA11	100%	ANXA13	100%	ANXA2	100%	ANXA3	100%
ANXA4	100%	ANXA5	100%	ANXA6	100%	ANXA7	100%	ANXA8	0%
ANXA8L1	0%	ANXA8L2	7%	ANXA9	100%	AOAH	100%	AOC2	100%
AOC3	99%	AOX1	100%	AP1AR	100%	AP1B1	100%	AP1G1	100%
AP1G2	99%	AP1M1	100%	AP1M2	99%	AP1S1	100%	AP1S2	100%
AP1S3	100%	AP2A1	100%	AP2A2	100%	AP2B1	99%	AP2M1	100%
AP2S1	100%	AP3B1	100%	AP3B2	100%	AP3D1	99%	AP3M1	100%
AP3M2	100%	AP3S1	86%	AP3S2	100%	AP4B1	100%	AP4E1	100%
AP4M1	100%	AP4S1	100%	APAF1	100%	APBA1	100%	APBA2	100%
APBA3	97%	APBB1	100%	APBB1IP	95%	APBB2	100%	APBB3	100%
APC	100%	APC2	96%	APCDD1	100%	APCDD1L	100%	APCS	100%

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APEH	100%	APEX1	100%	APEX2	100%	APH1A	100%	APH1B	100%
API5	94%	APIP	97%	APITD1	99%	APITD1-CORT	98%	APLF	100%
APLN	99%	APLNR	100%	APLP1	96%	APLP2	100%	APOA1	100%
APOA1BP	100%	APOA2	100%	APOA4	100%	APOA5	100%	APOB	100%
APOBEC1	100%	APOBEC2	100%	APOBEC3A	95%	APOBEC3B	86%	APOBEC3C	100%
APOBEC3D	99%	APOBEC3F	100%	APOBEC3G	100%	APOBEC3H	100%	APOBEC4	100%
APOBR	100%	APOC1	100%	APOC2	100%	APOC3	100%	APOC4	100%
APOD	100%	APOE	100%	APOF	100%	APOH	100%	APOL1	100%
APOL2	100%	APOL3	100%	APOL4	100%	APOL5	99%	APOL6	100%
APOLD1	100%	APOM	100%	APOO	89%	APOOL	97%	APOPT1	100%
APP	100%	APPBP2	100%	APPL1	100%	APPL2	100%	APRT	100%
APTX	100%	AQP1	100%	AQP10	99%	AQP11	100%	AQP12A	35%
AQP12B	47%	AQP2	100%	AQP3	100%	AQP4	100%	AQP5	100%
AQP6	100%	AQP7	58%	AQP8	100%	AQP9	100%	AQPEP	100%
AQR	100%	AR	99%	ARAF	99%	ARAP1	99%	ARAP2	99%
ARAP3	100%	ARC	100%	ARCN1	100%	AREG	54%	ARF1	100%
ARF3	98%	ARF4	99%	ARF5	100%	ARF6	100%	ARFGAP1	100%
ARFGAP2	100%	ARFGAP3	100%	ARFGEF1	99%	ARFGEF2	100%	ARFIP1	100%
ARFIP2	100%	ARFRP1	100%	ARG1	100%	ARG2	100%	ARGFX	97%
ARGLU1	99%	ARHGAP1	100%	ARHGAP10	100%	ARHGAP11A	100%	ARHGAP11B	100%
ARHGAP12	100%	ARHGAP15	100%	ARHGAP17	99%	ARHGAP18	100%	ARHGAP19	100%
ARHGAP20	99%	ARHGAP21	98%	ARHGAP22	100%	ARHGAP23	77%	ARHGAP24	100%
ARHGAP25	100%	ARHGAP26	100%	ARHGAP27	97%	ARHGAP28	100%	ARHGAP29	100%
ARHGAP30	99%	ARHGAP31	100%	ARHGAP32	100%	ARHGAP33	99%	ARHGAP35	100%
ARHGAP36	99%	ARHGAP39	100%	ARHGAP4	99%	ARHGAP40	98%	ARHGAP42	96%
ARHGAP44	98%	ARHGAP5	99%	ARHGAP6	100%	ARHGAP8	97%	ARHGAP9	100%
ARHGDIA	100%	ARHGDIB	100%	ARHGDIG	94%	ARHGEF1	100%	ARHGEF10	100%
ARHGEF10L	100%	ARHGEF11	100%	ARHGEF12	100%	ARHGEF15	100%	ARHGEF16	100%
ARHGEF17	100%	ARHGEF18	99%	ARHGEF19	100%	ARHGEF2	100%	ARHGEF25	100%
ARHGEF26	100%	ARHGEF3	100%	ARHGEF33	98%	ARHGEF35	17%	ARHGEF37	99%
ARHGEF38	100%	ARHGEF4	100%	ARHGEF40	100%	ARHGEF5	35%	ARHGEF6	100%
ARHGEF7	100%	ARHGEF9	100%	ARID1A	99%	ARID1B	99%	ARID2	100%
ARID3A	98%	ARID3B	100%	ARID3C	100%	ARID4A	100%	ARID4B	100%
ARID5A	100%	ARID5B	100%	ARIH1	100%	ARIH2	100%	ARL1	100%
ARL10	100%	ARL11	100%	ARL13A	100%	ARL13B	100%	ARL14	100%
ARL15	100%	ARL16	99%	ARL17A	5%	ARL17B	9%	ARL2	99%
ARL2BP	94%	ARL3	100%	ARL4A	80%	ARL4C	100%	ARL4D	98%
ARL5A	88%	ARL5B	100%	ARL5C	100%	ARL6	100%	ARL6IP1	99%
ARL6IP4	100%	ARL6IP5	100%	ARL6IP6	100%	ARL8A	100%	ARL8B	100%

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ARL9	100%	ARMC1	100%	ARMC10	92%	ARMC12	99%	ARMC2	100%
ARMC3	100%	ARMC4	93%	ARMC5	100%	ARMC6	100%	ARMC7	100%
ARMC8	100%	ARMC9	100%	ARMCX1	100%	ARMCX2	99%	ARMCX3	99%
ARMCX5	100%	ARMCX5-GPRASP2	100%	ARMCX6	58%	ARMS2	100%	ARNT	99%
ARNT2	100%	ARNTL	100%	ARNTL2	100%	ARPC1A	100%	ARPC1B	100%
ARPC2	100%	ARPC3	93%	ARPC4	100%	ARPC4-TTLL3	100%	ARPC5	100%
ARPC5L	100%	ARPM1	100%	ARPP19	84%	ARPP21	100%	ARR3	100%
ARRB1	100%	ARRB2	98%	ARRDC1	100%	ARRDC2	96%	ARRDC3	100%
ARRDC4	99%	ARRDC5	100%	ARSA	100%	ARSB	99%	ARSD	97%
ARSE	96%	ARSF	100%	ARSG	100%	ARSH	99%	ARSI	100%
ARSJ	100%	ARSK	100%	ART1	100%	ART3	100%	ART4	100%
ART5	99%	ARTN	67%	ARV1	99%	ARVCF	100%	ARX	89%
AS3MT	100%	ASAH1	100%	ASAH2	31%	ASAH2B	17%	ASAP1	100%
ASAP2	100%	ASAP3	99%	ASB1	99%	ASB10	100%	ASB11	94%
ASB12	100%	ASB13	99%	ASB14	100%	ASB15	100%	ASB16	98%
ASB17	99%	ASB18	76%	ASB2	100%	ASB3	100%	ASB4	100%
ASB5	100%	ASB6	99%	ASB7	100%	ASB8	100%	ASB9	100%
ASCC1	99%	ASCC2	100%	ASCC3	100%	ASCL1	100%	ASCL2	96%
ASCL3	100%	ASCL4	100%	ASF1A	100%	ASF1B	100%	ASGR1	100%
ASGR2	100%	ASH1L	100%	ASH2L	100%	ASIP	100%	ASL	100%
ASMT (chrX)	92%	ASMT (chrY)	0%	ASMTL (chrX)	96%	ASMTL (chrY)	0%	ASNA1	100%
ASNS	99%	ASNSD1	100%	ASPA	100%	ASPDH	100%	ASPG	95%
ASPH	100%	ASPHD1	100%	ASPHD2	100%	ASPM	100%	ASPN	100%
ASPRV1	100%	ASPSCR1	100%	ASRGL1	100%	ASS1	100%	ASTE1	100%
ASTL	100%	ASTN1	100%	ASTN2	97%	ASUN	100%	ASXL1	100%
ASXL2	100%	ASXL3	100%	ASZ1	100%	ATAD1	100%	ATAD2	100%
ATAD2B	100%	ATAD3A	87%	ATAD3B	84%	ATAD3C	92%	ATAD5	100%
ATAT1	98%	ATCAY	100%	ATE1	100%	ATF1	100%	ATF2	100%
ATF3	100%	ATF4	93%	ATF5	93%	ATF6	100%	ATF6B	100%
ATF7	100%	ATF7IP	100%	ATF7IP2	100%	ATG10	100%	ATG12	91%
ATG13	100%	ATG14	100%	ATG16L1	100%	ATG16L2	97%	ATG2A	98%
ATG2B	100%	ATG3	100%	ATG4A	99%	ATG4B	100%	ATG4C	100%
ATG4D	97%	ATG5	100%	ATG7	100%	ATG9A	100%	ATG9B	99%
ATHL1	100%	ATIC	100%	ATL1	100%	ATL2	100%	ATL3	100%
ATM	100%	ATMIN	94%	ATN1	100%	ATOH1	100%	ATOH7	98%
ATOH8	100%	ATOX1	100%	ATP10A	100%	ATP10B	100%	ATP10D	100%
ATP11A	100%	ATP11B	100%	ATP11C	98%	ATP12A	100%	ATP13A1	99%
ATP13A2	100%	ATP13A3	100%	ATP13A4	100%	ATP13A5	100%	ATP1A1	100%
ATP1A2	100%	ATP1A3	100%	ATP1A4	100%	ATP1B1	100%	ATP1B2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ATP1B3	97%	ATP1B4	100%	ATP2A1	100%	ATP2A2	100%	ATP2A3	98%
ATP2B1	100%	ATP2B2	100%	ATP2B3	100%	ATP2B4	100%	ATP2C1	100%
ATP2C2	98%	ATP4A	100%	ATP4B	100%	ATP5A1	96%	ATP5B	100%
ATP5C1	97%	ATP5D	93%	ATP5E	100%	ATP5F1	97%	ATP5G1	100%
ATP5G2	100%	ATP5G3	100%	ATP5H	94%	ATP5I	100%	ATP5J	100%
ATP5J2	100%	ATP5J2-PTCD1	100%	ATP5L	100%	ATP5L2	100%	ATP5O	100%
ATP5S	100%	ATP5SL	100%	ATP6AP1	99%	ATP6AP1L	97%	ATP6AP2	100%
ATP6V0A1	100%	ATP6V0A2	100%	ATP6V0A4	100%	ATP6V0B	100%	ATP6V0C	100%
ATP6V0D1	100%	ATP6V0D2	100%	ATP6V0E1	100%	ATP6V0E2	100%	ATP6V1A	100%
ATP6V1B1	100%	ATP6V1B2	100%	ATP6V1C1	100%	ATP6V1C2	100%	ATP6V1D	100%
ATP6V1E1	94%	ATP6V1E2	100%	ATP6V1F	100%	ATP6V1G1	99%	ATP6V1G2	100%
ATP6V1G3	100%	ATP6V1H	100%	ATP7A	100%	ATP7B	100%	ATP8A1	100%
ATP8A2	100%	ATP8B1	100%	ATP8B2	100%	ATP8B3	100%	ATP8B4	100%
ATP9A	100%	ATP9B	100%	ATPAF1	95%	ATPAF1-AS1	100%	ATPAF2	100%
ATPBD4	100%	ATPIF1	100%	ATR	100%	ATRIP	100%	ATRN	100%
ATRN1	100%	ATRX	100%	ATXN1	100%	ATXN10	100%	ATXN1L	100%
ATXN2	95%	ATXN2L	97%	ATXN3	100%	ATXN3L	100%	ATXN7	99%
ATXN7L1	100%	ATXN7L2	99%	ATXN7L3	100%	ATXN7L3B	100%	AUH	100%
AUP1	100%	AURKA	99%	AURKAIP1	100%	AURKB	100%	AURKC	100%
AUTS2	100%	AVEN	86%	AVIL	100%	AVL9	100%	AVP	97%
AVPI1	100%	AVPR1A	100%	AVPR1B	100%	AVPR2	100%	AWAT1	98%
AWAT2	97%	AXDND1	100%	AXIN1	100%	AXIN2	100%	AXL	100%
AZGP1	100%	AZI1	99%	AZI2	100%	AZIN1	100%	AZU1	100%
B2M	100%	B3GALNT1	100%	B3GALNT2	100%	B3GALT1	100%	B3GALT2	100%
B3GALT4	100%	B3GALT5	100%	B3GALT6	78%	B3GALT7	99%	B3GAT1	100%
B3GAT2	100%	B3GAT3	98%	B3GNT1	100%	B3GNT2	100%	B3GNT3	100%
B3GNT4	100%	B3GNT5	100%	B3GNT6	100%	B3GNT7	99%	B3GNT8	100%
B3GNT9	99%	B3GNTL1	99%	B4GALNT1	100%	B4GALNT2	100%	B4GALNT3	100%
B4GALNT4	97%	B4GALT1	100%	B4GALT2	100%	B4GALT3	100%	B4GALT4	100%
B4GALT5	100%	B4GALT6	100%	B4GALT7	98%	B9D1	100%	B9D2	100%
BAALC	100%	BAAT	100%	BABAM1	98%	BACE1	99%	BACE2	96%
BACH1	100%	BACH2	100%	BAD	100%	BAG1	95%	BAG2	100%
BAG3	100%	BAG4	99%	BAG5	100%	BAG6	98%	BAGE	69%
BAGE2	89%	BAGE3	89%	BAGE4	69%	BAGE5	69%	BAHCC1	98%
BAHD1	100%	BAI1	96%	BAI2	99%	BAI3	100%	BAIAP2	100%
BAIAP2L1	100%	BAIAP2L2	94%	BAIAP3	99%	BAK1	96%	BAMBI	100%
BANF1	100%	BANF2	100%	BANK1	100%	BANP	100%	BAP1	100%
BARD1	100%	BARHL1	97%	BARHL2	100%	BARX1	98%	BARX2	100%
BASP1	94%	BATF	100%	BATF2	100%	BATF3	93%	BAX	97%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
BAZ1A	99%	BAZ1B	100%	BAZ2A	100%	BAZ2B	100%	BBC3	74%
BBIP1	95%	BBOX1	100%	BBS1	100%	BBS10	100%	BBS12	100%
BBS2	100%	BBS4	100%	BBS5	100%	BBS7	100%	BBS9	100%
BBX	100%	BCAM	100%	BCAN	100%	BCAP29	100%	BCAP31	91%
BCAR1	99%	BCAR3	100%	BCAS1	100%	BCAS2	77%	BCAS3	100%
BCAS4	98%	BCAT1	100%	BCAT2	100%	BCCIP	100%	BCDIN3D	100%
BCHE	100%	BCKDHA	100%	BCKDHB	100%	BCKDK	100%	BCL10	100%
BCL11A	100%	BCL11B	98%	BCL2	100%	BCL2A1	100%	BCL2L1	100%
BCL2L10	100%	BCL2L11	100%	BCL2L12	99%	BCL2L13	100%	BCL2L14	100%
BCL2L15	100%	BCL2L2	100%	BCL2L2-PABPN1	100%	BCL3	93%	BCL6	100%
BCL6B	100%	BCL7A	100%	BCL7B	99%	BCL7C	100%	BCL9	100%
BCL9L	99%	BCLAF1	99%	BCMO1	100%	BCO2	100%	BCOR	100%
BCORL1	100%	BCR	86%	BCS1L	100%	BDH1	100%	BDH2	95%
BDKRB1	100%	BDKRB2	100%	BDNF	100%	BDP1	99%	BEAN1	99%
BECN1	100%	BEGAIN	100%	BEND2	93%	BEND3	100%	BEND4	100%
BEND5	100%	BEND6	100%	BEND7	100%	BEST1	100%	BEST2	100%
BEST3	100%	BEST4	98%	BET1	100%	BET1L	100%	BET3L	100%
BEX1	100%	BEX2	99%	BEX4	98%	BEX5	100%	BFAR	100%
BFSP1	99%	BFSP2	100%	BGLAP	100%	BGN	100%	BHLHA15	100%
BHLHA9	84%	BHLHB9	98%	BHLHE22	100%	BHLHE23	89%	BHLHE40	100%
BHLHE41	99%	BHMT	100%	BHMT2	100%	BICC1	100%	BICD1	100%
BICD2	100%	BID	98%	BIK	100%	BIN1	100%	BIN2	100%
BIN3	100%	BIRC2	100%	BIRC3	100%	BIRC5	98%	BIRC6	100%
BIRC7	98%	BIRC8	100%	BIVM	100%	BIVM-ERCC5	100%	BLCAP	97%
BLID	100%	BLK	100%	BLM	100%	BLMH	100%	BLNK	100%
BLOC1S1	100%	BLOC1S2	100%	BLOC1S3	99%	BLVRA	100%	BLVRB	100%
BLZF1	100%	BMF	100%	BMI1	100%	BMP1	100%	BMP10	100%
BMP15	100%	BMP2	100%	BMP2K	99%	BMP3	100%	BMP4	100%
BMP5	100%	BMP6	94%	BMP7	100%	BMP8A	60%	BMP8B	63%
BMPER	100%	BMPR1A	100%	BMPR1B	100%	BMPR2	100%	BMS1	66%
BMX	98%	BNC1	98%	BNC2	100%	BNIP1	100%	BNIP2	100%
BNIP3	97%	BNIP3L	100%	BNIPL	99%	BOC	100%	BOD1	100%
BOD1L	99%	BOK	99%	BOLA1	100%	BOLA2	0%	BOLA2B	0%
BOLA3	95%	BOLL	100%	BOP1	14%	BORA	100%	BPGM	100%
BPHL	100%	BPI	100%	BPIFA1	100%	BPIFA2	100%	BPIFA3	100%
BPIFB1	100%	BPIFB2	100%	BPIFB3	100%	BPIFB4	100%	BPIFB6	100%
BPIFC	98%	BPNT1	100%	BPTF	97%	BPY2	0%	BPY2B	0%
BPY2C	0%	BRAF	100%	BRAP	100%	BRAT1	100%	BRCA1	100%
BRCA2	100%	BRCC3	82%	BRD1	100%	BRD2	97%	BRD3	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
BRD4	90%	BRD7	85%	BRD8	100%	BRD9	96%	BRDT	99%
BRE	100%	BRF1	99%	BRF2	100%	BRI3	68%	BRI3BP	99%
BRIP1	100%	BRIX1	100%	BRK1	100%	BRMS1	99%	BRMS1L	100%
BROX	100%	BRP44	99%	BRP44L	100%	BRPF1	100%	BRPF3	100%
BRS3	100%	BRSK1	92%	BRSK2	100%	BRWD1	99%	BRWD3	100%
BSC12	100%	BSDC1	95%	BSG	100%	BSN	99%	BSND	100%
BSPH1	100%	BSPRY	90%	BST1	100%	BST2	100%	BSX	100%
BTA11	100%	BTBD1	100%	BTBD10	91%	BTBD11	98%	BTBD16	100%
BTBD17	100%	BTBD18	100%	BTBD19	100%	BTBD2	87%	BTBD3	100%
BTBD6	91%	BTBD7	100%	BTBD8	100%	BTBD9	100%	BTC	100%
BTB	100%	BTF3	97%	BTF3L4	97%	BTG1	100%	BTG2	100%
BTG3	99%	BTG4	100%	BTB	100%	BTLA	100%	BTN1A1	100%
BTN2A1	100%	BTN2A2	99%	BTN3A1	91%	BTN3A2	86%	BTN3A3	91%
BTNL2	100%	BTNL3	88%	BTNL8	90%	BTNL9	100%	BTRC	99%
BUB1	100%	BUB1B	100%	BUB3	100%	BUD13	100%	BUD31	100%
BVES	100%	BYSL	100%	BZRAP1	98%	BZW1	98%	BZW2	100%
C10orf10	100%	C10orf105	100%	C10orf107	100%	C10orf11	100%	C10orf111	100%
C10orf113	100%	C10orf114	98%	C10orf116	99%	C10orf118	99%	C10orf12	100%
C10orf120	100%	C10orf122	100%	C10orf125	96%	C10orf128	100%	C10orf129	100%
C10orf131	95%	C10orf137	100%	C10orf140	98%	C10orf2	100%	C10orf25	100%
C10orf26	100%	C10orf27	100%	C10orf28	100%	C10orf32	100%	C10orf35	100%
C10orf46	100%	C10orf47	97%	C10orf53	100%	C10orf54	100%	C10orf55	100%
C10orf58	100%	C10orf62	100%	C10orf67	97%	C10orf68	99%	C10orf71	100%
C10orf76	100%	C10orf81	100%	C10orf82	100%	C10orf88	100%	C10orf90	100%
C10orf91	100%	C10orf95	89%	C10orf96	100%	C10orf99	100%	C11orf1	100%
C11orf10	100%	C11orf16	100%	C11orf2	97%	C11orf20	100%	C11orf21	100%
C11orf24	100%	C11orf30	100%	C11orf31	85%	C11orf34	99%	C11orf35	98%
C11orf40	100%	C11orf41	100%	C11orf42	100%	C11orf45	100%	C11orf46	100%
C11orf48	100%	C11orf49	100%	C11orf51	99%	C11orf52	100%	C11orf53	99%
C11orf54	100%	C11orf57	100%	C11orf58	100%	C11orf61	100%	C11orf63	100%
C11orf65	100%	C11orf67	100%	C11orf68	92%	C11orf70	100%	C11orf71	100%
C11orf73	97%	C11orf74	98%	C11orf75	100%	C11orf80	99%	C11orf82	100%
C11orf83	100%	C11orf84	99%	C11orf85	100%	C11orf86	100%	C11orf87	100%
C11orf88	98%	C11orf9	97%	C11orf91	89%	C11orf93	100%	C11orf94	100%
C11orf95	93%	C11orf96	100%	C12orf10	100%	C12orf12	100%	C12orf23	100%
C12orf24	99%	C12orf26	100%	C12orf29	97%	C12orf34	100%	C12orf35	100%
C12orf39	99%	C12orf4	100%	C12orf40	100%	C12orf42	100%	C12orf43	100%
C12orf44	100%	C12orf45	100%	C12orf49	95%	C12orf5	100%	C12orf50	100%
C12orf51	99%	C12orf52	100%	C12orf53	99%	C12orf54	100%	C12orf56	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
C12orf57	100%	C12orf59	100%	C12orf60	100%	C12orf61	94%	C12orf62	100%
C12orf65	100%	C12orf66	100%	C12orf68	100%	C12orf69	100%	C12orf70	100%
C12orf71	100%	C12orf73	100%	C12orf74	100%	C12orf75	78%	C12orf76	100%
C12orf77	99%	C13orf15	99%	C13orf16	100%	C13orf26	100%	C13orf27	100%
C13orf30	100%	C13orf33	98%	C13orf35	100%	C14orf1	100%	C14orf101	99%
C14orf102	100%	C14orf105	100%	C14orf109	100%	C14orf118	100%	C14orf119	98%
C14orf126	99%	C14orf129	100%	C14orf133	100%	C14orf135	100%	C14orf142	100%
C14orf149	100%	C14orf159	99%	C14orf166	100%	C14orf166B	100%	C14orf169	99%
C14orf176	100%	C14orf177	100%	C14orf178	91%	C14orf180	99%	C14orf182	100%
C14orf183	100%	C14orf2	100%	C14orf21	99%	C14orf28	100%	C14orf37	99%
C14orf38	97%	C14orf39	100%	C14orf43	100%	C14orf45	100%	C14orf49	100%
C14orf79	100%	C14orf80	99%	C14orf93	100%	C15orf17	99%	C15orf2	100%
C15orf23	100%	C15orf24	100%	C15orf26	100%	C15orf27	96%	C15orf29	94%
C15orf32	100%	C15orf33	100%	C15orf38	99%	C15orf38-AP3S2	99%	C15orf39	98%
C15orf40	100%	C15orf41	100%	C15orf42	100%	C15orf43	97%	C15orf44	100%
C15orf48	100%	C15orf52	99%	C15orf53	100%	C15orf54	100%	C15orf55	100%
C15orf56	95%	C15orf57	100%	C15orf58	100%	C15orf59	100%	C15orf60	100%
C15orf61	100%	C15orf62	100%	C15orf63	100%	C16orf11	99%	C16orf13	90%
C16orf3	100%	C16orf42	99%	C16orf45	100%	C16orf46	100%	C16orf48	100%
C16orf5	97%	C16orf52	81%	C16orf53	100%	C16orf54	100%	C16orf55	99%
C16orf57	100%	C16orf58	100%	C16orf59	98%	C16orf61	100%	C16orf62	100%
C16orf7	97%	C16orf70	100%	C16orf71	100%	C16orf72	100%	C16orf73	100%
C16orf74	100%	C16orf78	100%	C16orf79	100%	C16orf80	100%	C16orf82	100%
C16orf86	100%	C16orf87	98%	C16orf88	97%	C16orf89	83%	C16orf90	100%
C16orf91	100%	C16orf92	100%	C16orf93	100%	C16orf95	100%	C16orf96	100%
C17orf100	100%	C17orf101	98%	C17orf102	100%	C17orf103	91%	C17orf104	100%
C17orf105	100%	C17orf107	100%	C17orf108	97%	C17orf109	100%	C17orf110	100%
C17orf28	100%	C17orf39	87%	C17orf46	100%	C17orf47	100%	C17orf48	100%
C17orf49	100%	C17orf50	97%	C17orf51	99%	C17orf53	100%	C17orf56	100%
C17orf57	100%	C17orf58	99%	C17orf59	100%	C17orf61	100%	C17orf62	100%
C17orf63	100%	C17orf64	100%	C17orf65	99%	C17orf66	100%	C17orf67	100%
C17orf70	100%	C17orf72	99%	C17orf74	100%	C17orf75	100%	C17orf77	100%
C17orf78	100%	C17orf79	87%	C17orf80	100%	C17orf81	100%	C17orf82	100%
C17orf85	100%	C17orf89	62%	C17orf90	100%	C17orf96	96%	C17orf97	93%
C17orf98	100%	C17orf99	94%	C18orf1	100%	C18orf21	100%	C18orf25	100%
C18orf26	100%	C18orf32	100%	C18orf34	98%	C18orf42	100%	C18orf54	100%
C18orf56	100%	C18orf62	100%	C18orf63	100%	C18orf8	100%	C19orf10	100%
C19orf12	100%	C19orf18	100%	C19orf21	100%	C19orf24	84%	C19orf25	100%
C19orf26	100%	C19orf29	100%	C19orf33	100%	C19orf35	96%	C19orf38	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
C19orf40	100%	C19orf42	100%	C19orf43	100%	C19orf44	100%	C19orf45	99%
C19orf46	99%	C19orf47	100%	C19orf48	100%	C19orf51	100%	C19orf52	93%
C19orf53	98%	C19orf54	100%	C19orf55	100%	C19orf57	100%	C19orf59	100%
C19orf6	99%	C19orf60	92%	C19orf63	95%	C19orf66	100%	C19orf69	85%
C19orf70	100%	C19orf71	89%	C19orf73	100%	C19orf75	100%	C19orf76	100%
C19orf77	100%	C19orf79	96%	C19orf80	99%	C19orf81	100%	C1D	79%
C1GALT1	100%	C1GALT1C1	100%	C1orf100	100%	C1orf101	99%	C1orf105	100%
C1orf106	94%	C1orf109	100%	C1orf110	100%	C1orf111	100%	C1orf112	100%
C1orf114	100%	C1orf115	100%	C1orf116	100%	C1orf122	100%	C1orf123	100%
C1orf124	100%	C1orf127	99%	C1orf129	100%	C1orf130	100%	C1orf131	100%
C1orf135	100%	C1orf141	99%	C1orf144	96%	C1orf146	100%	C1orf150	100%
C1orf151-NBL1	87%	C1orf158	100%	C1orf159	100%	C1orf162	100%	C1orf168	100%
C1orf172	100%	C1orf173	99%	C1orf174	100%	C1orf177	100%	C1orf182	100%
C1orf185	99%	C1orf186	100%	C1orf187	100%	C1orf189	100%	C1orf190	100%
C1orf192	100%	C1orf194	100%	C1orf198	100%	C1orf201	100%	C1orf204	100%
C1orf21	100%	C1orf210	100%	C1orf212	100%	C1orf216	100%	C1orf226	100%
C1orf227	100%	C1orf228	97%	C1orf229	71%	C1orf27	100%	C1orf31	100%
C1orf35	94%	C1orf38	100%	C1orf43	100%	C1orf49	99%	C1orf50	99%
C1orf51	100%	C1orf52	100%	C1orf53	100%	C1orf54	100%	C1orf55	100%
C1orf56	100%	C1orf61	99%	C1orf63	100%	C1orf64	100%	C1orf65	100%
C1orf68	100%	C1orf74	99%	C1orf85	100%	C1orf86	93%	C1orf87	100%
C1orf88	100%	C1orf9	100%	C1orf94	100%	C1orf95	100%	C1orf96	99%
C1QA	100%	C1QB	100%	C1QBP	90%	C1QC	100%	C1QL1	99%
C1QL2	100%	C1QL3	98%	C1QL4	99%	C1QTNF1	100%	C1QTNF2	100%
C1QTNF3	100%	C1QTNF4	99%	C1QTNF5	100%	C1QTNF6	100%	C1QTNF7	100%
C1QTNF8	100%	C1QTNF9	89%	C1QTNF9B	100%	C1QTNF9B-AS1	100%	C1R	100%
C1RL	100%	C1S	100%	C2	94%	C2orf11	99%	C2orf111	100%
C2orf112	96%	C2orf118	100%	C2orf123	99%	C2orf132	100%	C2orf141	100%
C2orf144	100%	C2orf151	99%	C2orf152	100%	C2orf160	85%	C2orf166	100%
C2orf173	100%	C2orf177	100%	C2orf194	99%	C2orf195	100%	C2orf196	100%
C2orf197	100%	C2orf20	98%	C2orf201	89%	C2orf202	100%	C2orf203	91%
C2orf24	98%	C2orf26	100%	C2orf27	100%	C2orf29	100%	C2orf3	100%
C2orf30	78%	C2orf4	100%	C2orf43	100%	C2orf54	100%	C2orf7	100%
C2orf72	100%	C2orf79	100%	C2orf85	100%	C2orf94	100%	C2orf96	100%
C21orf2	99%	C21orf33	100%	C21orf56	98%	C21orf58	100%	C21orf59	100%
C21orf62	100%	C21orf63	72%	C21orf7	98%	C21orf91	100%	C22orf13	100%
C22orf15	100%	C22orf23	100%	C22orf24	100%	C22orf25	100%	C22orf26	90%
C22orf28	100%	C22orf29	100%	C22orf31	100%	C22orf32	100%	C22orf33	100%
C22orf39	100%	C22orf40	100%	C22orf42	100%	C22orf43	97%	C22orf46	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
C2CD2	96%	C2CD2L	99%	C2CD3	100%	C2CD4A	84%	C2CD4B	82%
C2CD4C	100%	C2CD4D	97%	C2orf15	100%	C2orf16	100%	C2orf18	98%
C2orf27A	0%	C2orf27B	8%	C2orf28	100%	C2orf29	99%	C2orf40	100%
C2orf42	100%	C2orf43	100%	C2orf44	100%	C2orf47	100%	C2orf48	100%
C2orf49	100%	C2orf50	97%	C2orf51	100%	C2orf53	99%	C2orf54	100%
C2orf55	99%	C2orf56	100%	C2orf57	100%	C2orf61	100%	C2orf62	100%
C2orf63	100%	C2orf65	100%	C2orf66	100%	C2orf67	100%	C2orf68	100%
C2orf69	97%	C2orf70	100%	C2orf71	100%	C2orf72	46%	C2orf73	100%
C2orf74	100%	C2orf76	100%	C2orf77	99%	C2orf78	96%	C2orf80	100%
C2orf81	100%	C2orf82	98%	C2orf83	100%	C2orf84	98%	C2orf88	100%
C2orf89	100%	C3	100%	C3AR1	100%	C3orf14	99%	C3orf15	100%
C3orf17	100%	C3orf18	100%	C3orf19	100%	C3orf20	98%	C3orf22	100%
C3orf23	100%	C3orf24	100%	C3orf25	100%	C3orf26	100%	C3orf27	100%
C3orf30	100%	C3orf32	100%	C3orf33	100%	C3orf35	100%	C3orf36	100%
C3orf37	100%	C3orf38	100%	C3orf39	100%	C3orf43	100%	C3orf45	97%
C3orf52	98%	C3orf55	100%	C3orf58	100%	C3orf62	100%	C3orf64	100%
C3orf67	100%	C3orf70	100%	C3orf71	94%	C3orf72	100%	C3orf75	100%
C3orf77	100%	C3orf78	100%	C3orf79	100%	C3orf80	100%	C4A	16%
C4B	16%	C4BPA	100%	C4BPB	100%	C4orf17	100%	C4orf19	100%
C4orf21	100%	C4orf22	100%	C4orf26	100%	C4orf27	98%	C4orf29	100%
C4orf3	100%	C4orf32	83%	C4orf33	100%	C4orf34	100%	C4orf36	100%
C4orf37	100%	C4orf39	99%	C4orf40	100%	C4orf43	99%	C4orf44	100%
C4orf45	100%	C4orf46	100%	C4orf47	100%	C4orf48	90%	C4orf49	100%
C4orf51	100%	C4orf52	100%	C4orf6	100%	C5	100%	C5AR1	100%
C5orf15	95%	C5orf20	100%	C5orf22	100%	C5orf24	100%	C5orf25	98%
C5orf28	100%	C5orf30	100%	C5orf32	100%	C5orf34	100%	C5orf35	100%
C5orf38	99%	C5orf39	100%	C5orf4	100%	C5orf41	100%	C5orf42	100%
C5orf43	98%	C5orf44	100%	C5orf45	100%	C5orf46	100%	C5orf47	100%
C5orf48	100%	C5orf49	99%	C5orf51	99%	C5orf52	100%	C5orf54	100%
C5orf55	100%	C5orf58	100%	C5orf60	97%	C5orf62	100%	C5orf63	100%
C5orf64	100%	C5orf65	100%	C6	100%	C6orf1	100%	C6orf10	100%
C6orf103	100%	C6orf105	100%	C6orf106	100%	C6orf108	98%	C6orf115	100%
C6orf118	100%	C6orf120	98%	C6orf125	100%	C6orf126	88%	C6orf127	100%
C6orf130	100%	C6orf132	95%	C6orf136	100%	C6orf138	100%	C6orf141	99%
C6orf146	99%	C6orf15	100%	C6orf162	100%	C6orf163	100%	C6orf165	100%
C6orf168	100%	C6orf170	100%	C6orf174	100%	C6orf186	90%	C6orf191	100%
C6orf192	99%	C6orf195	100%	C6orf201	100%	C6orf203	98%	C6orf211	100%
C6orf221	100%	C6orf222	100%	C6orf223	99%	C6orf225	100%	C6orf226	100%
C6orf228	96%	C6orf25	100%	C6orf47	100%	C6orf48	99%	C6orf52	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>C6orf57</i>	100%	<i>C6orf58</i>	100%	<i>C6orf62</i>	100%	<i>C6orf70</i>	100%	<i>C6orf72</i>	100%
<i>C6orf89</i>	100%	<i>C6orf94</i>	100%	<i>C6orf97</i>	100%	<i>C6orf99</i>	100%	<i>C7</i>	100%
<i>C7orf10</i>	100%	<i>C7orf11</i>	100%	<i>C7orf23</i>	100%	<i>C7orf25</i>	100%	<i>C7orf26</i>	92%
<i>C7orf29</i>	100%	<i>C7orf30</i>	100%	<i>C7orf31</i>	100%	<i>C7orf33</i>	100%	<i>C7orf34</i>	100%
<i>C7orf41</i>	100%	<i>C7orf42</i>	100%	<i>C7orf43</i>	99%	<i>C7orf44</i>	100%	<i>C7orf45</i>	100%
<i>C7orf46</i>	100%	<i>C7orf49</i>	100%	<i>C7orf50</i>	100%	<i>C7orf53</i>	100%	<i>C7orf55</i>	100%
<i>C7orf57</i>	100%	<i>C7orf58</i>	100%	<i>C7orf59</i>	100%	<i>C7orf60</i>	100%	<i>C7orf61</i>	100%
<i>C7orf62</i>	100%	<i>C7orf63</i>	98%	<i>C7orf65</i>	100%	<i>C7orf66</i>	100%	<i>C7orf69</i>	100%
<i>C7orf70</i>	100%	<i>C7orf71</i>	100%	<i>C7orf72</i>	100%	<i>C7orf73</i>	92%	<i>C8A</i>	100%
<i>C8B</i>	100%	<i>C8G</i>	100%	<i>C8orf22</i>	100%	<i>C8orf31</i>	100%	<i>C8orf33</i>	100%
<i>C8orf34</i>	99%	<i>C8orf37</i>	100%	<i>C8orf38</i>	100%	<i>C8orf4</i>	100%	<i>C8orf40</i>	100%
<i>C8orf42</i>	97%	<i>C8orf44</i>	97%	<i>C8orf44-SGK3</i>	100%	<i>C8orf45</i>	100%	<i>C8orf46</i>	98%
<i>C8orf47</i>	100%	<i>C8orf48</i>	100%	<i>C8orf55</i>	98%	<i>C8orf58</i>	96%	<i>C8orf59</i>	99%
<i>C8orf73</i>	89%	<i>C8orf74</i>	99%	<i>C8orf76</i>	100%	<i>C8orf80</i>	100%	<i>C8orf82</i>	85%
<i>C8orf83</i>	100%	<i>C8orf84</i>	98%	<i>C8orf85</i>	100%	<i>C8orf86</i>	100%	<i>C9</i>	100%
<i>C9orf100</i>	100%	<i>C9orf102</i>	100%	<i>C9orf103</i>	100%	<i>C9orf106</i>	100%	<i>C9orf11</i>	99%
<i>C9orf114</i>	99%	<i>C9orf116</i>	100%	<i>C9orf117</i>	100%	<i>C9orf123</i>	97%	<i>C9orf125</i>	100%
<i>C9orf128</i>	100%	<i>C9orf129</i>	86%	<i>C9orf131</i>	100%	<i>C9orf135</i>	100%	<i>C9orf139</i>	100%
<i>C9orf140</i>	68%	<i>C9orf142</i>	100%	<i>C9orf150</i>	100%	<i>C9orf152</i>	100%	<i>C9orf153</i>	100%
<i>C9orf156</i>	100%	<i>C9orf16</i>	97%	<i>C9orf163</i>	100%	<i>C9orf167</i>	96%	<i>C9orf169</i>	99%
<i>C9orf170</i>	100%	<i>C9orf171</i>	100%	<i>C9orf172</i>	74%	<i>C9orf173</i>	100%	<i>C9orf174</i>	100%
<i>C9orf21</i>	82%	<i>C9orf23</i>	100%	<i>C9orf24</i>	100%	<i>C9orf25</i>	100%	<i>C9orf3</i>	99%
<i>C9orf30</i>	100%	<i>C9orf30-TMEFF1</i>	100%	<i>C9orf37</i>	91%	<i>C9orf4</i>	75%	<i>C9orf40</i>	87%
<i>C9orf41</i>	100%	<i>C9orf43</i>	100%	<i>C9orf46</i>	100%	<i>C9orf47</i>	100%	<i>C9orf5</i>	100%
<i>C9orf50</i>	90%	<i>C9orf57</i>	100%	<i>C9orf64</i>	100%	<i>C9orf66</i>	100%	<i>C9orf68</i>	100%
<i>C9orf69</i>	100%	<i>C9orf7</i>	99%	<i>C9orf71</i>	100%	<i>C9orf72</i>	100%	<i>C9orf78</i>	100%
<i>C9orf79</i>	100%	<i>C9orf80</i>	99%	<i>C9orf82</i>	100%	<i>C9orf84</i>	100%	<i>C9orf85</i>	94%
<i>C9orf86</i>	100%	<i>C9orf89</i>	97%	<i>C9orf9</i>	99%	<i>C9orf91</i>	100%	<i>C9orf93</i>	100%
<i>C9orf95</i>	100%	<i>C9orf96</i>	100%	<i>CA1</i>	100%	<i>CA10</i>	100%	<i>CA11</i>	100%
<i>CA12</i>	100%	<i>CA13</i>	100%	<i>CA14</i>	100%	<i>CA2</i>	100%	<i>CA3</i>	100%
<i>CA4</i>	100%	<i>CA5A</i>	100%	<i>CA5B</i>	97%	<i>CA6</i>	100%	<i>CA7</i>	100%
<i>CA8</i>	100%	<i>CA9</i>	100%	<i>CAB39</i>	99%	<i>CAB39L</i>	100%	<i>CABIN1</i>	99%
<i>CABLES1</i>	92%	<i>CABLES2</i>	92%	<i>CABP1</i>	74%	<i>CABP2</i>	100%	<i>CABP4</i>	100%
<i>CABP5</i>	99%	<i>CABP7</i>	100%	<i>CABS1</i>	100%	<i>CABYR</i>	100%	<i>CACHD1</i>	100%
<i>CACNA1A</i>	100%	<i>CACNA1B</i>	98%	<i>CACNA1C</i>	100%	<i>CACNA1D</i>	100%	<i>CACNA1E</i>	100%
<i>CACNA1F</i>	100%	<i>CACNA1G</i>	100%	<i>CACNA1H</i>	99%	<i>CACNA1I</i>	99%	<i>CACNA1S</i>	100%
<i>CACNA2D1</i>	100%	<i>CACNA2D2</i>	97%	<i>CACNA2D3</i>	100%	<i>CACNA2D4</i>	100%	<i>CACNB1</i>	100%
<i>CACNB2</i>	100%	<i>CACNB3</i>	100%	<i>CACNB4</i>	100%	<i>CACNG1</i>	100%	<i>CACNG2</i>	100%
<i>CACNG3</i>	100%	<i>CACNG4</i>	100%	<i>CACNG5</i>	100%	<i>CACNG6</i>	100%	<i>CACNG7</i>	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CACNG8	80%	CACYBP	94%	CAD	100%	CADM1	100%	CADM2	100%
CADM3	100%	CADM4	95%	CADPS	99%	CADPS2	100%	CAGE1	100%
CALB1	100%	CALB2	100%	CALCA	100%	CALCB	100%	CALCOCO1	100%
CALCOCO2	100%	CALCR	100%	CALCRL	100%	CALD1	100%	CALHM1	100%
CALHM2	100%	CALHM3	100%	CALM1	100%	CALM2	95%	CALM3	100%
CALML3	100%	CALML4	100%	CALML5	100%	CALML6	100%	CALN1	100%
CALR	100%	CALR3	100%	CALU	100%	CALY	96%	CAMK1	100%
CAMK1D	100%	CAMK1G	100%	CAMK2A	100%	CAMK2B	100%	CAMK2D	100%
CAMK2G	99%	CAMK2N1	98%	CAMK2N2	100%	CAMK4	100%	CAMKK1	100%
CAMKK2	100%	CAMKMT	100%	CAMKV	100%	CAMLG	100%	CAMP	99%
CAMSAP1	100%	CAMSAP2	100%	CAMSAP3	99%	CAMTA1	100%	CAMTA2	100%
CAND1	100%	CAND2	100%	CANT1	100%	CANX	100%	CAP1	97%
CAP2	100%	CAPG	100%	CAPN1	100%	CAPN10	100%	CAPN11	100%
CAPN12	96%	CAPN13	100%	CAPN14	97%	CAPN2	100%	CAPN3	100%
CAPN5	100%	CAPN6	95%	CAPN7	100%	CAPN8	100%	CAPN9	99%
CAPNS1	84%	CAPNS2	100%	CAPRIN1	99%	CAPRIN2	100%	CAPS	100%
CAPS2	99%	CAPSL	100%	CAPZA1	99%	CAPZA2	100%	CAPZA3	100%
CAPZB	99%	CARD10	99%	CARD11	100%	CARD14	100%	CARD16	100%
CARD17	100%	CARD18	100%	CARD6	100%	CARD8	100%	CARD9	100%
CARHSP1	100%	CARKD	100%	CARM1	97%	CARNS1	95%	CARS	100%
CARS2	99%	CARTPT	100%	CASC1	100%	CASC3	98%	CASC4	95%
CASC5	100%	CASD1	99%	CASK	100%	CASKIN1	95%	CASKIN2	100%
CASP1	100%	CASP10	100%	CASP12	100%	CASP14	100%	CASP2	100%
CASP3	99%	CASP4	100%	CASP5	100%	CASP6	100%	CASP7	93%
CASP8	100%	CASP8AP2	100%	CASP9	99%	CASQ1	100%	CASQ2	100%
CASR	100%	CASS4	100%	CAST	98%	CASZ1	98%	CAT	100%
CATSPER1	100%	CATSPER2	99%	CATSPER3	100%	CATSPER4	100%	CATSPERB	100%
CATSPERG	100%	CAV1	100%	CAV2	100%	CAV3	100%	CBFA2T2	100%
CBFA2T3	99%	CBFB	100%	CBL	100%	CBLB	100%	CBLC	100%
CBLL1	100%	CBLN1	100%	CBLN2	95%	CBLN3	100%	CBLN4	100%
CBR1	100%	CBR3	100%	CBR4	100%	CBS	100%	CBWD1	14%
CBWD2	15%	CBWD3	3%	CBWD5	5%	CBWD6	15%	CBX1	97%
CBX2	100%	CBX3	95%	CBX4	100%	CBX5	99%	CBX6	100%
CBX7	100%	CBX8	100%	CBY1	100%	CBY3	100%	CC2D1A	100%
CC2D1B	100%	CC2D2A	99%	CC2D2B	100%	CCAR1	100%	CCBE1	100%
CCBL1	100%	CCBL2	100%	CCBP2	100%	CCDC101	100%	CCDC102A	95%
CCDC102B	100%	CCDC103	100%	CCDC104	100%	CCDC105	100%	CCDC106	100%
CCDC107	100%	CCDC108	100%	CCDC109B	99%	CCDC11	100%	CCDC110	100%
CCDC111	97%	CCDC112	100%	CCDC113	100%	CCDC114	100%	CCDC115	84%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CCDC116	100%	CCDC117	80%	CCDC12	99%	CCDC120	94%	CCDC121	100%
CCDC122	93%	CCDC124	90%	CCDC125	100%	CCDC126	100%	CCDC127	100%
CCDC129	100%	CCDC13	100%	CCDC130	100%	CCDC132	100%	CCDC134	100%
CCDC135	100%	CCDC136	99%	CCDC137	97%	CCDC138	100%	CCDC14	100%
CCDC140	100%	CCDC141	100%	CCDC142	100%	CCDC144A	55%	CCDC144NL	78%
CCDC146	100%	CCDC147	100%	CCDC148	97%	CCDC149	100%	CCDC15	100%
CCDC150	100%	CCDC151	100%	CCDC152	100%	CCDC153	100%	CCDC154	99%
CCDC155	99%	CCDC157	97%	CCDC158	100%	CCDC159	100%	CCDC160	100%
CCDC164	100%	CCDC165	100%	CCDC166	96%	CCDC167	100%	CCDC168	100%
CCDC169	100%	CCDC169-SOHLH2	100%	CCDC17	100%	CCDC18	100%	CCDC19	100%
CCDC22	98%	CCDC23	100%	CCDC24	100%	CCDC25	98%	CCDC27	98%
CCDC28A	100%	CCDC28B	100%	CCDC3	93%	CCDC30	100%	CCDC33	99%
CCDC34	98%	CCDC36	100%	CCDC37	100%	CCDC38	98%	CCDC39	100%
CCDC40	100%	CCDC41	100%	CCDC42	99%	CCDC42B	86%	CCDC43	100%
CCDC47	100%	CCDC48	99%	CCDC50	100%	CCDC51	100%	CCDC53	99%
CCDC54	100%	CCDC56	100%	CCDC57	99%	CCDC58	74%	CCDC59	92%
CCDC6	100%	CCDC60	100%	CCDC61	90%	CCDC62	100%	CCDC63	98%
CCDC64	98%	CCDC64B	99%	CCDC65	99%	CCDC66	100%	CCDC67	100%
CCDC68	99%	CCDC69	100%	CCDC7	99%	CCDC70	100%	CCDC71	100%
CCDC71L	87%	CCDC72	98%	CCDC73	100%	CCDC74A	94%	CCDC74B	98%
CCDC75	98%	CCDC76	99%	CCDC77	100%	CCDC78	100%	CCDC79	100%
CCDC8	100%	CCDC80	100%	CCDC81	100%	CCDC82	100%	CCDC83	100%
CCDC84	100%	CCDC85A	100%	CCDC85B	100%	CCDC85C	98%	CCDC86	100%
CCDC87	100%	CCDC88A	99%	CCDC88B	98%	CCDC88C	100%	CCDC89	100%
CCDC9	98%	CCDC90A	99%	CCDC90B	96%	CCDC91	100%	CCDC92	100%
CCDC93	100%	CCDC94	100%	CCDC96	99%	CCDC97	100%	CCDC99	100%
CCHCR1	100%	CCIN	100%	CCK	100%	CCKAR	100%	CCKBR	100%
CCL1	100%	CCL11	100%	CCL13	100%	CCL14	100%	CCL15	100%
CCL16	87%	CCL17	100%	CCL18	100%	CCL19	100%	CCL2	100%
CCL20	100%	CCL21	100%	CCL22	100%	CCL23	100%	CCL24	100%
CCL25	100%	CCL26	98%	CCL27	100%	CCL28	100%	CCL3	100%
CCL3L1	27%	CCL3L3	27%	CCL4	92%	CCL4L1	32%	CCL4L2	32%
CCL5	100%	CCL7	100%	CCL8	100%	CCM2	99%	CCNA1	100%
CCNA2	100%	CCNB1	100%	CCNB1IP1	99%	CCNB2	99%	CCNB3	100%
CCNC	100%	CCND1	100%	CCND2	100%	CCND3	93%	CCNDBP1	100%
CCNE1	99%	CCNE2	100%	CCNF	99%	CCNG1	100%	CCNG2	100%
CCNH	100%	CCNI	100%	CCNI2	100%	CCNJ	100%	CCNJL	92%
CCNK	87%	CCNL1	100%	CCNL2	100%	CCNO	100%	CCNT1	100%
CCNT2	100%	CCNY	100%	CCNYL1	94%	CCP110	100%	CCPG1	100%

* This data shows the % of coding (including +/-2bp) bases sequenced at >9X depth of coverage (DOC) for each gene. DOC was estimated from 18 representative samples; however, the specific gene coverage in a individual may vary (+/- 2% on average).

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CCR1	100%	CCR10	98%	CCR2	100%	CCR3	100%	CCR4	100%
CCR5	100%	CCR6	100%	CCR7	100%	CCR8	100%	CCR9	100%
CCRL1	100%	CCRL2	100%	CCRN4L	96%	CCS	100%	CCT2	100%
CCT3	100%	CCT4	99%	CCT5	100%	CCT6A	99%	CCT6B	100%
CCT7	99%	CCT8	96%	CCT8L2	100%	CCZ1	77%	CCZ1B	71%
CD101	100%	CD109	100%	CD14	100%	CD151	100%	CD160	100%
CD163	100%	CD163L1	100%	CD164	99%	CD164L2	99%	CD177	86%
CD180	100%	CD19	100%	CD1A	100%	CD1B	100%	CD1C	100%
CD1D	100%	CD1E	100%	CD2	100%	CD200	100%	CD200R1	99%
CD200R1L	100%	CD207	100%	CD209	100%	CD22	100%	CD226	100%
CD24	82%	CD244	100%	CD247	100%	CD248	99%	CD27	100%
CD274	100%	CD276	100%	CD28	100%	CD2AP	100%	CD2BP2	100%
CD300A	100%	CD300C	99%	CD300E	100%	CD300LB	100%	CD300LD	100%
CD300LF	100%	CD300LG	100%	CD302	100%	CD320	100%	CD33	99%
CD34	100%	CD36	100%	CD37	100%	CD38	100%	CD3D	100%
CD3E	100%	CD3EAP	100%	CD3G	100%	CD4	100%	CD40	100%
CD40LG	100%	CD44	100%	CD46	100%	CD47	99%	CD48	100%
CD5	100%	CD52	100%	CD53	100%	CD55	100%	CD58	98%
CD59	100%	CD5L	100%	CD6	99%	CD63	100%	CD68	99%
CD69	100%	CD7	100%	CD70	99%	CD72	100%	CD74	100%
CD79A	100%	CD79B	100%	CD80	100%	CD81	100%	CD82	100%
CD83	100%	CD84	100%	CD86	100%	CD8A	100%	CD8B	94%
CD9	100%	CD93	100%	CD96	100%	CD97	95%	CD99 (chrX)	91%
CD99 (chrY)	0%	CD99L2	97%	CDA	100%	CDADC1	100%	CDAN1	100%
CDC123	100%	CDC14A	100%	CDC14B	100%	CDC16	100%	CDC20	98%
CDC20B	100%	CDC23	100%	CDC25A	100%	CDC25B	99%	CDC25C	100%
CDC26	93%	CDC27	93%	CDC34	100%	CDC37	99%	CDC37L1	100%
CDC40	100%	CDC42	97%	CDC42BPA	100%	CDC42BPB	100%	CDC42BPG	98%
CDC42EP1	100%	CDC42EP2	100%	CDC42EP3	99%	CDC42EP4	100%	CDC42EP5	98%
CDC42SE1	100%	CDC42SE2	100%	CDC45	100%	CDC5L	100%	CDC6	100%
CDC7	100%	CDC73	100%	CDCA2	100%	CDCA3	100%	CDCA4	100%
CDCA5	100%	CDCA7	99%	CDCA7L	100%	CDCA8	100%	CDCP1	100%
CDCP2	100%	CDH1	100%	CDH10	100%	CDH11	100%	CDH12	88%
CDH13	100%	CDH15	99%	CDH16	100%	CDH17	100%	CDH18	100%
CDH19	100%	CDH2	100%	CDH20	100%	CDH22	98%	CDH23	100%
CDH24	92%	CDH26	100%	CDH3	100%	CDH4	99%	CDH5	100%
CDH6	100%	CDH7	100%	CDH8	100%	CDH9	100%	CDHR1	99%
CDHR2	100%	CDHR3	100%	CDHR4	100%	CDHR5	100%	CDIPT	100%
CDK1	100%	CDK10	100%	CDK11A	63%	CDK11B	66%	CDK12	100%

* This data shows the % of coding (including +/-2bp) bases sequenced at >9X depth of coverage (DOC) for each gene. DOC was estimated from 18 representative samples; however, the specific gene coverage in a individual may vary (+/- 2% on average).

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CDK13	99%	CDK14	100%	CDK15	100%	CDK16	100%	CDK17	100%
CDK18	100%	CDK19	99%	CDK2	100%	CDK20	100%	CDK2AP1	99%
CDK2AP2	97%	CDK3	100%	CDK4	100%	CDK5	100%	CDK5R1	100%
CDK5R2	99%	CDK5RAP1	100%	CDK5RAP2	100%	CDK5RAP3	100%	CDK6	100%
CDK7	97%	CDK8	100%	CDK9	100%	CDKAL1	100%	CDKL1	100%
CDKL2	99%	CDKL3	100%	CDKL4	100%	CDKL5	100%	CDKN1A	100%
CDKN1B	100%	CDKN1C	92%	CDKN2A	100%	CDKN2AIP	100%	CDKN2AIPNL	94%
CDKN2B	100%	CDKN2C	100%	CDKN2D	100%	CDKN3	100%	CDFN	100%
CDO1	100%	CDON	100%	CDR1	100%	CDR2	100%	CDR2L	100%
CDRT1	99%	CDRT15	87%	CDRT15L2	93%	CDRT4	100%	CDS1	100%
CDS2	100%	CDSN	100%	CDT1	99%	CDV3	94%	CDX1	89%
CDX2	100%	CDX4	100%	CDY1	0%	CDY1B	0%	CDY2A	0%
CDY2B	0%	CDYL	99%	CDYL2	98%	CEACAM1	100%	CEACAM16	100%
CEACAM18	99%	CEACAM19	99%	CEACAM20	100%	CEACAM21	100%	CEACAM3	100%
CEACAM4	100%	CEACAM5	100%	CEACAM6	100%	CEACAM7	100%	CEACAM8	100%
CEBPA	96%	CEBPB	98%	CEBPD	81%	CEBPE	100%	CEBPG	100%
CEBPZ	100%	CECR1	100%	CECR2	100%	CECR5	98%	CECR6	94%
CEL	87%	CELA1	100%	CELA2A	98%	CELA2B	100%	CELA3A	96%
CELA3B	95%	CELF1	100%	CELF2	100%	CELF3	100%	CELF4	100%
CELF5	100%	CELF6	96%	CELSR1	99%	CELSR2	100%	CELSR3	100%
CEMP1	100%	CEND1	96%	CENPA	92%	CENPB	100%	CENPBD1	100%
CENPC1	91%	CENPE	98%	CENPF	100%	CENPH	100%	CENPI	93%
CENPJ	100%	CENPK	99%	CENPL	88%	CENPM	100%	CENPN	100%
CENPO	100%	CENPP	100%	CENPQ	100%	CENPT	100%	CENPV	87%
CENPW	100%	CEP104	100%	CEP112	100%	CEP120	100%	CEP128	100%
CEP135	100%	CEP152	100%	CEP164	100%	CEP170	99%	CEP19	100%
CEP192	100%	CEP250	100%	CEP290	100%	CEP350	100%	CEP41	100%
CEP44	100%	CEP55	100%	CEP57	100%	CEP57L1	98%	CEP63	100%
CEP68	100%	CEP70	100%	CEP72	99%	CEP76	100%	CEP78	100%
CEP85	100%	CEP85L	100%	CEP89	100%	CEP95	100%	CEP97	100%
CEPT1	100%	CER1	100%	CERCAM	100%	CERK	99%	CERKL	100%
CERS1	80%	CERS2	100%	CERS3	100%	CERS4	99%	CERS5	100%
CERS6	100%	CES1	77%	CES2	100%	CES3	100%	CES4A	100%
CESSA	96%	CETN1	100%	CETN2	100%	CETN3	100%	CETP	100%
CFB	100%	CFC1	14%	CFC1B	14%	CFD	100%	CFDP1	100%
CFH	100%	CFHR1	93%	CFHR2	93%	CFHR3	95%	CFHR4	100%
CFHR5	100%	CFI	100%	CFL1	95%	CFL2	100%	CFLAR	100%
CFP	100%	CFTR	100%	CGA	100%	CGB	18%	CGB1	47%
CGB2	28%	CGB5	10%	CGB7	31%	CGB8	8%	CGGBP1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CGN	99%	CGNL1	100%	CGREF1	100%	CGRRF1	100%	CH25H	100%
CHAC1	100%	CHAC2	100%	CHAD	100%	CHADL	92%	CHAF1A	98%
CHAF1B	100%	CHAMP1	100%	CHAT	97%	CHCHD1	100%	CHCHD10	68%
CHCHD2	97%	CHCHD3	84%	CHCHD4	100%	CHCHD5	100%	CHCHD6	98%
CHCHD7	100%	CHCHD8	100%	CHD1	99%	CHD1L	100%	CHD2	100%
CHD3	99%	CHD4	100%	CHD5	99%	CHD6	100%	CHD7	100%
CHD8	100%	CHD9	100%	CHDH	100%	CHEK1	98%	CHEK2	100%
CHERP	99%	CHFR	100%	CHGA	99%	CHGB	100%	CHI3L1	100%
CHI3L2	100%	CHIA	96%	CHIC1	99%	CHIC2	100%	CHID1	97%
CHIT1	100%	CHKA	98%	CHKB	100%	CHL1	100%	CHM	99%
CHML	100%	CHMP1A	100%	CHMP1B	100%	CHMP2A	100%	CHMP2B	100%
CHMP3	100%	CHMP4A	100%	CHMP4B	100%	CHMP4C	98%	CHMP5	97%
CHMP6	100%	CHMP7	100%	CHN1	100%	CHN2	100%	CHODL	100%
CHORDC1	94%	CHP	98%	CHP2	100%	CHPF	100%	CHPF2	100%
CHPT1	96%	CHRA1	100%	CHRD	99%	CHRD1	100%	CHRD2	100%
CHRFAM7A	46%	CHRM1	100%	CHRM2	100%	CHRM3	100%	CHRM4	100%
CHRM5	100%	CHRNA1	100%	CHRNA10	100%	CHRNA2	100%	CHRNA3	100%
CHRNA4	99%	CHRNA5	99%	CHRNA6	100%	CHRNA7	78%	CHRNA9	100%
CHRNA1	100%	CHRNA2	100%	CHRNA3	100%	CHRNA4	100%	CHRNA5	100%
CHRNA6	100%	CHRNA7	100%	CHRNA8	100%	CHRNA9	100%	CHRNA10	100%
CHRNA11	100%	CHRNA12	100%	CHRNA13	100%	CHRNA14	100%	CHRNA15	100%
CHRNA16	100%	CHRNA17	100%	CHRNA18	100%	CHRNA19	100%	CHRNA20	100%
CHRNA21	100%	CHRNA22	100%	CHRNA23	100%	CHRNA24	100%	CHRNA25	100%
CHRNA26	100%	CHRNA27	100%	CHRNA28	100%	CHRNA29	100%	CHRNA30	100%
CHRNA31	100%	CHRNA32	100%	CHRNA33	100%	CHRNA34	100%	CHRNA35	100%
CHRNA36	100%	CHRNA37	100%	CHRNA38	100%	CHRNA39	100%	CHRNA40	100%
CHRNA41	100%	CHRNA42	100%	CHRNA43	100%	CHRNA44	100%	CHRNA45	100%
CHRNA46	100%	CHRNA47	100%	CHRNA48	100%	CHRNA49	100%	CHRNA50	100%
CHRNA51	100%	CHRNA52	100%	CHRNA53	100%	CHRNA54	100%	CHRNA55	100%
CHRNA56	100%	CHRNA57	100%	CHRNA58	100%	CHRNA59	100%	CHRNA60	100%
CHRNA61	100%	CHRNA62	100%	CHRNA63	100%	CHRNA64	100%	CHRNA65	100%
CHRNA66	100%	CHRNA67	100%	CHRNA68	100%	CHRNA69	100%	CHRNA70	100%
CHRNA71	100%	CHRNA72	100%	CHRNA73	100%	CHRNA74	100%	CHRNA75	100%
CHRNA76	100%	CHRNA77	100%	CHRNA78	100%	CHRNA79	100%	CHRNA80	100%
CHRNA81	100%	CHRNA82	100%	CHRNA83	100%	CHRNA84	100%	CHRNA85	100%
CHRNA86	100%	CHRNA87	100%	CHRNA88	100%	CHRNA89	100%	CHRNA90	100%
CHRNA91	100%	CHRNA92	100%	CHRNA93	100%	CHRNA94	100%	CHRNA95	100%
CHRNA96	100%	CHRNA97	100%	CHRNA98	100%	CHRNA99	100%	CHRNA100	100%
CHRNA101	100%	CHRNA102	100%	CHRNA103	100%	CHRNA104	100%	CHRNA105	100%
CHRNA106	100%	CHRNA107	100%	CHRNA108	100%	CHRNA109	100%	CHRNA110	100%
CHRNA111	100%	CHRNA112	100%	CHRNA113	100%	CHRNA114	100%	CHRNA115	100%
CHRNA116	100%	CHRNA117	100%	CHRNA118	100%	CHRNA119	100%	CHRNA120	100%
CHRNA121	100%	CHRNA122	100%	CHRNA123	100%	CHRNA124	100%	CHRNA125	100%
CHRNA126	100%	CHRNA127	100%	CHRNA128	100%	CHRNA129	100%	CHRNA130	100%
CHRNA131	100%	CHRNA132	100%	CHRNA133	100%	CHRNA134	100%	CHRNA135	100%
CHRNA136	100%	CHRNA137	100%	CHRNA138	100%	CHRNA139	100%	CHRNA140	100%
CHRNA141	100%	CHRNA142	100%	CHRNA143	100%	CHRNA144	100%	CHRNA145	100%
CHRNA146	100%	CHRNA147	100%	CHRNA148	100%	CHRNA149	100%	CHRNA150	100%
CHRNA151	100%	CHRNA152	100%	CHRNA153	100%	CHRNA154	100%	CHRNA155	100%
CHRNA156	100%	CHRNA157	100%	CHRNA158	100%	CHRNA159	100%	CHRNA160	100%
CHRNA161	100%	CHRNA162	100%	CHRNA163	100%	CHRNA164	100%	CHRNA165	100%
CHRNA166	100%	CHRNA167	100%	CHRNA168	100%	CHRNA169	100%	CHRNA170	100%
CHRNA171	100%	CHRNA172	100%	CHRNA173	100%	CHRNA174	100%	CHRNA175	100%
CHRNA176	100%	CHRNA177	100%	CHRNA178	100%	CHRNA179	100%	CHRNA180	100%
CHRNA181	100%	CHRNA182	100%	CHRNA183	100%	CHRNA184	100%	CHRNA185	100%
CHRNA186	100%	CHRNA187	100%	CHRNA188	100%	CHRNA189	100%	CHRNA190	100%
CHRNA191	100%	CHRNA192	100%	CHRNA193	100%	CHRNA194	100%	CHRNA195	100%
CHRNA196	100%	CHRNA197	100%	CHRNA198	100%	CHRNA199	100%	CHRNA200	100%
CHRNA201	100%	CHRNA202	100%	CHRNA203	100%	CHRNA204	100%	CHRNA205	100%
CHRNA206	100%	CHRNA207	100%	CHRNA208	100%	CHRNA209	100%	CHRNA210	100%
CHRNA211	100%	CHRNA212	100%	CHRNA213	100%	CHRNA214	100%	CHRNA215	100%
CHRNA216	100%	CHRNA217	100%	CHRNA218	100%	CHRNA219	100%	CHRNA220	100%
CHRNA221	100%	CHRNA222	100%	CHRNA223	100%	CHRNA224	100%	CHRNA225	100%
CHRNA226	100%	CHRNA227	100%	CHRNA228	100%	CHRNA229	100%	CHRNA230	100%
CHRNA231	100%	CHRNA232	100%	CHRNA233	100%	CHRNA234	100%	CHRNA235	100%
CHRNA236	100%	CHRNA237	100%	CHRNA238	100%	CHRNA239	100%	CHRNA240	100%
CHRNA241	100%	CHRNA242	100%	CHRNA243	100%	CHRNA244	100%	CHRNA245	100%
CHRNA246	100%	CHRNA247	100%	CHRNA248	100%	CHRNA249	100%	CHRNA250	100%
CHRNA251	100%	CHRNA252	100%	CHRNA253	100%	CHRNA254	100%	CHRNA255	100%
CHRNA256	100%	CHRNA257	100%	CHRNA258	100%	CHRNA259	100%	CHRNA260	100%
CHRNA261	100%	CHRNA262	100%	CHRNA263	100%	CHRNA264	100%	CHRNA265	100%
CHRNA266	100%	CHRNA267	100%	CHRNA268	100%	CHRNA269	100%	CHRNA270	100%
CHRNA271	100%	CHRNA272	100%	CHRNA273	100%	CHRNA274	100%	CHRNA275	100%
CHRNA276	100%	CHRNA277	100%	CHRNA278	100%	CHRNA279	100%	CHRNA280	100%
CHRNA281	100%	CHRNA282	100%	CHRNA283	100%	CHRNA284	100%	CHRNA285	100%
CHRNA286	100%	CHRNA287	100%	CHRNA288	100%	CHRNA289	100%	CHRNA290	100%
CHRNA291	100%	CHRNA292	100%	CHRNA293	100%	CHRNA294	100%	CHRNA295	100%
CHRNA296	100%	CHRNA297	100%	CHRNA298	100%	CHRNA299	100%	CHRNA300	100%
CHRNA301	100%	CHRNA302	100%	CHRNA303	100%	CHRNA304	100%	CHRNA305	100%
CHRNA306	100%	CHRNA307	100%	CHRNA308	100%	CHRNA309	100%	CHRNA310	100%
CHRNA311	100%	CHRNA312	100%	CHRNA313	100%	CHRNA314	100%	CHRNA315	100%
CHRNA316	100%	CHRNA317	100%	CHRNA318	100%	CHRNA319	100%	CHRNA320	100%
CHRNA321	100%	CHRNA322	100%	CHRNA323	100%	CHRNA324	100%	CHRNA325	100%
CHRNA326	100%	CHRNA327	100%	CHRNA328	100%	CHRNA329	100%	CHRNA330	100%
CHRNA331	100%	CHRNA332	100%	CHRNA333	100%	CHRNA334	100%	CHRNA335	100%
CHRNA336	100%	CHRNA337	100%	CHRNA338	100%	CHRNA339	100%	CHRNA340	100%
CHRNA341	100%	CHRNA342	100%	CHRNA343	100%	CHRNA344	100%	CHRNA345	100%
CHRNA346	100%	CHRNA347	100%	CHRNA348	100%	CHRNA349	100%	CHRNA350	100%
CHRNA351	100%	CHRNA352	100%	CHRNA353	100%	CHRNA354	100%	CHRNA355	100%
CHRNA356	100%	CHRNA357	100%	CHRNA358	100%	CHRNA359	100%	CHRNA360	100%
CHRNA361	100%	CHRNA362	100%	CHRNA363	100%	CHRNA364	100%	CHRNA365	100%
CHRNA366	100%	CHRNA367	100%	CHRNA368	100%	CHRNA369	100%	CHRNA370	100%
CHRNA371	100%	CHRNA372	100%	CHRNA373	100%	CHRNA374	100%	CHRNA375	100%
CHRNA376	100%	CHRNA377	100%	CHRNA378	100%	CHRNA379	100%	CHRNA380	100%
CHRNA381	100%	CHRNA382	100%	CHRNA383	100%	CHRNA384	100%	CHRNA385	100%
CHRNA386	100%	CHRNA387	100%	CHRNA388	100%	CHRNA389	100%	CHRNA390	100%
CHRNA391	100%	CHRNA392	100%	CHRNA393	100%	CHRNA394	100%	CHRNA395	100%
CHRNA396	100%	CHRNA397	100%	CHRNA398	100%	CHRNA399	100%	CHRNA400	100%
CHRNA401	100%	CHRNA402	100%	CHRNA403	100%	CHRNA404	100%	CHRNA405	100%
CHRNA406	100%	CHRNA407	100%	CHRNA408	100%	CHRNA409	100%	CHRNA410	100%
CHRNA411	100%	CHRNA412	100%	CHRNA413	100%	CHRNA414	100%	CHRNA415	100%
CHRNA416	100%	CHRNA417	100%	CHRNA418	100%	CHRNA419	100%	CHRNA420	100%
CHRNA421	100%	CHRNA422	100%	CHRNA423	100%	CHRNA424	100%	CHRNA425	100%
CHRNA426	100%	CHRNA427	100%	CHRNA428	100%	CHRNA429	100%	CHRNA430	100%
CHRNA431	100%	CHRNA432	100%	CHRNA433	100%	CHRNA434	100%	CHRNA435	100%
CHRNA436	100%	CHRNA437	100%	CHRNA438	100%	CHRNA439	100%	CHRNA440	100%
CHRNA441	100%	CHRNA442	100%	CHRNA443	100%	CHRNA444	100%	CHRNA445	100%
CHRNA446	100%	CHRNA447	100%	CHRNA448 </					

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CLDN5	100%	CLDN6	100%	CLDN7	100%	CLDN8	100%	CLDN9	100%
CLDND1	100%	CLDND2	100%	CLEC10A	100%	CLEC11A	97%	CLEC12A	99%
CLEC12B	100%	CLEC14A	100%	CLEC16A	100%	CLEC17A	99%	CLEC18A	23%
CLEC18B	26%	CLEC18C	24%	CLEC1A	100%	CLEC1B	97%	CLEC2A	100%
CLEC2B	100%	CLEC2D	100%	CLEC2L	81%	CLEC3A	100%	CLEC3B	100%
CLEC4A	100%	CLEC4C	100%	CLEC4D	100%	CLEC4E	100%	CLEC4F	99%
CLEC4G	88%	CLEC4M	99%	CLEC5A	100%	CLEC6A	100%	CLEC7A	100%
CLEC9A	100%	CLECL1	100%	CLGN	100%	CLIC1	99%	CLIC2	100%
CLIC3	96%	CLIC4	98%	CLIC5	100%	CLIC6	93%	CLINT1	100%
CLIP1	100%	CLIP2	100%	CLIP3	100%	CLIP4	100%	CLK1	99%
CLK2	100%	CLK3	97%	CLK4	100%	CLLU1	100%	CLLU1OS	100%
CLMN	99%	CLMP	100%	CLN3	100%	CLN5	100%	CLN6	99%
CLN8	100%	CLNK	100%	CLNS1A	98%	CLOCK	100%	CLP1	100%
CLPB	100%	CLPP	98%	CLPS	100%	CLPTM1	100%	CLPTM1L	100%
CLPX	100%	CLRN1	100%	CLRN2	98%	CLRN3	100%	CLSPN	100%
CLSTN1	100%	CLSTN2	99%	CLSTN3	100%	CLTA	100%	CLTB	100%
CLTC	100%	CLTCL1	100%	CLU	100%	CLUAP1	100%	CLUL1	100%
CLVS1	100%	CLVS2	100%	CLYBL	100%	CMA1	100%	CMAS	100%
CMBL	100%	CMC1	97%	CMIP	100%	CMKLR1	100%	CMPK1	100%
CMPK2	94%	CMTM1	100%	CMTM2	99%	CMTM3	99%	CMTM4	91%
CMTM5	100%	CMTM6	100%	CMTM7	99%	CMTM8	100%	CMYA5	100%
CNBD1	100%	CNBP	100%	CNDP1	100%	CNDP2	100%	CNFN	88%
CNGA1	93%	CNGA2	98%	CNGA3	100%	CNGA4	99%	CNGB1	100%
CNGB3	100%	CNIH	100%	CNIH2	92%	CNIH3	100%	CNIH4	99%
CNKSRI	100%	CNKSRI	100%	CNKSRI	100%	CNN1	100%	CNN2	90%
CNN3	100%	CNNM1	100%	CNNM2	100%	CNNM3	83%	CNNM4	100%
CNO	93%	CNOT1	100%	CNOT10	100%	CNOT2	100%	CNOT3	100%
CNOT4	100%	CNOT6	100%	CNOT6L	95%	CNOT7	99%	CNOT8	100%
CNP	100%	CNPPD1	100%	CNPY1	100%	CNPY2	100%	CNPY3	100%
CNPY4	100%	CNR1	100%	CNR2	100%	CNRIP1	92%	CNST	100%
CNTD1	100%	CNTD2	100%	CNTF	100%	CNTFR	100%	CNTLN	100%
CNTN1	100%	CNTN2	100%	CNTN3	100%	CNTN4	100%	CNTN5	100%
CNTN6	100%	CNTNAP1	99%	CNTNAP2	100%	CNTNAP3	30%	CNTNAP4	100%
CNTNAP5	100%	CNTRL	100%	CNTROB	100%	COA5	100%	COASY	100%
COBL	95%	COBLL1	100%	COBRA1	100%	COCH	100%	COG1	100%
COG2	100%	COG3	100%	COG4	100%	COG5	100%	COG6	100%
COG7	100%	COG8	100%	COIL	100%	COL10A1	100%	COL11A1	100%
COL11A2	100%	COL12A1	100%	COL13A1	100%	COL14A1	100%	COL15A1	100%
COL16A1	100%	COL17A1	99%	COL18A1	99%	COL19A1	99%	COL1A1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
COL1A2	100%	COL20A1	99%	COL21A1	99%	COL22A1	99%	COL23A1	97%
COL24A1	99%	COL25A1	100%	COL27A1	99%	COL28A1	100%	COL2A1	100%
COL3A1	100%	COL4A1	100%	COL4A2	100%	COL4A3	99%	COL4A3BP	100%
COL4A4	100%	COL4A5	100%	COL4A6	100%	COL5A1	100%	COL5A2	100%
COL5A3	99%	COL6A1	100%	COL6A2	100%	COL6A3	100%	COL6A5	100%
COL6A6	100%	COL7A1	100%	COL8A1	100%	COL8A2	99%	COL9A1	100%
COL9A2	100%	COL9A3	99%	COLEC10	100%	COLEC11	100%	COLEC12	98%
COLQ	100%	COMMD1	100%	COMMD10	100%	COMMD2	100%	COMMD3	100%
COMMD3-BMI1	100%	COMMD4	75%	COMMD5	99%	COMMD6	100%	COMMD7	96%
COMMD8	100%	COMMD9	100%	COMP	98%	COMT	100%	COMTD1	90%
COPA	100%	COPB1	100%	COPB2	100%	COPE	100%	COPG	99%
COPG2	100%	COPS2	95%	COPS3	99%	COPS4	100%	COPSS5	100%
COPS6	100%	COPS7A	100%	COPS7B	100%	COPS8	96%	COPZ1	100%
COPZ2	91%	COQ10A	97%	COQ10B	97%	COQ2	100%	COQ3	100%
COQ4	100%	COQ5	100%	COQ6	100%	COQ7	100%	COQ9	100%
CORIN	100%	CORO1A	92%	CORO1B	99%	CORO1C	100%	CORO2A	100%
CORO2B	100%	CORO6	100%	CORO7	100%	CORO7-PAM16	100%	CORT	98%
COTL1	100%	COX10	100%	COX11	93%	COX15	100%	COX16	100%
COX17	61%	COX18	99%	COX19	100%	COX4I1	100%	COX4I2	100%
COX4NB	100%	COX5A	83%	COX5B	100%	COX6A1	100%	COX6A2	100%
COX6B1	100%	COX6B2	99%	COX6C	100%	COX7A1	100%	COX7A2	100%
COX7A2L	100%	COX7B	100%	COX7B2	100%	COX7C	98%	COX8A	100%
COX8C	100%	CP	96%	CPA1	100%	CPA2	100%	CPA3	100%
CPA4	100%	CPA5	100%	CPA6	100%	CPAMD8	95%	CPB1	100%
CPB2	100%	CPD	100%	CPE	100%	CPEB1	93%	CPEB2	97%
CPEB3	100%	CPEB4	100%	CPLX1	100%	CPLX2	100%	CPLX3	100%
CPLX4	100%	CPM	100%	CPN1	100%	CPN2	100%	CPNE1	100%
CPNE2	100%	CPNE3	100%	CPNE4	99%	CPNE5	100%	CPNE6	98%
CPNE7	98%	CPNE8	99%	CPNE9	100%	CPO	100%	CPOX	100%
CPPED1	100%	CPS1	100%	CPSF1	98%	CPSF2	100%	CPSF3	100%
CPSF3L	100%	CPSF4	100%	CPSF4L	100%	CPSF6	99%	CPSF7	100%
CPT1A	100%	CPT1B	100%	CPT1C	100%	CPT2	100%	CPVL	100%
CPXCR1	100%	CPXM1	98%	CPXM2	100%	CPZ	100%	CR1	54%
CR1L	85%	CR2	100%	CRABP1	100%	CRABP2	100%	CRADD	100%
CRAMP1L	100%	CRAT	100%	CRB1	100%	CRB2	99%	CRB3	99%
CRBN	100%	CRCP	96%	CRCT1	99%	CREB1	100%	CREB3	100%
CREB3L1	99%	CREB3L2	99%	CREB3L3	100%	CREB3L4	100%	CREB5	100%
CREBBP	100%	CREBL2	100%	CREBZF	97%	CREG1	93%	CREG2	96%
CRELD1	100%	CRELD2	99%	CREM	100%	CRH	100%	CRHBP	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CRHR1	100%	CRHR2	100%	CRIM1	100%	CRIP1	82%	CRIP2	88%
CRIP3	100%	CRIPAK	99%	CRIP1	100%	CRISP1	100%	CRISP2	100%
CRISP3	100%	CRISPLD1	97%	CRISPLD2	100%	CRK	100%	CRKL	100%
CRLF1	95%	CRLF2 (chrX)	100%	CRLF2 (chrY)	0%	CRLF3	95%	CRLS1	92%
CRMP1	98%	CRNKL1	100%	CRNN	100%	CROCC	82%	CROT	100%
CRP	100%	CRTAC1	100%	CRTAM	100%	CRTAP	100%	CRTC1	98%
CRTC2	98%	CRTC3	100%	CRX	100%	CRY1	99%	CRY2	100%
CRYAA	100%	CRYAB	100%	CRYBA1	100%	CRYBA2	100%	CRYBA4	100%
CRYBB1	100%	CRYBB2	100%	CRYBB3	100%	CRYGA	100%	CRYGB	100%
CRYGC	100%	CRYGD	100%	CRYGN	100%	CRYGS	100%	CRYL1	100%
CRYM	100%	CRYZ	100%	CRYZL1	98%	CS	95%	CSAD	99%
CSAG1	100%	CSAG2	0%	CSAG3	0%	CSDA	98%	CSDC2	100%
CSDE1	100%	CSE1L	100%	CSF1	100%	CSF1R	100%	CSF2	100%
CSF2RA (chrX)	93%	CSF2RA (chrY)	0%	CSF2RB	100%	CSF3	99%	CSF3R	100%
CSGALNACT1	100%	CSGALNACT2	100%	CSH1	72%	CSH2	84%	CSHL1	100%
CSK	99%	CSMD1	100%	CSMD2	100%	CSMD3	100%	CSN1S1	100%
CSN2	96%	CSN3	100%	CSNK1A1	100%	CSNK1A1L	100%	CSNK1D	100%
CSNK1E	100%	CSNK1G1	100%	CSNK1G2	100%	CSNK1G3	100%	CSNK2A1	100%
CSNK2A2	100%	CSNK2B	100%	CSPG4	92%	CSPG5	99%	CSPP1	100%
CSRNP1	100%	CSRNP2	100%	CSRNP3	100%	CSRP1	100%	CSRP2	96%
CSRP2BP	100%	CSRP3	100%	CST1	100%	CST11	100%	CST2	100%
CST3	100%	CST4	100%	CST5	100%	CST6	99%	CST7	100%
CST8	100%	CST9	100%	CST9L	100%	CSTA	100%	CSTB	100%
CSTF1	100%	CSTF2	99%	CSTF2T	100%	CSTF3	100%	CSTL1	100%
CT45A1	0%	CT45A2	0%	CT45A3	0%	CT45A4	0%	CT45A5	35%
CT45A6	0%	CT47A1	0%	CT47A10	0%	CT47A11	0%	CT47A12	0%
CT47A2	0%	CT47A3	0%	CT47A4	0%	CT47A5	0%	CT47A6	0%
CT47A7	0%	CT47A8	0%	CT47A9	0%	CT47B1	75%	CT62	100%
CTAG1A	0%	CTAG1B	0%	CTAG2	70%	CTAGE1	100%	CTAGE15P	10%
CTAGE4	14%	CTAGE5	96%	CTAGE6P	16%	CTAGE9	65%	CTBP1	97%
CTBP2	98%	CTBS	98%	CTC1	100%	CTCF	100%	CTCFL	100%
CTDNEP1	94%	CTDP1	95%	CTDSP1	100%	CTDSP2	100%	CTDSPL	95%
CTDSPL2	98%	CTF1	49%	CTGF	99%	CTH	100%	CTHRC1	100%
CTIF	100%	CTLA4	100%	CTNNA1	100%	CTNNA2	100%	CTNNA3	100%
CTNNAL1	100%	CTNNB1	100%	CTNNBIP1	100%	CTNNBL1	100%	CTNND1	100%
CTNND2	98%	CTNS	100%	CTPS	100%	CTPS2	99%	CTR9	100%
CTRB1	49%	CTRB2	45%	CTRC	100%	CTRL	100%	CTSA	100%
CTSB	100%	CTSC	100%	CTSD	100%	CTSE	100%	CTSF	94%
CTSG	100%	CTSH	100%	CTSK	100%	CTSL1	100%	CTSL2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
CTSO	100%	CTSS	100%	CTSW	100%	CTSZ	93%	CTTN	100%
CTTNBP2	100%	CTTNBP2NL	100%	CTU1	91%	CTU2	100%	CTXN1	100%
CTXN2	100%	CTXN3	100%	CUBN	100%	CUEDC1	99%	CUEDC2	100%
CUL1	100%	CUL2	98%	CUL3	100%	CUL4A	98%	CUL4B	100%
CUL5	100%	CUL7	100%	CUL9	100%	CUTA	100%	CUTC	100%
CUX1	96%	CUX2	100%	CUZD1	100%	CWC15	100%	CWC22	100%
CWC25	100%	CWC27	100%	CWF19L1	100%	CWF19L2	98%	CWH43	100%
CX3CL1	100%	CX3CR1	100%	CXADR	92%	CXCL1	100%	CXCL10	100%
CXCL11	100%	CXCL12	100%	CXCL13	100%	CXCL14	99%	CXCL16	100%
CXCL17	99%	CXCL2	100%	CXCL3	98%	CXCL5	100%	CXCL6	100%
CXCL9	100%	CXCR1	100%	CXCR2	100%	CXCR3	100%	CXCR4	100%
CXCR5	100%	CXCR6	100%	CXCR7	100%	CXorf1	98%	CXorf21	100%
CXorf22	98%	CXorf23	99%	CXorf26	100%	CXorf27	100%	CXorf30	98%
CXorf36	97%	CXorf38	99%	CXorf40A	98%	CXorf40B	100%	CXorf41	99%
CXorf48	54%	CXorf49	0%	CXorf49B	0%	CXorf51A	0%	CXorf51B	0%
CXorf56	99%	CXorf57	99%	CXorf58	98%	CXorf59	97%	CXorf61	100%
CXorf64	100%	CXorf65	98%	CXorf66	98%	CXorf68	99%	CXorf69	100%
CXXC1	100%	CXXC11	100%	CXXC4	100%	CXXC5	100%	CYB561	100%
CYB561D1	100%	CYB561D2	100%	CYB5A	100%	CYB5B	100%	CYB5D1	100%
CYB5D2	99%	CYB5R1	100%	CYB5R2	100%	CYB5R3	99%	CYB5R4	100%
CYB5RL	100%	CYBA	98%	CYBASC3	100%	CYBB	100%	CYBRD1	100%
CYC1	99%	CYCS	100%	CYFIP1	100%	CYFIP2	100%	CYGB	100%
CYHR1	100%	CYLC1	100%	CYLC2	100%	CYLD	100%	CYP11A1	100%
CYP11B1	100%	CYP11B2	100%	CYP17A1	100%	CYP19A1	100%	CYP1A1	100%
CYP1A2	100%	CYP1B1	100%	CYP20A1	99%	CYP21A2	90%	CYP24A1	100%
CYP26A1	100%	CYP26B1	100%	CYP26C1	99%	CYP27A1	100%	CYP27B1	100%
CYP27C1	100%	CYP2A13	99%	CYP2A6	99%	CYP2A7	98%	CYP2B6	100%
CYP2C18	100%	CYP2C19	100%	CYP2C8	100%	CYP2C9	100%	CYP2D6	99%
CYP2E1	100%	CYP2F1	100%	CYP2J2	100%	CYP2R1	100%	CYP2S1	99%
CYP2U1	97%	CYP2W1	96%	CYP39A1	100%	CYP3A4	100%	CYP3A43	100%
CYP3A5	100%	CYP3A7	100%	CYP46A1	97%	CYP4A11	100%	CYP4A22	100%
CYP4B1	100%	CYP4F11	100%	CYP4F12	100%	CYP4F2	100%	CYP4F22	100%
CYP4F3	100%	CYP4F8	100%	CYP4V2	100%	CYP4X1	100%	CYP4Z1	97%
CYP51A1	86%	CYP7A1	100%	CYP7B1	100%	CYP8B1	100%	CYR61	100%
CYS1	53%	CYSLTR1	100%	CYSLTR2	100%	CYTH1	100%	CYTH2	100%
CYTH3	99%	CYTH4	100%	CYTIP	100%	CYTL1	99%	CYYR1	100%
D2HGDH	100%	D4S234E	100%	DAAM1	100%	DAAM2	100%	DAB1	100%
DAB2	100%	DAB2IP	100%	DACH1	100%	DACH2	99%	DACT1	98%
DACT2	90%	DACT3	79%	DAD1	100%	DAG1	100%	DAGLA	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
DAGLB	100%	DAK	100%	DALRD3	100%	DAND5	100%	DAO	100%
DAOA	100%	DAP	97%	DAP3	100%	DAPK1	100%	DAPK2	100%
DAPK3	100%	DAPL1	100%	DAPP1	100%	DARC	100%	DARS	100%
DARS2	100%	DAXX	99%	DAZ1	0%	DAZ2	2%	DAZ3	2%
DAZ4	1%	DAZAP1	100%	DAZAP2	100%	DAZL	97%	DBC1	100%
DBF4	97%	DBF4B	100%	DBH	100%	DBI	100%	DBN1	100%
DBNDD1	97%	DBNDD2	100%	DBNL	96%	DBP	94%	DBR1	100%
DBT	100%	DBX1	98%	DBX2	100%	DCAF10	97%	DCAF11	100%
DCAF12	100%	DCAF12L1	99%	DCAF12L2	99%	DCAF13	96%	DCAF15	100%
DCAF16	100%	DCAF17	100%	DCAF4	100%	DCAF4L1	100%	DCAF4L2	100%
DCAF5	99%	DCAF6	96%	DCAF7	100%	DCAF8	100%	DCAF8L1	100%
DCAF8L2	100%	CAKD	100%	DCBLD1	97%	DCBLD2	100%	DCC	100%
DCD	100%	DCDC1	100%	DCDC2	100%	DCDC2B	100%	DCDC5	100%
DCHS1	100%	DCHS2	100%	DCK	100%	DCLK1	100%	DCLK2	97%
DCLK3	100%	DCLRE1A	100%	DCLRE1B	100%	DCLRE1C	100%	DCN	100%
DCP1A	100%	DCP1B	100%	DCP2	100%	DCPS	100%	DCST1	100%
DCST2	100%	DCT	100%	DCTD	97%	DCTN1	100%	DCTN2	100%
DCTN3	100%	DCTN4	96%	DCTN5	97%	DCTN6	100%	DCTPP1	100%
DCUN1D1	97%	DCUN1D2	99%	DCUN1D3	100%	DCUN1D4	100%	DCUN1D5	100%
DCX	100%	DCXR	99%	DDA1	100%	DDAH1	99%	DDAH2	100%
DDB1	100%	DDB2	100%	DDC	100%	DDHD1	99%	DDHD2	100%
DDI1	100%	DDI2	100%	DDIT3	100%	DDIT4	100%	DDIT4L	100%
DDN	100%	DDO	100%	DDOST	100%	DDR1	100%	DDR2	100%
DDRGK1	100%	DDT	21%	DDTL	30%	DDX1	100%	DDX10	98%
DDX11	85%	DDX17	100%	DDX18	97%	DDX19A	97%	DDX19B	97%
DDX20	98%	DDX21	100%	DDX23	100%	DDX24	100%	DDX25	100%
DDX26B	99%	DDX27	99%	DDX28	100%	DDX31	100%	DDX39A	100%
DDX39B	96%	DDX3X	100%	DDX3Y	61%	DDX4	100%	DDX41	100%
DDX42	100%	DDX43	100%	DDX46	100%	DDX47	100%	DDX49	100%
DDX5	100%	DDX50	95%	DDX51	97%	DDX52	100%	DDX53	98%
DDX54	100%	DDX55	100%	DDX56	100%	DDX58	100%	DDX59	100%
DDX6	97%	DDX60	100%	DDX60L	99%	DEAF1	94%	DEC1	100%
DECR1	99%	DECR2	99%	DEDD	100%	DEDD2	100%	DEF6	99%
DEF8	99%	DEFA1	0%	DEFA1B	0%	DEFA3	0%	DEFA4	100%
DEFA5	100%	DEFA6	100%	DEFB1	100%	DEFB103A	0%	DEFB103B	0%
DEFB104A	54%	DEFB104B	54%	DEFB105A	10%	DEFB105B	10%	DEFB106A	80%
DEFB106B	80%	DEFB107A	16%	DEFB107B	16%	DEFB108B	0%	DEFB110	100%
DEFB112	100%	DEFB113	100%	DEFB114	100%	DEFB115	100%	DEFB116	100%
DEFB118	100%	DEFB119	100%	DEFB121	100%	DEFB123	100%	DEFB124	99%

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DEFB125	100%	DEFB126	100%	DEFB127	100%	DEFB128	100%	DEFB129	100%
DEFB130	0%	DEFB131	0%	DEFB132	99%	DEFB133	100%	DEFB134	100%
DEFB135	98%	DEFB136	100%	DEFB4A	31%	DEGS1	100%	DEGS2	100%
DEK	100%	DEM1	100%	DENND1A	100%	DENND1B	100%	DENND1C	100%
DENND2A	100%	DENND2C	100%	DENND2D	100%	DENND3	100%	DENND4A	99%
DENND4B	99%	DENND4C	100%	DENND5A	100%	DENND5B	99%	DENR	95%
DEPDC1	88%	DEPDC1B	100%	DEPDC4	100%	DEPDC5	100%	DEPDC7	100%
DEPTOR	100%	DERA	100%	DERL1	100%	DERL2	100%	DERL3	100%
DES	100%	DET1	100%	DEXI	69%	DFFA	100%	DFFB	99%
DFNA5	100%	DFNB31	100%	DFNB59	100%	DGAT1	94%	DGAT2	98%
DGAT2L6	99%	DGCR14	100%	DGCR2	100%	DGCR6	97%	DGCR6L	97%
DGCR8	100%	DGKA	100%	DGKB	100%	DGKD	100%	DGKE	100%
DGKG	100%	DGKH	99%	DGKI	98%	DGKK	98%	DGKQ	94%
DGKZ	91%	DGUOK	100%	DHCR24	100%	DHCR7	100%	DHDDS	100%
DHDH	100%	DHFR	95%	DHFRL1	100%	DHH	100%	DHODH	100%
DHPS	100%	DHRS1	100%	DHRS11	100%	DHRS12	100%	DHRS13	97%
DHRS2	100%	DHRS3	100%	DHRS4	100%	DHRS4L1	100%	DHRS4L2	93%
DHRS7	100%	DHRS7B	99%	DHRS7C	100%	DHRS9	100%	DHRX (chrX)	89%
DHRX (chrY)	0%	DHTKD1	100%	DHX15	100%	DHX16	100%	DHX29	97%
DHX30	100%	DHX32	100%	DHX33	100%	DHX34	100%	DHX35	100%
DHX36	100%	DHX37	100%	DHX38	100%	DHX40	90%	DHX57	100%
DHX58	99%	DHX8	100%	DHX9	97%	DIABLO	100%	DIAPH1	100%
DIAPH2	100%	DIAPH3	100%	DICER1	100%	DIDO1	100%	DIEXF	99%
DIMT1	97%	DIO1	100%	DIO2	98%	DIO3	100%	DIP2A	100%
DIP2B	100%	DIP2C	100%	DIRAS1	100%	DIRAS2	100%	DIRAS3	100%
DIRC1	100%	DIRC2	98%	DIS3	100%	DIS3L	98%	DIS3L2	100%
DISC1	97%	DISP1	100%	DISP2	100%	DIXDC1	100%	DKC1	100%
DKFZp761E198	100%	DKK1	100%	DKK2	100%	DKK3	100%	DKK4	100%
DKKL1	100%	DLAT	100%	DLC1	100%	DLD	100%	DLEC1	100%
DLEU7	90%	DLG1	100%	DLG2	100%	DLG3	99%	DLG4	100%
DLG5	100%	DLGAP1	100%	DLGAP2	100%	DLGAP3	100%	DLGAP4	100%
DLGAP5	100%	DLK1	100%	DLK2	100%	DLL1	100%	DLL3	92%
DLL4	99%	DLST	95%	DLX1	100%	DLX2	100%	DLX3	100%
DLX4	100%	DLX5	100%	DLX6	100%	DMAP1	100%	DMBT1	76%
DMBX1	100%	DMC1	100%	DMD	98%	DMGDH	100%	DMKN	97%
DMP1	100%	DMPK	100%	DMRT1	100%	DMRT2	99%	DMRT3	99%
DMRTA1	100%	DMRTA2	98%	DMRTB1	95%	DMRTC1	11%	DMRTC1B	11%
DMRTC2	100%	DMTF1	100%	DMWD	99%	DMXL1	100%	DMXL2	100%
DNA2	100%	DNAAF1	100%	DNAAF2	100%	DNAH1	100%	DNAH10	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
DNAH11	100%	DNAH12	100%	DNAH14	99%	DNAH17	100%	DNAH2	100%
DNAH3	100%	DNAH5	100%	DNAH6	100%	DNAH7	100%	DNAH8	100%
DNAH9	100%	DNAI1	100%	DNAI2	100%	DNAJA1	97%	DNAJA2	100%
DNAJA3	99%	DNAJA4	100%	DNAJB1	98%	DNAJB11	100%	DNAJB12	100%
DNAJB13	100%	DNAJB14	82%	DNAJB2	100%	DNAJB3	100%	DNAJB4	100%
DNAJB5	100%	DNAJB6	94%	DNAJB7	100%	DNAJB8	100%	DNAJB9	100%
DNAJC1	93%	DNAJC10	100%	DNAJC11	100%	DNAJC12	100%	DNAJC13	100%
DNAJC14	100%	DNAJC15	100%	DNAJC16	100%	DNAJC17	99%	DNAJC18	100%
DNAJC19	99%	DNAJC2	100%	DNAJC21	100%	DNAJC22	98%	DNAJC24	100%
DNAJC25	93%	DNAJC25-GNG10	91%	DNAJC27	100%	DNAJC28	100%	DNAJC3	100%
DNAJC30	100%	DNAJC4	100%	DNAJC5	100%	DNAJC5B	100%	DNAJC5G	100%
DNAJC6	100%	DNAJC7	100%	DNAJC8	96%	DNAJC9	96%	DNAL1	100%
DNAL4	100%	DNALI1	100%	DNASE1	100%	DNASE1L1	99%	DNASE1L2	100%
DNASE1L3	100%	DNASE2	100%	DNASE2B	100%	DND1	71%	DNER	95%
DNHD1	100%	DNLZ	94%	DNM1	98%	DNM1L	100%	DNM2	100%
DNM3	100%	DNMBP	100%	DNMT1	100%	DNMT3A	100%	DNMT3B	100%
DNMT3L	100%	DNPEP	100%	DNTT	100%	DNTTIP1	100%	DNTTIP2	100%
DOC2A	100%	DOC2B	91%	DOCK1	100%	DOCK10	100%	DOCK11	94%
DOCK2	100%	DOCK3	100%	DOCK4	100%	DOCK5	100%	DOCK6	100%
DOCK7	100%	DOCK8	100%	DOCK9	100%	DOHH	99%	DOK1	100%
DOK2	100%	DOK3	98%	DOK4	100%	DOK5	100%	DOK6	100%
DOK7	95%	DOLK	100%	DOLPP1	100%	DOM3Z	100%	DONSON	98%
DOPEY1	100%	DOPEY2	100%	DOT1L	100%	DPAGT1	100%	DPCD	100%
DPCR1	100%	DPEP1	100%	DPEP2	100%	DPEP3	100%	DPF1	99%
DPF2	99%	DPF3	100%	DPH1	100%	DPH2	100%	DPH3	100%
DPH3P1	100%	DPH5	100%	DPM1	100%	DPM2	100%	DPM3	100%
DPP10	99%	DPP3	100%	DPP4	100%	DPP6	100%	DPP7	95%
DPP8	100%	DPP9	100%	DPPA2	100%	DPPA3	100%	DPPA4	99%
DPPA5	100%	DPRX	100%	DPT	100%	DPY19L1	93%	DPY19L2	76%
DPY19L3	99%	DPY19L4	97%	DPY30	87%	DPYD	100%	DPYS	100%
DPYSL2	100%	DPYSL3	100%	DPYSL4	100%	DPYSL5	100%	DQX1	100%
DR1	100%	DRAM1	100%	DRAM2	100%	DRAP1	100%	DRD1	100%
DRD2	100%	DRD3	100%	DRD4	98%	DRD5	100%	DRG1	99%
DRG2	100%	DRGX	99%	DROSHA	100%	DRP2	99%	DSC1	100%
DSC2	100%	DSC3	100%	DSCAM	100%	DSCAML1	99%	DSCC1	100%
DSCR3	100%	DSCR4	100%	DSCR6	88%	DSE	99%	DSEL	100%
DSG1	100%	DSG2	100%	DSG3	100%	DSG4	100%	DSN1	100%
DSP	100%	DSPP	97%	DST	100%	DSTN	96%	DSTYK	100%
DTD1	95%	DTHD1	100%	DTL	100%	DTNA	100%	DTNB	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
DTNBP1	100%	DTWD1	100%	DTWD2	95%	DTX1	95%	DTX2	87%
DTX3	100%	DTX3L	100%	DTX4	98%	DTYMK	100%	DUOX1	95%
DUOX2	95%	DUOXA1	100%	DUOXA2	100%	DUPD1	100%	DUS1L	100%
DUS2L	100%	DUS3L	100%	DUS4L	100%	DUSP1	100%	DUSP10	100%
DUSP11	100%	DUSP12	100%	DUSP13	96%	DUSP14	100%	DUSP15	94%
DUSP16	100%	DUSP18	100%	DUSP19	100%	DUSP2	95%	DUSP21	100%
DUSP22	100%	DUSP23	100%	DUSP26	100%	DUSP27	100%	DUSP28	91%
DUSP3	95%	DUSP4	100%	DUSP5	100%	DUSP6	100%	DUSP7	93%
DUSP8	53%	DUSP9	86%	DUT	96%	DUX2 (chr10)	0%	DUX2 (chr4)	6%
DUX4 (chr10)	0%	DUX4 (chr4)	0%	DUX4L2 (chr10)	13%	DUX4L2 (chr4)	0%	DUX4L3 (chr10)	13%
DUX4L3 (chr4)	0%	DUX4L4	7%	DUX4L5 (chr10)	13%	DUX4L5 (chr4)	0%	DUX4L6 (chr10)	13%
DUX4L6 (chr4)	0%	DUX4L7	18%	DUXA	91%	DVL1	100%	DVL2	100%
DVL3	100%	DYDC1	100%	DYDC2	100%	DYM	100%	DYNC1H1	100%
DYNC1I1	100%	DYNC1I2	87%	DYNC1LI1	99%	DYNC1LI2	100%	DYNC2H1	100%
DYNC2LI1	100%	DYNLL1	99%	DYNLL2	100%	DYNLRB1	100%	DYNLRB2	100%
DYNLT1	99%	DYNLT3	96%	DYRK1A	100%	DYRK1B	97%	DYRK2	99%
DYRK3	100%	DYRK4	100%	DYSF	100%	DYTN	100%	DYX1C1	100%
DZANK1	100%	DZIP1	98%	DZIP1L	100%	DZIP3	100%	E2F1	85%
E2F2	99%	E2F3	100%	E2F4	100%	E2F5	95%	E2F6	92%
E2F7	100%	E2F8	100%	E4F1	100%	EBF1	100%	EBF2	97%
EAPP	100%	EARS2	100%	EBAG9	100%	EBF1	99%	EBF2	100%
EBF3	100%	EBF4	91%	EBI3	98%	EBLN2	99%	EBNA1BP2	100%
EBP	100%	EBPL	97%	ECD	95%	ECE1	98%	ECE2	100%
ECEL1	96%	ECH1	100%	ECHDC1	100%	ECHDC2	99%	ECHDC3	96%
ECHS1	100%	ECI1	99%	ECI2	100%	ECM1	100%	ECM2	100%
ECSCR	93%	ECSIT	100%	ECT2	100%	ECT2L	100%	EDA	100%
EDA2R	100%	EDAR	100%	EDARADD	100%	EDC3	100%	EDC4	100%
EDDM3A	100%	EDDM3B	100%	EDEM1	100%	EDEM2	99%	EDEM3	100%
EDF1	100%	EDIL3	100%	EDN1	100%	EDN2	100%	EDN3	100%
EDNRA	100%	EDNRB	100%	EEA1	98%	EED	100%	EEF1A1	96%
EEF1A2	100%	EEF1B2	100%	EEF1D	95%	EEF1E1	98%	EEF1G	98%
EEF2	100%	EEF2K	100%	EEFSEC	100%	EEPD1	100%	EFCAB1	100%
EFCAB11	100%	EFCAB2	94%	EFCAB3	100%	EFCAB4A	100%	EFCAB4B	100%
EFCAB5	100%	EFCAB6	100%	EFCAB7	100%	EFCAB9	100%	EFEMP1	100%
EFEMP2	100%	EFHA1	98%	EFHA2	97%	EFHB	100%	EFHC1	100%
EFHC2	100%	EFHD1	91%	EFHD2	94%	EFNA1	100%	EFNA2	88%
EFNA3	100%	EFNA4	100%	EFNA5	100%	EFNB1	100%	EFNB2	100%
EFNB3	100%	EFR3A	100%	EFR3B	100%	EFS	100%	EFTUD1	99%
EFTUD2	100%	EGF	100%	EGFL6	100%	EGFL7	99%	EGFL8	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
EGFLAM	100%	EGFR	100%	EGLN1	96%	EGLN2	100%	EGLN3	100%
EGR1	100%	EGR2	100%	EGR3	100%	EGR4	100%	EHBP1	100%
EHBP1L1	96%	EHD1	100%	EHD2	100%	EHD3	100%	EHD4	100%
EHF	100%	EHHADH	100%	EHMT1	99%	EHMT2	100%	EI24	98%
EID1	100%	EID2	97%	EID2B	100%	EID3	100%	EIF1	100%
EIF1AD	100%	EIF1AX	83%	EIF1AY	55%	EIF1B	100%	EIF2A	100%
EIF2AK1	99%	EIF2AK2	100%	EIF2AK3	100%	EIF2AK4	100%	EIF2B1	100%
EIF2B2	100%	EIF2B3	100%	EIF2B4	100%	EIF2B5	100%	EIF2C1	100%
EIF2C2	99%	EIF2C3	100%	EIF2C4	99%	EIF2D	100%	EIF2S1	100%
EIF2S2	94%	EIF2S3	100%	EIF3A	100%	EIF3B	97%	EIF3C	7%
EIF3CL	7%	EIF3D	100%	EIF3E	90%	EIF3F	99%	EIF3G	100%
EIF3H	100%	EIF3I	100%	EIF3J	96%	EIF3K	100%	EIF3L	100%
EIF3M	100%	EIF4A1	92%	EIF4A2	97%	EIF4A3	100%	EIF4B	98%
EIF4E	91%	EIF4E1B	99%	EIF4E2	100%	EIF4E3	89%	EIF4EBP1	100%
EIF4EBP2	96%	EIF4EBP3	100%	EIF4ENIF1	100%	EIF4G1	100%	EIF4G2	100%
EIF4G3	100%	EIF4H	100%	EIF5	100%	EIF5A	100%	EIF5A2	100%
EIF5AL1	91%	EIF5B	100%	EIF6	100%	ELAC1	100%	ELAC2	100%
ELANE	100%	ELAVL1	100%	ELAVL2	100%	ELAVL3	100%	ELAVL4	100%
ELF1	100%	ELF2	99%	ELF3	100%	ELF4	100%	ELF5	100%
ELFN1	100%	ELFN2	100%	ELK1	100%	ELK3	100%	ELK4	100%
ELL	100%	ELL2	98%	ELL3	100%	ELMO1	100%	ELMO2	100%
ELMO3	100%	ELMOD1	100%	ELMOD2	100%	ELMOD3	100%	ELN	100%
ELOF1	100%	ELOVL1	100%	ELOVL2	100%	ELOVL3	100%	ELOVL4	100%
ELOVL5	100%	ELOVL6	100%	ELOVL7	100%	ELP2	100%	ELP3	100%
ELP4	100%	ELSPBP1	100%	ELTD1	98%	EMB	100%	EMCN	100%
EMD	100%	EME1	100%	EME2	100%	EMG1	100%	EMID1	97%
EMID2	98%	EMILIN1	98%	EMILIN2	91%	EMILIN3	99%	EML1	100%
EML2	100%	EML3	99%	EML4	99%	EML5	99%	EML6	100%
EMP1	100%	EMP2	99%	EMP3	100%	EMR1	100%	EMR2	99%
EMR3	100%	EMX1	97%	EMX2	100%	EN1	93%	EN2	99%
ENAH	93%	ENAM	100%	ENC1	100%	ENDOD1	100%	ENDOG	91%
ENDOU	100%	ENDOV	98%	ENG	100%	ENGASE	99%	ENHO	100%
ENKUR	100%	ENO1	100%	ENO2	100%	ENO3	100%	ENOPH1	100%
ENOSF1	95%	ENOX1	100%	ENOX2	100%	ENPEP	98%	ENPP1	98%
ENPP2	100%	ENPP3	100%	ENPP4	100%	ENPP5	100%	ENPP6	100%
ENPP7	99%	ENSA	100%	ENTHD1	100%	ENTPD1	100%	ENTPD2	99%
ENTPD3	100%	ENTPD4	100%	ENTPD5	100%	ENTPD6	100%	ENTPD7	100%
ENTPD8	100%	ENY2	100%	EOMES	100%	EP300	100%	EP400	95%
EPAS1	100%	EPB41	100%	EPB41L1	100%	EPB41L2	100%	EPB41L3	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
EPB41L4A	100%	EPB41L4B	97%	EPB41L5	100%	EPB42	100%	EPB49	99%
EPC1	99%	EPC2	100%	EPCAM	100%	EPDR1	100%	EPG5	99%
EPGN	100%	EPHA1	97%	EPHA10	96%	EPHA2	100%	EPHA3	100%
EPHA4	100%	EPHA5	100%	EPHA6	100%	EPHA7	100%	EPHA8	97%
EPHB1	100%	EPHB2	98%	EPHB3	100%	EPHB4	100%	EPHB6	100%
EPHX1	100%	EPHX2	100%	EPHX3	100%	EPHX4	100%	EPM2A	94%
EPM2AIP1	100%	EPN1	98%	EPN2	96%	EPN3	100%	EPO	100%
EPOR	100%	EPPK1	100%	EPRS	100%	EPS15	100%	EPS15L1	100%
EPS8	100%	EPS8L1	99%	EPS8L2	99%	EPS8L3	98%	EPSTI1	100%
EPT1	100%	EPX	100%	EPYC	100%	ERAL1	100%	ERAP1	100%
ERAP2	100%	ERAS	100%	ERBB2	100%	ERBB2IP	100%	ERBB3	100%
ERBB4	100%	ERC1	100%	ERC2	100%	ERCC1	100%	ERCC2	100%
ERCC3	100%	ERCC4	100%	ERCC5	100%	ERCC6	100%	ERCC6L	100%
ERCC8	100%	EREG	100%	ERF	100%	ERG	100%	ERGIC1	100%
ERGIC2	99%	ERGIC3	100%	ERH	99%	ERI1	98%	ERI2	100%
ERI3	99%	ERICH1	100%	ERLEC1	100%	ERLIN1	100%	ERLIN2	100%
ERMAP	100%	ERMN	100%	ERMP1	99%	ERN1	100%	ERN2	100%
ERO1L	100%	ERO1LB	100%	ERP27	100%	ERP29	100%	ERP44	100%
ERRFI1	100%	ERV3-1	100%	ERVFRD-1	100%	ERVV-1	89%	ERVV-2	82%
ESAM	100%	ESCO1	94%	ESCO2	100%	ESD	100%	ESF1	98%
ESM1	100%	ESPL1	100%	ESPN	90%	ESPNL	99%	ESR1	100%
ESR2	100%	ESRP1	100%	ESRP2	100%	ESRRA	93%	ESRRB	100%
ESRRG	100%	ESX1	96%	ESYT1	100%	ESYT2	92%	ESYT3	100%
ETAA1	99%	ETF1	95%	ETFA	100%	ETFB	100%	ETFDH	100%
ETHE1	100%	ETNK1	100%	ETNK2	100%	ETS1	100%	ETS2	100%
ETV1	100%	ETV2	100%	ETV3	100%	ETV3L	98%	ETV4	100%
ETV5	100%	ETV6	100%	ETV7	100%	EVC	95%	EVC2	98%
EVI2A	100%	EVI2B	100%	EVI5	100%	EVI5L	100%	EVL	92%
EVPL	96%	EVPLL	87%	EVX1	100%	EVX2	96%	EWSR1	100%
EXD1	100%	EXD2	98%	EXD3	100%	EXO1	100%	EXOC1	99%
EXOC2	100%	EXOC3	100%	EXOC3L1	100%	EXOC3L2	96%	EXOC3L4	100%
EXOC4	100%	EXOC5	92%	EXOC6	99%	EXOC6B	99%	EXOC7	100%
EXOC8	100%	EXOG	100%	EXOSC1	100%	EXOSC10	100%	EXOSC2	100%
EXOSC3	100%	EXOSC4	100%	EXOSC5	100%	EXOSC6	80%	EXOSC7	100%
EXOSC8	99%	EXOSC9	97%	EXPH5	100%	EXT1	100%	EXT2	100%
EXTL1	100%	EXTL2	100%	EXTL3	100%	EYA1	100%	EYA2	100%
EYA3	100%	EYA4	100%	EYS	100%	EZH1	100%	EZH2	100%
EZR	100%	F10	100%	F11	100%	F11R	100%	F12	100%
F13A1	100%	F13B	100%	F2	100%	F2R	100%	F2RL1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
F2RL2	100%	F2RL3	100%	F3	100%	F5	100%	F7	100%
F8	100%	F8A1	0%	F8A2	0%	F8A3	0%	F9	100%
FA2H	98%	FAAH	100%	FAAH2	100%	FABP1	100%	FABP12	100%
FABP2	100%	FABP3	100%	FABP4	100%	FABP5	100%	FABP6	100%
FABP7	100%	FABP9	100%	FADD	100%	FADS1	97%	FADS2	100%
FADS3	99%	FADS6	99%	FAF1	100%	FAF2	100%	FAH	100%
FAHD1	100%	FAHD2A	92%	FAHD2B	92%	FAIM	100%	FAIM2	99%
FAIM3	98%	FAM100A	99%	FAM100B	78%	FAM101A	100%	FAM101B	99%
FAM102A	96%	FAM102B	100%	FAM103A1	100%	FAM104A	100%	FAM104B	100%
FAM105A	95%	FAM105B	96%	FAM107A	100%	FAM107B	100%	FAM108A1	55%
FAM108B1	100%	FAM108C1	97%	FAM109A	99%	FAM109B	100%	FAM110A	99%
FAM110B	100%	FAM110C	94%	FAM110D	99%	FAM111A	100%	FAM111B	100%
FAM113A	100%	FAM113B	100%	FAM114A1	100%	FAM114A2	100%	FAM115A	31%
FAM115C	5%	FAM116A	97%	FAM116B	98%	FAM117A	86%	FAM117B	95%
FAM118A	100%	FAM118B	100%	FAM120A	97%	FAM120AOS	99%	FAM120B	100%
FAM120C	99%	FAM122A	100%	FAM122B	100%	FAM122C	83%	FAM123A	100%
FAM123B	100%	FAM123C	100%	FAM124A	98%	FAM124B	94%	FAM125A	99%
FAM125B	98%	FAM126A	100%	FAM126B	100%	FAM127A	94%	FAM127B	99%
FAM127C	100%	FAM129A	100%	FAM129B	100%	FAM129C	99%	FAM131A	100%
FAM131B	98%	FAM131C	72%	FAM132A	92%	FAM133A	78%	FAM133B	91%
FAM134A	94%	FAM134B	98%	FAM134C	100%	FAM135A	100%	FAM135B	100%
FAM136A	88%	FAM13A	100%	FAM13B	100%	FAM13C	100%	FAM149A	100%
FAM149B1	99%	FAM150A	100%	FAM150B	96%	FAM151A	100%	FAM151B	100%
FAM153A	41%	FAM153B	42%	FAM154A	100%	FAM154B	100%	FAM155A	100%
FAM155B	99%	FAM156A	0%	FAM156B	0%	FAM157A	14%	FAM157B	16%
FAM158A	100%	FAM159A	100%	FAM159B	100%	FAM160A1	100%	FAM160A2	100%
FAM160B1	100%	FAM160B2	98%	FAM161A	100%	FAM161B	100%	FAM162A	100%
FAM162B	95%	FAM163A	100%	FAM163B	32%	FAM164A	100%	FAM164C	100%
FAM165B	100%	FAM166A	100%	FAM166B	98%	FAM167A	99%	FAM167B	100%
FAM168A	100%	FAM168B	100%	FAM169A	100%	FAM169B	100%	FAM170A	100%
FAM170B	100%	FAM171A1	100%	FAM171A2	91%	FAM171B	100%	FAM172A	100%
FAM173A	95%	FAM173B	98%	FAM174A	100%	FAM174B	96%	FAM175A	99%
FAM175B	100%	FAM176A	100%	FAM176B	100%	FAM177A1	100%	FAM177B	99%
FAM178A	100%	FAM178B	100%	FAM179A	100%	FAM179B	100%	FAM180A	100%
FAM180B	100%	FAM181A	100%	FAM181B	99%	FAM183A	100%	FAM184A	100%
FAM184B	99%	FAM185A	86%	FAM186A	100%	FAM186B	100%	FAM187B	100%
FAM188A	100%	FAM188B	99%	FAM189A1	97%	FAM189A2	100%	FAM189B	98%
FAM18A	100%	FAM18B1	98%	FAM18B2	99%	FAM18B2-CDRT4	98%	FAM190A	100%
FAM190B	100%	FAM192A	98%	FAM193A	100%	FAM193B	96%	FAM194A	100%

* This data shows the % of coding (including +/-2bp) bases sequenced at >9X depth of coverage (DOC) for each gene. DOC was estimated from 18 representative samples; however, the specific gene coverage in a individual may vary (+/- 2% on average).

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
FAM194B	100%	FAM195A	82%	FAM195B	100%	FAM196A	100%	FAM196B	100%
FAM198A	100%	FAM198B	100%	FAM199X	98%	FAM19A1	100%	FAM19A2	100%
FAM19A3	100%	FAM19A4	100%	FAM19A5	100%	FAM200A	100%	FAM200B	100%
FAM203A	5%	FAM204A	98%	FAM205A	96%	FAM206A	100%	FAM207A	92%
FAM208A	99%	FAM208B	100%	FAM209A	100%	FAM209B	100%	FAM20A	100%
FAM20B	100%	FAM20C	100%	FAM210A	100%	FAM210B	79%	FAM211A	95%
FAM211B	93%	FAM212A	100%	FAM212B	100%	FAM213A	100%	FAM213B	95%
FAM214A	100%	FAM214B	100%	FAM21A	14%	FAM21B	7%	FAM21C	17%
FAM22A	9%	FAM22D	17%	FAM22F	46%	FAM22G	61%	FAM24A	100%
FAM24B	100%	FAM25A	1%	FAM25B	0%	FAM25C	0%	FAM25G	0%
FAM26D	100%	FAM26E	100%	FAM26F	99%	FAM32A	100%	FAM35A	22%
FAM36A	96%	FAM3A	88%	FAM3B	100%	FAM3C	97%	FAM3D	100%
FAM40A	99%	FAM40B	100%	FAM43A	100%	FAM43B	83%	FAM45A	100%
FAM46A	100%	FAM46B	99%	FAM46C	100%	FAM46D	100%	FAM47A	100%
FAM47B	100%	FAM47C	100%	FAM47E	100%	FAM47E-STBD1	100%	FAM48A	99%
FAM48B1	98%	FAM48B2	98%	FAM49A	100%	FAM49B	100%	FAM50A	97%
FAM50B	100%	FAM53A	100%	FAM53B	100%	FAM53C	100%	FAM54A	100%
FAM54B	100%	FAM55A	100%	FAM55B	100%	FAM55C	100%	FAM55D	100%
FAM57A	100%	FAM57B	100%	FAM58A	79%	FAM58BP	100%	FAM59A	100%
FAM59B	94%	FAM5B	100%	FAM5C	100%	FAM60A	92%	FAM63A	100%
FAM63B	100%	FAM64A	100%	FAM65A	100%	FAM65B	100%	FAM65C	100%
FAM69A	99%	FAM69B	97%	FAM69C	91%	FAM70A	98%	FAM70B	96%
FAM71A	100%	FAM71B	100%	FAM71C	100%	FAM71D	99%	FAM71E1	98%
FAM71E2	100%	FAM71F1	100%	FAM71F2	100%	FAM72A	0%	FAM72B	0%
FAM72D	0%	FAM73A	100%	FAM73B	99%	FAM75A1	3%	FAM75A2	3%
FAM75A3	16%	FAM75A4	0%	FAM75A5	0%	FAM75A6	19%	FAM75A7	0%
FAM75C1	59%	FAM75C2	58%	FAM75D1	98%	FAM75D3	22%	FAM75D4	20%
FAM76A	87%	FAM76B	100%	FAM78A	100%	FAM78B	100%	FAM81A	100%
FAM81B	100%	FAM82A1	100%	FAM82A2	99%	FAM82B	100%	FAM83A	100%
FAM83B	100%	FAM83C	98%	FAM83D	100%	FAM83E	99%	FAM83F	100%
FAM83G	100%	FAM83H	99%	FAM84A	100%	FAM84B	100%	FAM86A	20%
FAM86B1	13%	FAM86B2	9%	FAM86C1	37%	FAM89A	79%	FAM89B	82%
FAM8A1	96%	FAM90A1	10%	FAM90A10	7%	FAM90A13	0%	FAM90A14	0%
FAM90A18	0%	FAM90A19	0%	FAM90A20	1%	FAM90A5	0%	FAM90A7	0%
FAM90A8	0%	FAM90A9	0%	FAM91A1	90%	FAM92A1	87%	FAM92B	100%
FAM96A	100%	FAM96B	100%	FAM98A	100%	FAM98B	83%	FAM98C	99%
FAM9A	100%	FAM9B	99%	FAM9C	93%	FAN1	100%	FANCA	100%
FANCB	100%	FANCC	100%	FANCD2	99%	FANCE	93%	FANCF	100%
FANCG	100%	FANCI	100%	FANCL	100%	FANCM	100%	FANK1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
FAP	100%	FAR1	98%	FAR2	100%	FARP1	100%	FARP2	100%
FARS2	100%	FARSA	99%	FARSB	99%	FAS	100%	FASLG	100%
FASN	100%	FASTK	100%	FASTKD1	97%	FASTKD2	100%	FASTKD3	100%
FASTKD5	100%	FAT1	100%	FAT2	100%	FAT3	100%	FAT4	100%
FATE1	97%	FAU	100%	FBF1	98%	FBL	100%	FBLIM1	92%
FBLN1	100%	FBLN2	100%	FBLN5	100%	FBLN7	98%	FBN1	100%
FBN2	100%	FBN3	100%	FBP1	100%	FBP2	99%	FBRS	100%
FBRS1	80%	FBXL12	100%	FBXL13	100%	FBXL14	100%	FBXL15	99%
FBXL16	95%	FBXL17	98%	FBXL18	100%	FBXL19	99%	FBXL2	100%
FBXL20	100%	FBXL21	100%	FBXL22	100%	FBXL3	100%	FBXL4	100%
FBXL5	100%	FBXL6	99%	FBXL7	100%	FBXL8	100%	FBXO10	100%
FBXO11	100%	FBXO15	99%	FBXO16	100%	FBXO17	100%	FBXO18	100%
FBXO2	98%	FBXO21	100%	FBXO22	100%	FBXO24	100%	FBXO25	77%
FBXO27	100%	FBXO28	99%	FBXO3	100%	FBXO30	100%	FBXO31	96%
FBXO32	100%	FBXO33	100%	FBXO34	100%	FBXO36	96%	FBXO38	100%
FBXO39	100%	FBXO4	100%	FBXO40	100%	FBXO41	98%	FBXO42	100%
FBXO43	100%	FBXO44	100%	FBXO45	97%	FBXO46	99%	FBXO47	100%
FBXO48	100%	FBXO5	100%	FBXO6	100%	FBXO7	100%	FBXO8	100%
FBXO9	100%	FBXW10	99%	FBXW11	100%	FBXW12	100%	FBXW2	100%
FBXW4	100%	FBXW5	100%	FBXW7	100%	FBXW8	99%	FBXW9	100%
FCAMR	98%	FCAR	100%	FCER1A	100%	FCER1G	100%	FCER2	100%
FCF1	91%	FCGBP	64%	FCGR1A	46%	FCGR1B	30%	FCGR2A	100%
FCGR2B	72%	FCGR2C	77%	FCGR3A	100%	FCGR3B	96%	FCGRT	99%
FCHO1	97%	FCHO2	100%	FCHSD1	100%	FCHSD2	100%	FCN1	100%
FCN2	100%	FCN3	100%	FCRL1	100%	FCRL2	100%	FCRL3	100%
FCRL4	100%	FCRL5	100%	FCRL6	100%	FCRLA	100%	FCRLB	100%
FDCSP	100%	FDFT1	100%	FDPS	96%	FDX1	68%	FDX1L	100%
FDXACB1	100%	FDXR	100%	FECH	100%	FEM1A	100%	FEM1B	100%
FEM1C	100%	FEN1	91%	FER	100%	FER1L5	100%	FER1L6	100%
FERD3L	100%	FERMT1	100%	FERMT2	100%	FERMT3	100%	FES	100%
FETUB	100%	FEV	97%	FEZ1	100%	FEZ2	90%	FEZF1	100%
FEZF2	100%	FFAR1	100%	FFAR2	100%	FFAR3	99%	FGA	100%
FGB	100%	FGD1	99%	FGD2	99%	FGD3	100%	FGD4	100%
FGD5	99%	FGD6	100%	FGF1	100%	FGF10	100%	FGF11	100%
FGF12	99%	FGF13	99%	FGF14	100%	FGF16	99%	FGF17	100%
FGF18	100%	FGF19	98%	FGF2	98%	FGF20	99%	FGF21	100%
FGF22	77%	FGF23	100%	FGF3	99%	FGF4	94%	FGF5	100%
FGF6	100%	FGF7	49%	FGF8	97%	FGF9	100%	FGFBP1	100%
FGFBP2	100%	FGFBP3	99%	FGFR1	100%	FGFR10P	100%	FGFR10P2	96%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
FGFR2	100%	FGFR3	100%	FGFR4	100%	FGFRL1	100%	FGG	100%
FGGY	100%	FGL1	100%	FGL2	100%	FGR	100%	FH	98%
FHAD1	99%	FHDC1	100%	FHIT	100%	FHL1	100%	FHL2	100%
FHL3	100%	FHL5	100%	FHOD1	99%	FHOD3	100%	FIBCD1	100%
FIBIN	100%	FIBP	100%	FICD	100%	FIG4	100%	FIGF	99%
FIGLA	99%	FIGN	100%	FIGNL1	100%	FIGNL2	85%	FILIP1	100%
FILIP1L	100%	FIP1L1	100%	FIS1	100%	FITM1	100%	FITM2	100%
FIZ1	97%	FJX1	87%	FKBP10	100%	FKBP11	100%	FKBP14	100%
FKBP15	100%	FKBP1A	97%	FKBP1B	100%	FKBP2	99%	FKBP3	100%
FKBP4	99%	FKBP5	100%	FKBP6	88%	FKBP7	100%	FKBP8	100%
FKBP9	100%	FKBPL	100%	FKRP	100%	FKTN	100%	FLAD1	100%
FLCN	100%	FLG	100%	FLG2	100%	FLI1	100%	FLII	100%
FLJ22184	98%	FLJ23152	100%	FLJ25363	100%	FLJ27352	100%	FLJ43860	99%
FLJ44635	100%	FLNA	100%	FLNB	100%	FLNC	100%	FLOT1	100%
FLOT2	100%	FLRT1	100%	FLRT2	100%	FLRT3	100%	FLT1	100%
FLT3	100%	FLT3LG	96%	FLT4	100%	FLVCR1	100%	FLVCR2	100%
FLYWCH1	99%	FLYWCH2	100%	FMN1	98%	FMN2	100%	FMNL1	93%
FMNL2	100%	FMNL3	100%	FMO1	100%	FMO2	100%	FMO3	100%
FMO4	100%	FMO5	100%	FMOD	100%	FMR1	100%	FMR1NB	100%
FN1	100%	FN3K	99%	FN3KRP	99%	FNBP1	99%	FNBP1L	100%
FNBP4	100%	FNDC1	98%	FNDC3A	100%	FNDC3B	100%	FNDC4	100%
FNDC5	100%	FNDC7	100%	FNDC8	100%	FNDC9	100%	FNIP1	100%
FNIP2	100%	FNTA	89%	FNTB	100%	FOLH1	100%	FOLH1B	100%
FOLR1	100%	FOLR2	100%	FOLR3	100%	FOLR4	100%	FOPNL	100%
FOS	100%	FOSB	100%	FOSL1	94%	FOSL2	100%	FOXA1	100%
FOXA2	100%	FOXA3	100%	FOXB1	100%	FOXB2	100%	FOXC1	98%
FOXC2	99%	FOXD1	80%	FOXD2	98%	FOXD3	98%	FOXD4	42%
FOXD4L1	36%	FOXD4L2	0%	FOXD4L3	1%	FOXD4L4	0%	FOXD4L5	17%
FOXD4L6	0%	FOX E1	99%	FOX E3	78%	FOXF1	100%	FOXF2	96%
FOXG1	92%	FOX H1	100%	FOX I1	100%	FOX I2	94%	FOX I3	82%
FOXJ1	100%	FOXJ2	100%	FOXJ3	100%	FOXK1	89%	FOXK2	94%
FOX L1	97%	FOX L2	97%	FOX M1	100%	FOX N1	100%	FOX N2	100%
FOX N3	100%	FOX N4	97%	FOX O1	99%	FOX O3	93%	FOX O4	100%
FOXP1	100%	FOXP2	100%	FOXP3	100%	FOXP4	98%	FOXQ1	85%
FOXR1	100%	FOXR2	100%	FOXRED1	100%	FOXRED2	99%	FOX S1	100%
FPGS	94%	FPGT	100%	FPGT-TNNI3K	100%	FPR1	100%	FPR2	100%
FPR3	100%	FRA10AC1	100%	FRAS1	100%	FRAT1	86%	FRAT2	81%
FREM1	100%	FREM2	100%	FREM3	100%	FRG1	65%	FRG2	10%
FRG2B	68%	FRG2C	0%	FRK	100%	FRMD1	97%	FRMD3	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
FRMD4A	99%	FRMD4B	100%	FRMD5	99%	FRMD6	99%	FRMD7	100%
FRMD8	94%	FRMPD1	100%	FRMPD2	66%	FRMPD4	100%	FRRS1	100%
FRS2	100%	FRS3	100%	FRY	100%	FRYL	100%	FRZB	100%
FSCB	98%	FSCN1	98%	FSCN2	100%	FSCN3	100%	FSD1	100%
FSD1L	99%	FSD2	100%	FSHB	100%	FSHR	100%	FSIP1	100%
FSIP2	100%	FST	100%	FSTL1	100%	FSTL3	93%	FSTL4	100%
FSTL5	100%	FTCD	97%	FTH1	98%	FTHL17	100%	FTL	100%
FTMT	99%	FTO	100%	FTSJ1	100%	FTSJ2	98%	FTSJ3	100%
FTSJD1	100%	FTSJD2	100%	FUBP1	100%	FUBP3	100%	FUCA1	100%
FUCA2	100%	FUK	97%	FUNDC1	97%	FUNDC2	100%	FURIN	100%
FUS	100%	FUT1	100%	FUT10	100%	FUT11	100%	FUT2	100%
FUT3	100%	FUT4	96%	FUT5	100%	FUT6	100%	FUT7	100%
FUT8	100%	FUT9	100%	FUZ	100%	FXC1	100%	FXN	100%
FXR1	100%	FXR2	100%	FXYD1	100%	FXYD2	99%	FXYD3	99%
FXYD4	100%	FXYD5	100%	FXYD6	100%	FXYD6-FXYD2	100%	FXYD7	100%
FYB	100%	FYCO1	100%	FYN	100%	FYTDD1	100%	FZD1	95%
FZD10	99%	FZD2	99%	FZD3	100%	FZD4	100%	FZD5	100%
FZD6	100%	FZD7	100%	FZD8	90%	FZD9	99%	FZR1	100%
G0S2	100%	G2E3	99%	G3BP1	97%	G3BP2	100%	G6PC	100%
G6PC2	100%	G6PC3	100%	G6PD	100%	GAA	100%	GAB1	100%
GAB2	100%	GAB3	98%	GAB4	100%	GABARAP	98%	GABARAPL1	99%
GABARAPL2	100%	GABBR1	100%	GABBR2	98%	GABPA	93%	GABPB1	100%
GABPB2	100%	GABRA1	100%	GABRA2	100%	GABRA3	99%	GABRA4	99%
GABRA5	100%	GABRA6	100%	GABRB1	100%	GABRB2	100%	GABRB3	98%
GABRD	95%	GABRE	97%	GABRG1	100%	GABRG2	98%	GABRG3	100%
GABRP	100%	GABRQ	99%	GABRR1	100%	GABRR2	100%	GABRR3	100%
GAD1	100%	GAD2	100%	GADD45A	100%	GADD45B	100%	GADD45G	100%
GADD45GIP1	92%	GADL1	100%	GAGE1	25%	GAGE10	52%	GAGE12B	0%
GAGE12C	0%	GAGE12D	0%	GAGE12E	0%	GAGE12F	8%	GAGE12G	0%
GAGE12H	0%	GAGE12I	0%	GAGE12J	16%	GAGE13	13%	GAGE2A	2%
GAGE2B	1%	GAGE2C	7%	GAGE2D	9%	GAGE2E	3%	GAGE4	0%
GAGE5	0%	GAGE6	0%	GAGE7	0%	GAGE8	3%	GAK	100%
GAL	100%	GAL3ST1	100%	GAL3ST2	100%	GAL3ST3	97%	GAL3ST4	100%
GALC	100%	GALE	100%	GALK1	100%	GALK2	100%	GALM	100%
GALNS	100%	GALNT1	100%	GALNT10	98%	GALNT11	100%	GALNT12	96%
GALNT13	100%	GALNT14	100%	GALNT2	100%	GALNT3	100%	GALNT4	100%
GALNT5	100%	GALNT6	100%	GALNT7	100%	GALNT8	100%	GALNT9	100%
GALNTL1	100%	GALNTL2	99%	GALNTL4	97%	GALNTL5	100%	GALNTL6	100%
GALP	100%	GALR1	100%	GALR2	93%	GALR3	91%	GALT	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
GAMT	99%	GAN	100%	GANAB	100%	GANC	100%	GAP43	100%
GAPDH	85%	GAPDHS	99%	GAPT	100%	GAPVD1	100%	GAR1	97%
GARNL3	100%	GARS	100%	GART	100%	GAS1	97%	GAS2	100%
GAS2L1	99%	GAS2L2	100%	GAS2L3	100%	GAS6	97%	GAS7	100%
GAS8	99%	GAST	100%	GATA1	100%	GATA2	100%	GATA3	100%
GATA4	82%	GATA5	100%	GATA6	91%	GATAD1	99%	GATAD2A	100%
GATAD2B	100%	GATC	100%	GATM	100%	GATS	71%	GATSL1	0%
GATSL2	7%	GATSL3	97%	GBA	100%	GBA2	100%	GBA3	100%
GBAS	89%	GBE1	100%	GBF1	100%	GBGT1	100%	GBP1	100%
GBP2	100%	GBP3	98%	GBP4	100%	GBP5	100%	GBP6	100%
GBP7	100%	GBX1	100%	GBX2	100%	GC	100%	GCA	100%
GCAT	99%	GCC1	100%	GCC2	89%	GCDH	100%	GCET2	100%
GCFC1	99%	GCFC2	98%	GCG	100%	GCGR	100%	GCH1	100%
GCHFR	100%	GCK	100%	GCKR	100%	GCLC	100%	GCLM	100%
GCM1	100%	GCM2	100%	GCN1L1	100%	GCNT1	100%	GCNT2	100%
GCNT3	99%	GCNT4	100%	GCNT7	100%	GCOM1	96%	GCSH	80%
GDA	100%	GDAP1	100%	GDAP1L1	100%	GDAP2	100%	GDE1	100%
GDF1	81%	GDF10	100%	GDF11	95%	GDF15	98%	GDF2	100%
GDF3	100%	GDF5	100%	GDF6	100%	GDF7	87%	GDF9	100%
GDI1	100%	GDI2	98%	GDNF	100%	GDPD1	100%	GDPD2	98%
GDPD3	100%	GDPD4	100%	GDPD5	100%	GEM	100%	GEMIN2	100%
GEMIN4	100%	GEMIN5	100%	GEMIN6	100%	GEMIN7	100%	GEMIN8	100%
GEN1	99%	gene	0%	GET4	100%	GFAP	100%	GFER	100%
GFI1	100%	GFI1B	100%	GFM1	100%	GFM2	99%	GFOD1	100%
GFOD2	100%	GFPT1	100%	GFPT2	100%	GFRA1	100%	GFRA2	68%
GFRA3	100%	GFRA4	99%	GFRAL	100%	GGA1	99%	GGA2	100%
GGA3	98%	GGCT	99%	GGCX	100%	GGH	100%	GGN	100%
GGNBP2	100%	GGPS1	100%	GGT1	21%	GGT5	97%	GGT6	100%
GGT7	99%	GGTLC1	20%	GGTLC2	22%	GH1	100%	GH2	100%
GHDC	94%	GHITM	99%	GHR	100%	GHRH	100%	GHRHR	100%
GHRL	100%	GHSR	100%	GIF	100%	GIGYF1	100%	GIGYF2	100%
GIMAP1	98%	GIMAP1-GIMAP5	99%	GIMAP2	97%	GIMAP4	100%	GIMAP5	100%
GIMAP6	99%	GIMAP7	100%	GIMAP8	100%	GIN1	100%	GINS1	99%
GINS2	100%	GINS3	94%	GINS4	100%	GIP	100%	GIPC1	93%
GIPC2	100%	GIPC3	97%	GIPR	100%	GIT1	99%	GIT2	100%
GJA1	100%	GJA10	100%	GJA3	100%	GJA4	100%	GJA5	100%
GJA8	100%	GJA9	100%	GJB1	100%	GJB2	100%	GJB3	100%
GJB4	100%	GJB5	100%	GJB6	100%	GJB7	100%	GJC1	100%
GJC2	95%	GJC3	100%	GJD2	100%	GJD3	99%	GJD4	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
GK	100%	GK2	100%	GK5	100%	GKAP1	100%	GKN1	100%
GKN2	100%	GLA	100%	GLB1	100%	GLB1L	100%	GLB1L2	100%
GLB1L3	100%	GLCCI1	93%	GLCE	100%	GLDC	93%	GLDN	100%
GLE1	100%	GLG1	100%	GLI1	100%	GLI2	99%	GLI3	100%
GLI4	99%	GLIPR1	100%	GLIPR1L1	99%	GLIPR1L2	100%	GLIPR2	100%
GLIS1	100%	GLIS2	100%	GLIS3	100%	GLMN	100%	GLO1	100%
GLOD4	100%	GLOD5	100%	GLP1R	100%	GLP2R	100%	GLRA1	100%
GLRA2	99%	GLRA3	100%	GLRA4	96%	GLRB	100%	GLRX	100%
GLRX2	97%	GLRX3	89%	GLRX5	98%	GLS	98%	GLS2	98%
GLT1D1	99%	GLT25D1	92%	GLT25D2	100%	GLT6D1	100%	GLT8D1	100%
GLT8D2	100%	GLTP	100%	GLTPD1	100%	GLTPD2	100%	GLTSCR1	95%
GLTSCR2	94%	GLUD1	93%	GLUD2	89%	GLUL	100%	GLYAT	100%
GLYATL1	100%	GLYATL2	99%	GLYATL3	100%	GLYCTK	100%	GLYR1	100%
GM2A	100%	GMCL1	97%	GMD5	100%	GMEB1	100%	GMEB2	100%
GMFB	100%	GMFG	100%	GMIP	98%	GML	100%	GMNC	100%
GMNN	100%	GMPPA	100%	GMPPB	100%	GMPR	100%	GMPR2	100%
GMPS	97%	GNA11	100%	GNA12	93%	GNA13	100%	GNA14	100%
GNA15	100%	GNAI1	99%	GNAI2	100%	GNAI3	100%	GNAL	99%
GNAO1	100%	GNAQ	91%	GNAS	100%	GNAT1	100%	GNAT2	100%
GNAT3	100%	GNAZ	100%	GNB1	100%	GNB1L	100%	GNB2	100%
GNB2L1	100%	GNB3	100%	GNB4	100%	GNB5	100%	GNE	100%
GNG10	100%	GNG11	100%	GNG12	100%	GNG13	100%	GNG2	100%
GNG3	100%	GNG4	100%	GNG5	98%	GNG7	100%	GNG8	100%
GNGT1	86%	GNGT2	100%	GNL1	99%	GNL2	100%	GNL3	97%
GNL3L	99%	GNLY	100%	GNMT	100%	GNPAT	100%	GNPDA1	100%
GNPDA2	100%	GNPNAT1	72%	GNPTAB	100%	GNPTG	97%	GNRH1	100%
GNRH2	100%	GNRHR	100%	GNS	100%	GOLGA1	99%	GOLGA2	100%
GOLGA3	100%	GOLGA4	100%	GOLGA5	100%	GOLGA6A	33%	GOLGA6B	33%
GOLGA6C	21%	GOLGA6D	23%	GOLGA6L1	39%	GOLGA6L10	1%	GOLGA6L6	16%
GOLGA6L9	0%	GOLGA7	100%	GOLGA7B	100%	GOLGA8A	17%	GOLGA8B	14%
GOLGB1	100%	GOLIM4	100%	GOLM1	100%	GOLPH3	99%	GOLPH3L	100%
GOLT1A	100%	GOLT1B	100%	GON4L	98%	GOPC	100%	GORAB	100%
GORASP1	100%	GORASP2	100%	GOSR1	99%	GOSR2	100%	GOT1	100%
GOT1L1	100%	GOT2	96%	GP1BA	99%	GP1BB	88%	GP2	100%
GP5	100%	GP6	100%	GP9	100%	GPA33	98%	GPAA1	99%
GPAM	100%	GPANK1	100%	GPAT2	61%	GPATCH1	100%	GPATCH2	100%
GPATCH3	100%	GPATCH4	100%	GPATCH8	100%	GPBAR1	100%	GPBP1	100%
GPBP1L1	100%	GPC1	98%	GPC2	99%	GPC3	100%	GPC4	100%
GPC5	100%	GPC6	100%	GPCPD1	97%	GPCRLTM7	100%	GPD1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
GPD1L	100%	GPD2	99%	GPER	100%	GPHA2	100%	GPHB5	100%
GPHN	100%	GPI	100%	GPIHBP1	100%	GPKOW	99%	GPLD1	100%
GPM6A	100%	GPM6B	100%	GPN1	100%	GPN2	100%	GPN3	100%
GPNMB	100%	GPR1	100%	GPR101	100%	GPR107	98%	GPR108	100%
GPR110	100%	GPR111	100%	GPR112	99%	GPR113	100%	GPR114	100%
GPR115	100%	GPR116	93%	GPR119	100%	GPR12	100%	GPR123	100%
GPR124	98%	GPR125	95%	GPR126	100%	GPR128	100%	GPR132	100%
GPR133	100%	GPR135	95%	GPR137	100%	GPR137B	100%	GPR137C	94%
GPR139	100%	GPR141	100%	GPR142	100%	GPR143	97%	GPR144	100%
GPR146	100%	GPR148	100%	GPR149	100%	GPR15	100%	GPR150	96%
GPR151	100%	GPR152	100%	GPR153	84%	GPR155	99%	GPR156	100%
GPR157	99%	GPR158	100%	GPR160	100%	GPR161	100%	GPR162	100%
GPR17	100%	GPR171	100%	GPR172A	100%	GPR172B	100%	GPR173	100%
GPR174	100%	GPR176	100%	GPR179	100%	GPR18	100%	GPR180	100%
GPR182	100%	GPR183	100%	GPR19	100%	GPR20	100%	GPR21	100%
GPR22	98%	GPR25	100%	GPR26	99%	GPR27	96%	GPR3	100%
GPR31	100%	GPR32	100%	GPR33	100%	GPR34	100%	GPR35	100%
GPR37	100%	GPR37L1	100%	GPR39	100%	GPR4	100%	GPR45	100%
GPR50	100%	GPR52	100%	GPR55	100%	GPR56	100%	GPR6	100%
GPR61	100%	GPR62	95%	GPR63	100%	GPR64	98%	GPR65	100%
GPR68	100%	GPR75	100%	GPR75-ASB3	100%	GPR77	100%	GPR78	100%
GPR82	100%	GPR83	98%	GPR84	100%	GPR85	100%	GPR87	100%
GPR88	99%	GPR89A	37%	GPR89B	30%	GPR89C	0%	GPR97	100%
GPR98	100%	GPRASP1	100%	GPRASP2	100%	GPRC5A	100%	GPRC5B	100%
GPRC5C	100%	GPRC5D	100%	GPRC6A	100%	GPRIN1	100%	GPRIN2	100%
GPRIN3	100%	GPS1	100%	GPS2	100%	GPSM1	97%	GPSM2	100%
GPSM3	97%	GPT	100%	GPT2	100%	GPX1	93%	GPX2	100%
GPX3	99%	GPX4	90%	GPX5	100%	GPX6	100%	GPX7	100%
GPX8	98%	GRAMD1A	100%	GRAMD1B	100%	GRAMD1C	100%	GRAMD2	100%
GRAMD3	100%	GRAMD4	100%	GRAP	60%	GRAP2	100%	GRAPL	1%
GRASP	85%	GRB10	100%	GRB14	98%	GRB2	100%	GRB7	100%
GREB1	100%	GREB1L	100%	GREM1	100%	GREM2	100%	GRHL1	100%
GRHL2	100%	GRHL3	100%	GRHPR	100%	GRIA1	100%	GRIA2	100%
GRIA3	100%	GRIA4	100%	GRID1	100%	GRID2	100%	GRID2IP	86%
GRIK1	100%	GRIK2	100%	GRIK3	100%	GRIK4	100%	GRIK5	92%
GRIN1	100%	GRIN2A	100%	GRIN2B	100%	GRIN2C	95%	GRIN2D	76%
GRIN3A	100%	GRIN3B	88%	GRINA	97%	GRIP1	100%	GRIP2	99%
GRIPAP1	99%	GRK1	100%	GRK4	100%	GRK5	100%	GRK6	98%
GRK7	100%	GRM1	100%	GRM2	100%	GRM3	100%	GRM4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
GRM5	100%	GRM6	94%	GRM7	100%	GRM8	100%	GRN	100%
GRP	98%	GRPEL1	100%	GRPEL2	100%	GRPR	100%	GRSF1	98%
GRTP1	100%	GRWD1	100%	GRXCR1	100%	GRXCR2	100%	GSC	100%
GSC2	78%	GSDMA	100%	GSDMB	100%	GSDMC	100%	GSDMD	100%
GSG1	100%	GSG1L	98%	GSG2	100%	GSK3A	98%	GSK3B	100%
GSN	99%	GSPT1	100%	GSPT2	100%	GSR	97%	GSS	100%
GSTA1	100%	GSTA2	100%	GSTA3	100%	GSTA4	100%	GSTA5	100%
GSTCD	100%	GSTK1	100%	GSTM1	51%	GSTM2	97%	GSTM3	100%
GSTM4	98%	GSTM5	98%	GSTO1	100%	GSTO2	100%	GSTP1	100%
GSTT1	72%	GSTT2	28%	GSTT2B	24%	GSTZ1	100%	GSX1	98%
GSX2	100%	GTDC1	100%	GTF2A1	100%	GTF2A1L	100%	GTF2A2	100%
GTF2B	100%	GTF2E1	100%	GTF2E2	100%	GTF2F1	100%	GTF2F2	100%
GTF2H1	98%	GTF2H2	3%	GTF2H2C	3%	GTF2H2D	3%	GTF2H3	100%
GTF2H4	100%	GTF2H5	100%	GTF2I	38%	GTF2IRD1	99%	GTF2IRD2	38%
GTF2IRD2B	44%	GTF3A	100%	GTF3C1	99%	GTF3C2	100%	GTF3C3	100%
GTF3C4	100%	GTF3C5	100%	GTF3C6	100%	GTPBP1	100%	GTPBP10	100%
GTPBP2	99%	GTPBP3	100%	GTPBP4	100%	GTPBP5	99%	GTPBP6 (chrX)	83%
GTPBP6 (chrY)	0%	GTPBP8	100%	GTSE1	100%	GTSF1	100%	GTSF1L	100%
GUCA1A	100%	GUCA1B	100%	GUCA1C	100%	GUCA2A	100%	GUCA2B	100%
GUCY1A2	99%	GUCY1A3	100%	GUCY1B3	100%	GUCY2C	100%	GUCY2D	100%
GUCY2F	100%	GUF1	100%	GUK1	100%	GULP1	100%	GUSB	100%
GXYLT1	84%	GXYLT2	86%	GYG1	100%	GYG2	100%	GYLTL1B	98%
GYPA	99%	GYPB	100%	GYPC	90%	GYPE	100%	GYS1	100%
GYS2	100%	GZF1	100%	GZMA	100%	GZMB	97%	GZMH	98%
GZMK	100%	GZMM	100%	H1F0	100%	H1FNT	100%	H1FOO	99%
H1FX	100%	H2AFB1	0%	H2AFB2	0%	H2AFB3	0%	H2AFJ	100%
H2AFV	93%	H2AFX	100%	H2AFY	100%	H2AFY2	100%	H2AFZ	100%
H2BFM	100%	H2BFWT	100%	H3F3A	100%	H3F3B	100%	H3F3C	100%
H6PD	100%	HAAO	100%	HABP2	100%	HABP4	95%	HACE1	100%
HACL1	100%	HADH	100%	HADHA	100%	HADHB	100%	HAGH	99%
HAGHL	89%	HAL	100%	HAMP	100%	HAND1	100%	HAND2	100%
HAO1	100%	HAO2	100%	HAP1	99%	HAPLN1	100%	HAPLN2	100%
HAPLN3	100%	HAPLN4	100%	HARBI1	100%	HARS	100%	HARS2	100%
HAS1	100%	HAS2	100%	HAS3	100%	HAT1	100%	HAUS1	93%
HAUS2	100%	HAUS3	100%	HAUS4	100%	HAUS5	99%	HAUS6	91%
HAUS7	96%	HAUS8	100%	HAVCR1	100%	HAVCR2	100%	HAX1	100%
HBA1	61%	HBA2	42%	HBB	100%	HBD	100%	HBE1	100%
HBEGF	100%	HBG1	60%	HBG2	83%	HBM	100%	HBP1	100%
HBQ1	89%	HBS1L	100%	HBXIP	100%	HBZ	51%	HCAR1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>HCAR2</i>	100%	<i>HCAR3</i>	98%	<i>HCCS</i>	100%	<i>HCFC1</i>	100%	<i>HCFC1R1</i>	99%
<i>HCFC2</i>	100%	<i>HCK</i>	100%	<i>HCLS1</i>	100%	<i>HCN1</i>	100%	<i>HCN2</i>	72%
<i>HCN3</i>	100%	<i>HCN4</i>	100%	<i>HCRT</i>	100%	<i>HCRT1</i>	100%	<i>HCRT2</i>	100%
<i>HCST</i>	100%	<i>HDAC1</i>	100%	<i>HDAC10</i>	97%	<i>HDAC11</i>	98%	<i>HDAC2</i>	100%
<i>HDAC3</i>	100%	<i>HDAC4</i>	100%	<i>HDAC5</i>	100%	<i>HDAC6</i>	100%	<i>HDAC7</i>	99%
<i>HDAC8</i>	100%	<i>HDAC9</i>	100%	<i>HDC</i>	100%	<i>HDDC2</i>	99%	<i>HDDC3</i>	95%
<i>HDGF</i>	100%	<i>HDGFL1</i>	100%	<i>HDGFRP2</i>	99%	<i>HDGFRP3</i>	99%	<i>HDHD1</i>	97%
<i>HDHD2</i>	100%	<i>HDHD3</i>	100%	<i>HDLBP</i>	100%	<i>HDX</i>	100%	<i>HEATR1</i>	100%
<i>HEATR2</i>	91%	<i>HEATR3</i>	99%	<i>HEATR4</i>	100%	<i>HEATR5A</i>	100%	<i>HEATR5B</i>	100%
<i>HEATR6</i>	100%	<i>HEATR7A</i>	28%	<i>HEATR7B2</i>	100%	<i>HEATR8</i>	100%	<i>HEBP1</i>	100%
<i>HEBP2</i>	92%	<i>HECA</i>	94%	<i>HECTD1</i>	100%	<i>HECTD2</i>	100%	<i>HECTD3</i>	99%
<i>HECW1</i>	100%	<i>HECW2</i>	100%	<i>HEG1</i>	97%	<i>HELB</i>	100%	<i>HELLS</i>	100%
<i>HELQ</i>	100%	<i>HELT</i>	100%	<i>HELZ</i>	100%	<i>HEMGN</i>	100%	<i>HEMK1</i>	100%
<i>HENMT1</i>	100%	<i>HEPACAM</i>	98%	<i>HEPACAM2</i>	100%	<i>HEPH</i>	100%	<i>HEPL1</i>	100%
<i>HEPN1</i>	100%	<i>HERC1</i>	100%	<i>HERC2</i>	79%	<i>HERC3</i>	100%	<i>HERC4</i>	100%
<i>HERC5</i>	100%	<i>HERC6</i>	100%	<i>HERPUD1</i>	100%	<i>HERPUD2</i>	100%	<i>HES1</i>	100%
<i>HES2</i>	81%	<i>HES3</i>	100%	<i>HES4</i>	93%	<i>HES5</i>	86%	<i>HES6</i>	89%
<i>HES7</i>	96%	<i>HESX1</i>	100%	<i>HEXA</i>	100%	<i>HEXB</i>	100%	<i>HEXDC</i>	100%
<i>HEXIM1</i>	100%	<i>HEXIM2</i>	100%	<i>HEY1</i>	100%	<i>HEY2</i>	100%	<i>HEYL</i>	100%
<i>HFE</i>	100%	<i>HFE2</i>	100%	<i>HFM1</i>	98%	<i>HGC6.3</i>	99%	<i>HGD</i>	100%
<i>HGF</i>	100%	<i>HGFAC</i>	99%	<i>HGS</i>	99%	<i>HGSNAT</i>	95%	<i>HHAT</i>	99%
<i>HHATL</i>	100%	<i>HHEX</i>	100%	<i>HHIP</i>	100%	<i>HHIPL1</i>	96%	<i>HHIPL2</i>	100%
<i>HHLA1</i>	100%	<i>HHLA2</i>	100%	<i>HHLA3</i>	86%	<i>HIAT1</i>	99%	<i>HIATL1</i>	92%
<i>HIBADH</i>	94%	<i>HIBCH</i>	98%	<i>HIC1</i>	99%	<i>HIC2</i>	99%	<i>HIF1A</i>	100%
<i>HIF1AN</i>	100%	<i>HIF3A</i>	100%	<i>HIGD1A</i>	82%	<i>HIGD1B</i>	100%	<i>HIGD1C</i>	100%
<i>HIGD2A</i>	100%	<i>HILPDA</i>	100%	<i>HINFP</i>	100%	<i>HINT1</i>	95%	<i>HINT2</i>	99%
<i>HINT3</i>	100%	<i>HIP1</i>	100%	<i>HIP1R</i>	99%	<i>HIPK1</i>	100%	<i>HIPK2</i>	100%
<i>HIPK3</i>	100%	<i>HIPK4</i>	99%	<i>HIRA</i>	100%	<i>HIRIP3</i>	100%	<i>HIST1H1A</i>	100%
<i>HIST1H1B</i>	100%	<i>HIST1H1C</i>	100%	<i>HIST1H1D</i>	100%	<i>HIST1H1E</i>	100%	<i>HIST1H1T</i>	100%
<i>HIST1H2AA</i>	100%	<i>HIST1H2AB</i>	100%	<i>HIST1H2AC</i>	100%	<i>HIST1H2AD</i>	100%	<i>HIST1H2AE</i>	100%
<i>HIST1H2AG</i>	100%	<i>HIST1H2AH</i>	100%	<i>HIST1H2AI</i>	100%	<i>HIST1H2AJ</i>	100%	<i>HIST1H2AK</i>	100%
<i>HIST1H2AL</i>	100%	<i>HIST1H2AM</i>	100%	<i>HIST1H2BA</i>	100%	<i>HIST1H2BB</i>	100%	<i>HIST1H2BC</i>	100%
<i>HIST1H2BD</i>	100%	<i>HIST1H2BE</i>	100%	<i>HIST1H2BF</i>	100%	<i>HIST1H2BG</i>	100%	<i>HIST1H2BH</i>	100%
<i>HIST1H2BI</i>	100%	<i>HIST1H2BJ</i>	100%	<i>HIST1H2BK</i>	100%	<i>HIST1H2BL</i>	100%	<i>HIST1H2BM</i>	100%
<i>HIST1H2BN</i>	100%	<i>HIST1H2BO</i>	100%	<i>HIST1H3A</i>	100%	<i>HIST1H3B</i>	100%	<i>HIST1H3C</i>	100%
<i>HIST1H3D</i>	100%	<i>HIST1H3E</i>	100%	<i>HIST1H3F</i>	100%	<i>HIST1H3G</i>	100%	<i>HIST1H3H</i>	100%
<i>HIST1H3I</i>	100%	<i>HIST1H3J</i>	100%	<i>HIST1H4A</i>	100%	<i>HIST1H4B</i>	100%	<i>HIST1H4C</i>	100%
<i>HIST1H4D</i>	100%	<i>HIST1H4E</i>	100%	<i>HIST1H4F</i>	100%	<i>HIST1H4G</i>	100%	<i>HIST1H4H</i>	100%
<i>HIST1H4I</i>	100%	<i>HIST1H4J</i>	96%	<i>HIST1H4K</i>	100%	<i>HIST1H4L</i>	100%	<i>HIST2H2AA3</i>	0%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
HIST2H2AA4	0%	HIST2H2AB	100%	HIST2H2AC	100%	HIST2H2BE	100%	HIST2H2BF	96%
HIST2H3A	0%	HIST2H3C	0%	HIST2H3D	100%	HIST2H4A	0%	HIST2H4B	0%
HIST3H2A	100%	HIST3H2BB	100%	HIST3H3	100%	HIST4H4	100%	HIVEP1	100%
HIVEP2	100%	HIVEP3	100%	HJURP	100%	HK1	100%	HK2	99%
HK3	100%	HKDC1	100%	HKR1	100%	HLA-A	99%	HLA-B	98%
HLA-C	98%	HLA-DMA	100%	HLA-DMB	100%	HLA-DOA	100%	HLA-DOB	100%
HLA-DPA1	100%	HLA-DPB1	100%	HLA-DQA1	95%	HLA-DQA2	100%	HLA-DQB1	94%
HLA-DQB2	100%	HLA-DRA	100%	HLA-DRB1	98%	HLA-DRB5	79%	HLA-E	100%
HLA-F	100%	HLA-G	100%	HLCS	100%	HLF	100%	HLTF	100%
HLX	100%	HM13	100%	HMBOX1	100%	HMBS	100%	HMCN1	100%
HMG20A	98%	HMG20B	97%	HMGA1	98%	HMGA2	100%	HMGB1	82%
HMGB2	100%	HMGB3	91%	HMGB4	100%	HMGCL	100%	HMGCLL1	100%
HMGCR	100%	HMGCS1	100%	HMGCS2	100%	HMGN1	87%	HMGN2	100%
HMGN3	100%	HMGN4	100%	HMGN5	60%	HMGXB3	100%	HMGXB4	100%
HMHA1	100%	HMHB1	100%	HMMR	100%	HMOX1	100%	HMOX2	100%
HMP19	100%	HMSD	99%	HMX1	95%	HMX2	100%	HMX3	100%
HN1	100%	HN1L	100%	HNF1A	100%	HNF1B	100%	HNF4A	100%
HNF4G	98%	HNMT	100%	HNRNPA0	100%	HNRNPA1	98%	HNRNPA1L2	50%
HNRNPA2B1	100%	HNRNPA3	91%	HNRNPAB	82%	HNRNPC	98%	HNRNPCL1	98%
HNRNPD	92%	HNRNPF	100%	HNRNPH1	100%	HNRNPH2	100%	HNRNPH3	100%
HNRNPK	93%	HNRNPL	96%	HNRNPM	100%	HNRNPR	99%	HNRNPU	100%
HNRNPUL1	98%	HNRNPUL2	100%	HNRPDL	100%	HNRPLL	100%	HOGA1	100%
HOMER1	100%	HOMER2	99%	HOMER3	94%	HOMEZ	100%	HOOK1	99%
HOOK2	99%	HOOK3	100%	HOPX	100%	HORMAD1	99%	HORMAD2	100%
HOXA1	100%	HOXA10	100%	HOXA11	100%	HOXA13	89%	HOXA2	100%
HOXA3	100%	HOXA4	97%	HOXA5	100%	HOXA6	100%	HOXA7	100%
HOXA9	100%	HOXB1	100%	HOXB13	100%	HOXB2	100%	HOXB3	100%
HOXB4	92%	HOXB5	99%	HOXB6	100%	HOXB7	100%	HOXB8	100%
HOXB9	100%	HOXC10	100%	HOXC11	99%	HOXC12	100%	HOXC13	100%
HOXC4	100%	HOXC5	89%	HOXC6	100%	HOXC8	100%	HOXC9	100%
HOXD1	100%	HOXD10	100%	HOXD11	87%	HOXD12	100%	HOXD13	99%
HOXD3	100%	HOXD4	100%	HOXD8	100%	HOXD9	100%	HP	90%
HP1BP3	100%	HPCA	100%	HPCAL1	100%	HPCAL4	100%	HPD	100%
HPDL	100%	HPGD	100%	HPGDS	100%	HPN	100%	HPR	100%
HPRT1	99%	HPS1	100%	HPS3	100%	HPS4	100%	HPS5	100%
HPS6	100%	HPSE	100%	HPSE2	100%	HPX	100%	HR	99%
HRAS	100%	HRASLS	100%	HRASLS2	100%	HRASLS5	100%	HRC	100%
HRCT1	83%	HRG	95%	HRH1	100%	HRH2	100%	HRH3	97%
HRH4	100%	HRK	35%	HRNR	77%	HRSP12	100%	HS1BP3	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>HS2ST1</i>	100%	<i>HS3ST1</i>	100%	<i>HS3ST2</i>	100%	<i>HS3ST3A1</i>	95%	<i>HS3ST3B1</i>	87%
<i>HS3ST4</i>	98%	<i>HS3ST5</i>	100%	<i>HS3ST6</i>	96%	<i>HS6ST1</i>	84%	<i>HS6ST2</i>	100%
<i>HS6ST3</i>	100%	<i>HSBP1</i>	99%	<i>HSBP1L1</i>	100%	<i>HSCB</i>	100%	<i>HSD11B1</i>	100%
<i>HSD11B1L</i>	100%	<i>HSD11B2</i>	90%	<i>HSD17B1</i>	100%	<i>HSD17B10</i>	100%	<i>HSD17B11</i>	100%
<i>HSD17B12</i>	100%	<i>HSD17B13</i>	100%	<i>HSD17B14</i>	99%	<i>HSD17B2</i>	100%	<i>HSD17B3</i>	100%
<i>HSD17B4</i>	100%	<i>HSD17B6</i>	100%	<i>HSD17B7</i>	100%	<i>HSD17B8</i>	100%	<i>HSD3B1</i>	100%
<i>HSD3B2</i>	100%	<i>HSD3B7</i>	100%	<i>HSDL1</i>	100%	<i>HSDL2</i>	100%	<i>HSF1</i>	100%
<i>HSF2</i>	100%	<i>HSF2BP</i>	100%	<i>HSF4</i>	100%	<i>HSF5</i>	98%	<i>HSFX1</i>	0%
<i>HSFX2</i>	0%	<i>HSFY1</i>	0%	<i>HSFY2</i>	0%	<i>HSH2D</i>	99%	<i>HSP90AA1</i>	100%
<i>HSP90AB1</i>	100%	<i>HSP90B1</i>	99%	<i>HSPA12A</i>	98%	<i>HSPA12B</i>	100%	<i>HSPA13</i>	100%
<i>HSPA14</i>	95%	<i>HSPA1A</i>	29%	<i>HSPA1B</i>	30%	<i>HSPA1L</i>	100%	<i>HSPA2</i>	100%
<i>HSPA4</i>	100%	<i>HSPA4L</i>	100%	<i>HSPA5</i>	99%	<i>HSPA6</i>	97%	<i>HSPA8</i>	94%
<i>HSPA9</i>	100%	<i>HSPB1</i>	94%	<i>HSPB11</i>	100%	<i>HSPB2</i>	99%	<i>HSPB3</i>	100%
<i>HSPB6</i>	97%	<i>HSPB7</i>	100%	<i>HSPB8</i>	100%	<i>HSPB9</i>	100%	<i>HSPBAP1</i>	100%
<i>HSPBP1</i>	95%	<i>HSPD1</i>	98%	<i>HSPE1</i>	100%	<i>HSPE1-MOB4</i>	96%	<i>HSPG2</i>	99%
<i>HSPH1</i>	100%	<i>HTATIP2</i>	100%	<i>HTATSF1</i>	100%	<i>HTN1</i>	79%	<i>HTN3</i>	98%
<i>HTR1A</i>	100%	<i>HTR1B</i>	100%	<i>HTR1D</i>	100%	<i>HTR1E</i>	100%	<i>HTR1F</i>	100%
<i>HTR2A</i>	100%	<i>HTR2B</i>	100%	<i>HTR2C</i>	100%	<i>HTR3A</i>	100%	<i>HTR3B</i>	100%
<i>HTR3C</i>	100%	<i>HTR3D</i>	100%	<i>HTR3E</i>	100%	<i>HTR4</i>	100%	<i>HTR5A</i>	100%
<i>HTR6</i>	100%	<i>HTR7</i>	100%	<i>HTRA1</i>	88%	<i>HTRA2</i>	100%	<i>HTRA3</i>	95%
<i>HTRA4</i>	100%	<i>HTT</i>	99%	<i>HUNK</i>	99%	<i>HUS1</i>	100%	<i>HUS1B</i>	100%
<i>HUWE1</i>	100%	<i>HVCN1</i>	100%	<i>HYAL1</i>	100%	<i>HYAL2</i>	100%	<i>HYAL3</i>	99%
<i>HYAL4</i>	99%	<i>HYDIN</i>	86%	<i>HYI</i>	99%	<i>HYLS1</i>	100%	<i>HYOU1</i>	100%
<i>IAH1</i>	100%	<i>IAPP</i>	100%	<i>IARS</i>	100%	<i>IARS2</i>	100%	<i>IBA57</i>	98%
<i>IBSP</i>	98%	<i>IBTK</i>	100%	<i>ICA1</i>	100%	<i>ICA1L</i>	100%	<i>ICAM1</i>	100%
<i>ICAM2</i>	100%	<i>ICAM3</i>	100%	<i>ICAM4</i>	100%	<i>ICAM5</i>	99%	<i>ICK</i>	100%
<i>ICMT</i>	92%	<i>ICOS</i>	100%	<i>ICOSLG</i>	100%	<i>ICT1</i>	100%	<i>ID1</i>	100%
<i>ID2</i>	100%	<i>ID3</i>	100%	<i>ID4</i>	93%	<i>IDAS</i>	98%	<i>IDE</i>	100%
<i>IDH1</i>	100%	<i>IDH2</i>	100%	<i>IDH3A</i>	100%	<i>IDH3B</i>	100%	<i>IDH3G</i>	100%
<i>IDI1</i>	100%	<i>IDI2</i>	100%	<i>IDO1</i>	100%	<i>IDO2</i>	100%	<i>IDS</i>	100%
<i>IDUA</i>	95%	<i>IER2</i>	100%	<i>IER3</i>	100%	<i>IER3IP1</i>	100%	<i>IER5</i>	94%
<i>IER5L</i>	78%	<i>IFFO1</i>	100%	<i>IFFO2</i>	99%	<i>IFI16</i>	100%	<i>IFI27</i>	100%
<i>IFI27L1</i>	100%	<i>IFI27L2</i>	100%	<i>IFI30</i>	100%	<i>IFI35</i>	100%	<i>IFI44</i>	100%
<i>IFI44L</i>	100%	<i>IFI6</i>	100%	<i>IFIH1</i>	100%	<i>IFIT1</i>	100%	<i>IFIT1B</i>	100%
<i>IFIT2</i>	100%	<i>IFIT3</i>	100%	<i>IFIT5</i>	100%	<i>IFITM1</i>	100%	<i>IFITM10</i>	100%
<i>IFITM2</i>	100%	<i>IFITM3</i>	100%	<i>IFITM5</i>	100%	<i>IFLTD1</i>	99%	<i>IFNA1</i>	96%
<i>IFNA10</i>	100%	<i>IFNA13</i>	94%	<i>IFNA14</i>	100%	<i>IFNA16</i>	100%	<i>IFNA17</i>	100%
<i>IFNA2</i>	100%	<i>IFNA21</i>	100%	<i>IFNA4</i>	100%	<i>IFNA5</i>	100%	<i>IFNA6</i>	100%
<i>IFNA7</i>	100%	<i>IFNA8</i>	100%	<i>IFNAR1</i>	100%	<i>IFNAR2</i>	100%	<i>IFNB1</i>	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
IFNE	100%	IFNG	100%	IFNGR1	100%	IFNGR2	94%	IFNK	100%
IFNW1	100%	IFRD1	100%	IFRD2	99%	IFT122	100%	IFT140	100%
IFT172	100%	IFT20	75%	IFT27	100%	IFT43	100%	IFT46	100%
IFT52	100%	IFT57	100%	IFT74	100%	IFT80	100%	IFT81	94%
IFT88	100%	IGBP1	100%	IGDCC3	99%	IGDCC4	99%	IGF1	100%
IGF1R	100%	IGF2	100%	IGF2BP1	100%	IGF2BP2	97%	IGF2BP3	97%
IGF2R	99%	IGFALS	100%	IGFBP1	100%	IGFBP2	87%	IGFBP3	89%
IGFBP4	85%	IGFBP5	100%	IGFBP6	100%	IGFBP7	99%	IGFBPL1	94%
IGFL1	100%	IGFL2	100%	IGFL3	100%	IGFL4	100%	IGFLR1	100%
IGFN1	99%	IGHMBP2	100%	IGIP	100%	IGJ	100%	IGLL1	100%
IGLL5	100%	IGLON5	81%	IGSF1	100%	IGSF10	100%	IGSF11	99%
IGSF21	97%	IGSF22	100%	IGSF3	95%	IGSF5	93%	IGSF6	100%
IGSF8	100%	IGSF9	100%	IGSF9B	100%	IHH	100%	IK	100%
IKBIP	100%	IKBKAP	100%	IKBKB	99%	IKBKE	100%	IKBKG	27%
IKZF1	100%	IKZF2	100%	IKZF3	100%	IKZF4	100%	IKZF5	100%
IL10	100%	IL10RA	100%	IL10RB	100%	IL11	93%	IL11RA	100%
IL12A	100%	IL12B	100%	IL12RB1	100%	IL12RB2	100%	IL13	100%
IL13RA1	94%	IL13RA2	100%	IL15	100%	IL15RA	92%	IL16	100%
IL17A	100%	IL17B	100%	IL17C	100%	IL17D	80%	IL17F	100%
IL17RA	100%	IL17RB	100%	IL17RC	100%	IL17RD	100%	IL17RE	99%
IL17REL	100%	IL18	100%	IL18BP	100%	IL18R1	100%	IL18RAP	100%
IL19	100%	IL1A	100%	IL1B	100%	IL1F10	93%	IL1R1	100%
IL1R2	100%	IL1RAP	100%	IL1RAPL1	100%	IL1RAPL2	100%	IL1RL1	100%
IL1RL2	100%	IL1RN	100%	IL2	97%	IL20	100%	IL20RA	100%
IL20RB	100%	IL21	100%	IL21R	100%	IL22	100%	IL22RA1	100%
IL22RA2	99%	IL23A	100%	IL23R	100%	IL24	99%	IL25	100%
IL26	100%	IL27	100%	IL27RA	100%	IL28A	100%	IL28B	99%
IL28RA	98%	IL29	100%	IL2RA	100%	IL2RB	99%	IL2RG	100%
IL3	100%	IL31	100%	IL31RA	100%	IL32	100%	IL33	100%
IL34	100%	IL36A	100%	IL36B	100%	IL36G	100%	IL36RN	100%
IL37	100%	IL3RA (chrX)	100%	IL3RA (chrY)	0%	IL4	100%	IL4I1	100%
IL4R	100%	IL5	100%	IL5RA	100%	IL6	100%	IL6R	100%
IL6ST	100%	IL7	100%	IL7R	100%	IL8	100%	IL9	100%
IL9R (chrX)	94%	IL9R (chrY)	0%	ILDR1	100%	ILDR2	100%	ILF2	100%
ILF3	100%	ILK	100%	ILKAP	100%	ILVBL	100%	IMMP1L	95%
IMMP2L	100%	IMMT	97%	IMP3	98%	IMP4	100%	IMP5	100%
IMPA1	98%	IMPA2	100%	IMPACT	100%	IMPAD1	100%	IMPDH1	99%
IMPDH2	100%	IMPG1	100%	IMPG2	100%	INA	98%	INADL	99%
INCA1	100%	INCENP	100%	INF2	94%	ING1	100%	ING2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ING3	100%	ING4	100%	ING5	100%	INHA	100%	INHBA	99%
INHBB	91%	INHBC	100%	INHBE	100%	INMT	100%	INO80	99%
INO80B	100%	INO80C	83%	INO80D	100%	INO80E	82%	INPP1	99%
INPP4A	100%	INPP4B	100%	INPP5A	100%	INPP5B	100%	INPP5D	100%
INPP5E	99%	INPP5F	100%	INPP5J	100%	INPP5K	100%	INPPL1	99%
INS	100%	INSC	100%	INSIG1	100%	INSIG2	100%	INS-IGF2	91%
INSL3	100%	INSL4	100%	INSL5	100%	INSL6	100%	INSM1	95%
INSM2	100%	INSR	98%	INSRR	100%	INTS1	99%	INTS10	100%
INTS12	100%	INTS2	100%	INTS3	100%	INTS4	77%	INTS5	100%
INTS6	94%	INTS7	100%	INTS8	100%	INTS9	100%	INTU	100%
INVS	100%	IP6K1	99%	IP6K2	100%	IP6K3	100%	IPCEF1	100%
IPMK	100%	IPO11	100%	IPO13	100%	IPO4	100%	IPO5	100%
IPO7	93%	IPO8	100%	IPO9	100%	IPP	100%	IPPK	100%
IQCA1	100%	IQCB1	100%	IQCC	100%	IQCD	100%	IQCE	100%
IQCF1	100%	IQCF2	100%	IQCF3	100%	IQCF5	100%	IQCF6	100%
IQCG	100%	IQCH	100%	IQCI	100%	IQCI-SCHIP1	100%	IQCK	100%
IQGAP1	100%	IQGAP2	100%	IQGAP3	100%	IQSEC1	100%	IQSEC2	97%
IQSEC3	96%	IQUB	100%	IRAK1	97%	IRAK1BP1	100%	IRAK2	100%
IRAK3	100%	IRAK4	100%	IREB2	100%	IRF1	100%	IRF2	99%
IRF2BP1	100%	IRF2BP2	99%	IRF2BPL	100%	IRF3	100%	IRF4	100%
IRF5	100%	IRF6	100%	IRF7	100%	IRF8	100%	IRF9	100%
IRGC	100%	IRGM	100%	IRGQ	100%	IRS1	100%	IRS2	93%
IRS4	100%	IRX1	92%	IRX2	97%	IRX3	99%	IRX4	100%
IRX5	99%	IRX6	100%	ISCA1	98%	ISCA2	98%	ISCU	100%
ISG15	100%	ISG20	100%	ISG20L2	100%	ISL1	100%	ISL2	98%
ISLR	100%	ISLR2	100%	ISM1	99%	ISM2	98%	ISOC1	100%
ISOC2	100%	ISPD	98%	IST1	98%	ISX	100%	ISY1	98%
ISY1-RAB43	100%	ISYNA1	100%	ITCH	100%	ITFG1	100%	ITFG2	100%
ITFG3	100%	ITGA1	100%	ITGA10	100%	ITGA11	100%	ITGA2	100%
ITGA2B	100%	ITGA3	100%	ITGA4	99%	ITGA5	100%	ITGA6	100%
ITGA7	99%	ITGA8	100%	ITGA9	100%	ITGAD	100%	ITGAE	100%
ITGAL	99%	ITGAM	99%	ITGAV	99%	ITGAX	98%	ITGB1	100%
ITGB1BP1	100%	ITGB1BP2	100%	ITGB1BP3	100%	ITGB2	100%	ITGB3	100%
ITGB3BP	100%	ITGB4	99%	ITGB5	99%	ITGB6	98%	ITGB7	100%
ITGB8	100%	ITGBL1	100%	ITIH1	100%	ITIH2	100%	ITIH3	100%
ITIH4	100%	ITIH5	100%	ITIH6	100%	ITK	100%	ITLN1	100%
ITLN2	100%	ITM2A	100%	ITM2B	100%	ITM2C	100%	ITPA	100%
ITPK1	96%	ITPKA	95%	ITPKB	100%	ITPKC	100%	ITPR1	100%
ITPR2	100%	ITPR3	100%	ITPRIP	100%	ITPRIPL1	100%	ITPRIPL2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>ITSN1</i>	99%	<i>ITSN2</i>	100%	<i>IVD</i>	100%	<i>IVL</i>	97%	<i>IVNS1ABP</i>	100%
<i>IWS1</i>	100%	<i>IYD</i>	100%	<i>IZUMO1</i>	100%	<i>IZUMO2</i>	100%	<i>IZUMO4</i>	100%
<i>JAG1</i>	100%	<i>JAG2</i>	98%	<i>JAGN1</i>	100%	<i>JAK1</i>	100%	<i>JAK2</i>	100%
<i>JAK3</i>	100%	<i>JAKMIP1</i>	100%	<i>JAKMIP2</i>	100%	<i>JAKMIP3</i>	99%	<i>JAM2</i>	100%
<i>JAM3</i>	100%	<i>JARID2</i>	100%	<i>JAZF1</i>	100%	<i>JDP2</i>	99%	<i>JHDM1D</i>	100%
<i>JKAMP</i>	100%	<i>JMJD1C</i>	100%	<i>JMJD4</i>	100%	<i>JMJD5</i>	100%	<i>JMJD6</i>	100%
<i>JMJD7</i>	100%	<i>JMJD7-PLA2G4B</i>	100%	<i>JMJD8</i>	100%	<i>JMY</i>	100%	<i>JOSD1</i>	100%
<i>JOSD2</i>	100%	<i>JPH1</i>	100%	<i>JPH2</i>	100%	<i>JPH3</i>	100%	<i>JPH4</i>	96%
<i>JRK</i>	100%	<i>JRKL</i>	100%	<i>JSRP1</i>	99%	<i>JTB</i>	100%	<i>JUN</i>	100%
<i>JUNB</i>	100%	<i>JUND</i>	89%	<i>JUP</i>	100%	<i>KAAG1</i>	100%	<i>KAL1</i>	99%
<i>KALRN</i>	100%	<i>KANK1</i>	100%	<i>KANK2</i>	100%	<i>KANK3</i>	93%	<i>KANK4</i>	100%
<i>KANSL2</i>	100%	<i>KANSL3</i>	100%	<i>KARS</i>	100%	<i>KAT2A</i>	98%	<i>KAT2B</i>	95%
<i>KAT5</i>	100%	<i>KAT6A</i>	100%	<i>KAT6B</i>	100%	<i>KAT7</i>	98%	<i>KAT8</i>	100%
<i>KATNA1</i>	100%	<i>KATNAL1</i>	100%	<i>KATNAL2</i>	100%	<i>KATNB1</i>	100%	<i>KAZALD1</i>	99%
<i>KAZN</i>	93%	<i>KBTBD10</i>	100%	<i>KBTBD11</i>	95%	<i>KBTBD12</i>	100%	<i>KBTBD13</i>	100%
<i>KBTBD2</i>	100%	<i>KBTBD3</i>	100%	<i>KBTBD4</i>	100%	<i>KBTBD5</i>	100%	<i>KBTBD6</i>	100%
<i>KBTBD7</i>	100%	<i>KBTBD8</i>	100%	<i>KCMF1</i>	100%	<i>KCNA1</i>	100%	<i>KCNA10</i>	100%
<i>KCNA2</i>	100%	<i>KCNA3</i>	99%	<i>KCNA4</i>	100%	<i>KCNA5</i>	100%	<i>KCNA6</i>	100%
<i>KCNA7</i>	100%	<i>KCNAB1</i>	100%	<i>KCNAB2</i>	100%	<i>KCNAB3</i>	100%	<i>KCNB1</i>	100%
<i>KCNB2</i>	100%	<i>KCNC1</i>	100%	<i>KCNC2</i>	100%	<i>KCNC3</i>	88%	<i>KCNC4</i>	100%
<i>KCND1</i>	96%	<i>KCND2</i>	100%	<i>KCND3</i>	100%	<i>KCNE1</i>	100%	<i>KCNE1L</i>	100%
<i>KCNE2</i>	100%	<i>KCNE3</i>	100%	<i>KCNE4</i>	100%	<i>KCNF1</i>	100%	<i>KCNG1</i>	100%
<i>KCNG2</i>	98%	<i>KCNG3</i>	100%	<i>KCNG4</i>	100%	<i>KCNH1</i>	100%	<i>KCNH2</i>	98%
<i>KCNH3</i>	100%	<i>KCNH4</i>	99%	<i>KCNH5</i>	100%	<i>KCNH6</i>	100%	<i>KCNH7</i>	100%
<i>KCNH8</i>	100%	<i>KCNIP1</i>	100%	<i>KCNIP2</i>	100%	<i>KCNIP3</i>	100%	<i>KCNIP4</i>	100%
<i>KCNJ1</i>	100%	<i>KCNJ10</i>	100%	<i>KCNJ11</i>	100%	<i>KCNJ12</i>	100%	<i>KCNJ13</i>	100%
<i>KCNJ14</i>	100%	<i>KCNJ15</i>	100%	<i>KCNJ16</i>	100%	<i>KCNJ18</i>	100%	<i>KCNJ2</i>	100%
<i>KCNJ3</i>	100%	<i>KCNJ4</i>	100%	<i>KCNJ5</i>	100%	<i>KCNJ6</i>	100%	<i>KCNJ8</i>	100%
<i>KCNJ9</i>	91%	<i>KCNK1</i>	100%	<i>KCNK10</i>	100%	<i>KCNK12</i>	96%	<i>KCNK13</i>	100%
<i>KCNK15</i>	100%	<i>KCNK16</i>	100%	<i>KCNK17</i>	100%	<i>KCNK18</i>	100%	<i>KCNK2</i>	100%
<i>KCNK3</i>	100%	<i>KCNK4</i>	100%	<i>KCNK5</i>	100%	<i>KCNK6</i>	96%	<i>KCNK7</i>	100%
<i>KCNK9</i>	100%	<i>KCNMA1</i>	100%	<i>KCNMB1</i>	100%	<i>KCNMB2</i>	100%	<i>KCNMB3</i>	98%
<i>KCNMB4</i>	100%	<i>KCNN1</i>	96%	<i>KCNN2</i>	100%	<i>KCNN3</i>	100%	<i>KCNN4</i>	100%
<i>KCNQ1</i>	95%	<i>KCNQ2</i>	100%	<i>KCNQ3</i>	100%	<i>KCNQ4</i>	97%	<i>KCNQ5</i>	99%
<i>KCNRG</i>	89%	<i>KCNS1</i>	100%	<i>KCNS2</i>	100%	<i>KCNS3</i>	100%	<i>KCNT1</i>	100%
<i>KCNT2</i>	100%	<i>KCNU1</i>	100%	<i>KCNV1</i>	100%	<i>KCNV2</i>	100%	<i>KCP</i>	98%
<i>KCTD1</i>	99%	<i>KCTD10</i>	99%	<i>KCTD11</i>	100%	<i>KCTD12</i>	100%	<i>KCTD13</i>	100%
<i>KCTD14</i>	100%	<i>KCTD15</i>	100%	<i>KCTD16</i>	100%	<i>KCTD17</i>	99%	<i>KCTD18</i>	100%
<i>KCTD19</i>	100%	<i>KCTD2</i>	82%	<i>KCTD20</i>	100%	<i>KCTD21</i>	100%	<i>KCTD3</i>	100%

* This data shows the % of coding (including +/-2bp) bases sequenced at >9X depth of coverage (DOC) for each gene. DOC was estimated from 18 representative samples; however, the specific gene coverage in a individual may vary (+/- 2% on average).

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
KCTD4	100%	KCTD5	84%	KCTD6	100%	KCTD7	100%	KCTD8	100%
KCTD9	86%	KDELC1	100%	KDELC2	99%	KDELR1	100%	KDELR2	100%
KDELR3	100%	KDM1A	100%	KDM1B	100%	KDM2A	100%	KDM2B	100%
KDM3A	100%	KDM3B	100%	KDM4A	100%	KDM4B	100%	KDM4C	100%
KDM4D	100%	KDM4DL	100%	KDM5A	100%	KDM5B	100%	KDM5C	99%
KDM5D	60%	KDM6A	99%	KDM6B	98%	KDR	100%	KDSR	100%
KEAP1	100%	KEL	100%	KERA	100%	KHDC1	100%	KHDC1L	100%
KHDRBS1	95%	KHDRBS2	100%	KHDRBS3	100%	KHK	100%	KHNYN	100%
KHSRP	89%	KIAA0020	100%	KIAA0040	84%	KIAA0090	100%	KIAA0100	100%
KIAA0101	100%	KIAA0141	100%	KIAA0146	82%	KIAA0182	100%	KIAA0195	100%
KIAA0196	100%	KIAA0226	100%	KIAA0226L	100%	KIAA0232	100%	KIAA0240	100%
KIAA0247	100%	KIAA0284	100%	KIAA0317	100%	KIAA0319	100%	KIAA0319L	100%
KIAA0355	98%	KIAA0368	98%	KIAA0391	100%	KIAA0408	100%	KIAA0415	100%
KIAA0430	100%	KIAA0494	98%	KIAA0513	100%	KIAA0528	100%	KIAA0556	100%
KIAA0564	100%	KIAA0586	100%	KIAA0664	100%	KIAA0748	99%	KIAA0753	100%
KIAA0754	96%	KIAA0825	100%	KIAA0889	98%	KIAA0895	100%	KIAA0895L	97%
KIAA0907	96%	KIAA0913	100%	KIAA0922	99%	KIAA0930	99%	KIAA0947	100%
KIAA1009	100%	KIAA1024	100%	KIAA1033	100%	KIAA1045	100%	KIAA1107	100%
KIAA1109	100%	KIAA1143	100%	KIAA1147	88%	KIAA1161	100%	KIAA1191	99%
KIAA1199	100%	KIAA1210	99%	KIAA1211	100%	KIAA1217	100%	KIAA1239	100%
KIAA1244	100%	KIAA1257	100%	KIAA1267	100%	KIAA1274	99%	KIAA1279	100%
KIAA1324	100%	KIAA1324L	98%	KIAA1328	99%	KIAA1377	100%	KIAA1383	100%
KIAA1407	100%	KIAA1429	100%	KIAA1430	100%	KIAA1432	100%	KIAA1456	99%
KIAA1462	100%	KIAA1467	100%	KIAA1468	99%	KIAA1522	97%	KIAA1524	100%
KIAA1530	100%	KIAA1549	98%	KIAA1586	96%	KIAA1598	100%	KIAA1609	100%
KIAA1614	99%	KIAA1644	98%	KIAA1671	20%	KIAA1683	100%	KIAA1704	100%
KIAA1715	96%	KIAA1731	100%	KIAA1737	100%	KIAA1751	100%	KIAA1755	100%
KIAA1797	100%	KIAA1804	96%	KIAA1826	100%	KIAA1841	100%	KIAA1919	100%
KIAA1958	99%	KIAA1967	100%	KIAA1984	99%	KIAA2013	78%	KIAA2018	100%
KIAA2022	100%	KIAA2026	100%	KIDINS220	100%	KIF11	100%	KIF12	99%
KIF13A	100%	KIF13B	99%	KIF14	100%	KIF15	100%	KIF16B	100%
KIF17	100%	KIF18A	100%	KIF18B	99%	KIF19	99%	KIF1A	100%
KIF1B	100%	KIF1C	100%	KIF20A	100%	KIF20B	100%	KIF21A	100%
KIF21B	100%	KIF22	100%	KIF23	99%	KIF24	100%	KIF25	98%
KIF26A	99%	KIF26B	100%	KIF27	100%	KIF2A	100%	KIF2B	100%
KIF2C	100%	KIF3A	100%	KIF3B	100%	KIF3C	100%	KIF4A	98%
KIF4B	100%	KIF5A	100%	KIF5B	100%	KIF5C	100%	KIF6	99%
KIF7	98%	KIF9	100%	KIFAP3	100%	KIFC1	100%	KIFC2	99%
KIFC3	98%	KIN	100%	KIR2DL1	92%	KIR2DL3	93%	KIR2DL4	34%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
KIR2DS4	72%	KIR3DL1	80%	KIR3DL2	52%	KIR3DL3	47%	KIRREL	100%
KIRREL2	99%	KIRREL3	100%	KISS1	100%	KISS1R	100%	KIT	100%
KITLG	100%	KL	99%	KLB	100%	KLC1	100%	KLC2	99%
KLC3	100%	KLC4	99%	KLF1	100%	KLF10	100%	KLF11	100%
KLF12	100%	KLF13	81%	KLF14	97%	KLF15	100%	KLF16	70%
KLF17	100%	KLF2	82%	KLF3	100%	KLF4	100%	KLF5	86%
KLF6	100%	KLF7	100%	KLF8	100%	KLF9	100%	KLHDC1	100%
KLHDC10	92%	KLHDC2	97%	KLHDC3	100%	KLHDC4	100%	KLHDC5	100%
KLHDC7A	100%	KLHDC7B	100%	KLHDC8A	99%	KLHDC8B	100%	KLHDC9	100%
KLHL1	100%	KLHL10	100%	KLHL11	100%	KLHL12	98%	KLHL13	100%
KLHL14	100%	KLHL15	100%	KLHL17	96%	KLHL18	100%	KLHL2	100%
KLHL20	100%	KLHL21	100%	KLHL22	100%	KLHL23	100%	KLHL24	100%
KLHL25	100%	KLHL26	100%	KLHL28	100%	KLHL29	100%	KLHL3	100%
KLHL30	98%	KLHL31	100%	KLHL32	100%	KLHL33	99%	KLHL34	100%
KLHL35	94%	KLHL36	100%	KLHL38	100%	KLHL4	100%	KLHL5	99%
KLHL6	100%	KLHL7	100%	KLHL8	98%	KLHL9	100%	KLK1	100%
KLK10	100%	KLK11	100%	KLK12	100%	KLK13	99%	KLK14	99%
KLK15	100%	KLK2	100%	KLK3	100%	KLK4	100%	KLK5	99%
KLK6	100%	KLK7	100%	KLK8	100%	KLK9	99%	KLKB1	100%
KLLN	100%	KLRB1	100%	KLRC1	100%	KLRC2	100%	KLRC3	84%
KLRC4	100%	KLRC4-KLRK1	100%	KLRD1	100%	KLRF1	100%	KLRF2	100%
KLRG1	100%	KLRG2	99%	KLRK1	100%	KMO	100%	KNCN	94%
KNDC1	100%	KNG1	100%	KNTC1	100%	KPNA1	100%	KPNA2	97%
KPNA3	100%	KPNA4	81%	KPNA5	100%	KPNA6	100%	KPNA7	100%
KPNB1	100%	KPRP	100%	KPTN	100%	KRAS	100%	KRBA1	100%
KRBA2	100%	KRCC1	100%	KREMEN1	97%	KREMEN2	93%	KRI1	100%
KRIT1	100%	KRR1	100%	KRT1	100%	KRT10	100%	KRT12	100%
KRT13	100%	KRT14	100%	KRT15	100%	KRT16	92%	KRT17	84%
KRT18	99%	KRT19	100%	KRT2	100%	KRT20	100%	KRT222	100%
KRT23	100%	KRT24	100%	KRT25	100%	KRT26	100%	KRT27	100%
KRT28	100%	KRT3	100%	KRT31	100%	KRT32	100%	KRT33A	99%
KRT33B	99%	KRT34	99%	KRT35	100%	KRT36	100%	KRT37	100%
KRT38	100%	KRT39	100%	KRT4	100%	KRT40	100%	KRT5	100%
KRT6A	94%	KRT6B	98%	KRT6C	83%	KRT7	100%	KRT71	100%
KRT72	100%	KRT73	100%	KRT74	100%	KRT75	100%	KRT76	100%
KRT77	100%	KRT78	100%	KRT79	100%	KRT8	94%	KRT80	100%
KRT81	78%	KRT82	100%	KRT83	100%	KRT84	99%	KRT85	100%
KRT86	77%	KRT9	100%	KRTAP10-1	100%	KRTAP10-10	100%	KRTAP10-11	100%
KRTAP10-12	100%	KRTAP10-2	100%	KRTAP10-3	100%	KRTAP10-4	94%	KRTAP10-5	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>KRTAP10-6</i>	96%	<i>KRTAP10-7</i>	97%	<i>KRTAP10-8</i>	100%	<i>KRTAP10-9</i>	99%	<i>KRTAP1-1</i>	100%
<i>KRTAP11-1</i>	100%	<i>KRTAP12-1</i>	100%	<i>KRTAP12-2</i>	100%	<i>KRTAP12-3</i>	100%	<i>KRTAP12-4</i>	99%
<i>KRTAP1-3</i>	100%	<i>KRTAP13-1</i>	100%	<i>KRTAP13-2</i>	100%	<i>KRTAP13-3</i>	100%	<i>KRTAP13-4</i>	100%
<i>KRTAP1-5</i>	100%	<i>KRTAP15-1</i>	100%	<i>KRTAP16-1</i>	100%	<i>KRTAP17-1</i>	100%	<i>KRTAP19-1</i>	100%
<i>KRTAP19-2</i>	100%	<i>KRTAP19-3</i>	100%	<i>KRTAP19-4</i>	100%	<i>KRTAP19-5</i>	100%	<i>KRTAP19-6</i>	100%
<i>KRTAP19-7</i>	100%	<i>KRTAP19-8</i>	100%	<i>KRTAP20-1</i>	100%	<i>KRTAP20-2</i>	100%	<i>KRTAP20-3</i>	100%
<i>KRTAP2-1</i>	10%	<i>KRTAP21-1</i>	100%	<i>KRTAP21-2</i>	100%	<i>KRTAP21-3</i>	100%	<i>KRTAP2-2</i>	0%
<i>KRTAP22-1</i>	100%	<i>KRTAP22-2</i>	100%	<i>KRTAP23-1</i>	100%	<i>KRTAP2-4</i>	30%	<i>KRTAP24-1</i>	100%
<i>KRTAP25-1</i>	100%	<i>KRTAP26-1</i>	100%	<i>KRTAP27-1</i>	100%	<i>KRTAP3-1</i>	100%	<i>KRTAP3-2</i>	100%
<i>KRTAP3-3</i>	100%	<i>KRTAP4-1</i>	100%	<i>KRTAP4-11</i>	100%	<i>KRTAP4-12</i>	100%	<i>KRTAP4-2</i>	100%
<i>KRTAP4-3</i>	97%	<i>KRTAP4-4</i>	100%	<i>KRTAP4-5</i>	100%	<i>KRTAP4-7</i>	99%	<i>KRTAP4-8</i>	100%
<i>KRTAP4-9</i>	100%	<i>KRTAP5-1</i>	92%	<i>KRTAP5-10</i>	92%	<i>KRTAP5-11</i>	100%	<i>KRTAP5-2</i>	99%
<i>KRTAP5-3</i>	98%	<i>KRTAP5-4</i>	88%	<i>KRTAP5-5</i>	86%	<i>KRTAP5-6</i>	99%	<i>KRTAP5-7</i>	100%
<i>KRTAP5-8</i>	99%	<i>KRTAP5-9</i>	99%	<i>KRTAP6-1</i>	100%	<i>KRTAP6-2</i>	100%	<i>KRTAP6-3</i>	100%
<i>KRTAP7-1</i>	100%	<i>KRTAP8-1</i>	100%	<i>KRTAP9-1</i>	95%	<i>KRTAP9-2</i>	98%	<i>KRTAP9-3</i>	96%
<i>KRTAP9-4</i>	94%	<i>KRTAP9-8</i>	94%	<i>KRTAP9-9</i>	88%	<i>KRTCAP2</i>	100%	<i>KRTCAP3</i>	100%
<i>KRTDAP</i>	100%	<i>KSR1</i>	100%	<i>KSR2</i>	100%	<i>KTI12</i>	100%	<i>KTN1</i>	100%
<i>KXD1</i>	100%	<i>KY</i>	100%	<i>KYNU</i>	100%	<i>L1CAM</i>	100%	<i>L1TD1</i>	100%
<i>L2HGDH</i>	100%	<i>L3MBTL1</i>	100%	<i>L3MBTL2</i>	100%	<i>L3MBTL3</i>	100%	<i>L3MBTL4</i>	100%
<i>LACC1</i>	100%	<i>LACE1</i>	100%	<i>LACRT</i>	100%	<i>LACTB</i>	99%	<i>LACTB2</i>	100%
<i>LAD1</i>	100%	<i>LAG3</i>	89%	<i>LAGE3</i>	90%	<i>LAIR1</i>	100%	<i>LAIR2</i>	100%
<i>LALBA</i>	100%	<i>LAMA1</i>	100%	<i>LAMA2</i>	100%	<i>LAMA3</i>	100%	<i>LAMA4</i>	100%
<i>LAMA5</i>	98%	<i>LAMB1</i>	100%	<i>LAMB2</i>	100%	<i>LAMB3</i>	100%	<i>LAMB4</i>	100%
<i>LAMC1</i>	100%	<i>LAMC2</i>	100%	<i>LAMC3</i>	99%	<i>LAMP1</i>	97%	<i>LAMP2</i>	100%
<i>LAMP3</i>	100%	<i>LAMP5</i>	100%	<i>LAMTOR1</i>	100%	<i>LAMTOR2</i>	100%	<i>LAMTOR3</i>	100%
<i>LANCL1</i>	100%	<i>LANCL2</i>	100%	<i>LANCL3</i>	83%	<i>LAP3</i>	100%	<i>LAPTM4A</i>	100%
<i>LAPTM4B</i>	97%	<i>LAPTM5</i>	96%	<i>LARGE</i>	100%	<i>LARP1</i>	100%	<i>LARP1B</i>	98%
<i>LARP4</i>	96%	<i>LARP4B</i>	100%	<i>LARP6</i>	100%	<i>LARP7</i>	90%	<i>LARS</i>	100%
<i>LARS2</i>	100%	<i>LAS1L</i>	100%	<i>LASP1</i>	98%	<i>LAT</i>	100%	<i>LAT2</i>	100%
<i>LATS1</i>	100%	<i>LATS2</i>	98%	<i>LAX1</i>	100%	<i>LAYN</i>	99%	<i>LBH</i>	100%
<i>LBP</i>	100%	<i>LBR</i>	100%	<i>LBX1</i>	100%	<i>LBX2</i>	100%	<i>LCA5</i>	100%
<i>LCA5L</i>	100%	<i>LCAT</i>	100%	<i>LCE1A</i>	100%	<i>LCE1B</i>	100%	<i>LCE1C</i>	99%
<i>LCE1D</i>	92%	<i>LCE1E</i>	97%	<i>LCE1F</i>	100%	<i>LCE2A</i>	100%	<i>LCE2B</i>	100%
<i>LCE2C</i>	100%	<i>LCE2D</i>	100%	<i>LCE3A</i>	100%	<i>LCE3B</i>	50%	<i>LCE3C</i>	50%
<i>LCE3D</i>	100%	<i>LCE3E</i>	100%	<i>LCE4A</i>	100%	<i>LCE5A</i>	100%	<i>LCE6A</i>	100%
<i>LCK</i>	100%	<i>LCLAT1</i>	100%	<i>LCMT1</i>	100%	<i>LCMT2</i>	100%	<i>LCN1</i>	99%
<i>LCN10</i>	100%	<i>LCN12</i>	100%	<i>LCN15</i>	100%	<i>LCN2</i>	100%	<i>LCN6</i>	100%
<i>LCN8</i>	100%	<i>LCN9</i>	100%	<i>LCNL1</i>	100%	<i>LCOR</i>	100%	<i>LCORL</i>	100%
<i>LCP1</i>	100%	<i>LCP2</i>	100%	<i>LCT</i>	100%	<i>LCTL</i>	99%	<i>LDB1</i>	100%

* This data shows the % of coding (including +/-2bp) bases sequenced at >9X depth of coverage (DOC) for each gene. DOC was estimated from 18 representative samples; however, the specific gene coverage in a individual may vary (+/- 2% on average).

Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
LDB2	100%	LDB3	100%	LDHA	100%	LDHAL6A	99%	LDHAL6B	100%
LDHB	98%	LDHC	100%	LDHD	100%	LDLR	100%	LDLRAD1	99%
LDLRAD2	100%	LDLRAD3	96%	LDLRAP1	100%	LDOC1	100%	LDOC1L	100%
LEAP2	100%	LECT1	99%	LECT2	100%	LEF1	100%	LEFTY1	89%
LEFTY2	92%	LEKR1	99%	LELP1	99%	LEMD1	100%	LEMD2	99%
LEMD3	100%	LENEP	100%	LENG1	100%	LENG8	100%	LENG9	96%
LEO1	100%	LEP	100%	LEPR	97%	LEPRE1	100%	LEPREL1	100%
LEPREL2	92%	LEPREL4	100%	LEPROT	100%	LEPROTL1	100%	LETM1	99%
LETM2	100%	LETMD1	100%	LEUTX	100%	LFNG	87%	LGALS1	98%
LGALS12	100%	LGALS13	100%	LGALS14	100%	LGALS16	100%	LGALS2	100%
LGALS3	99%	LGALS3BP	100%	LGALS4	100%	LGALS7	12%	LGALS7B	46%
LGALS8	97%	LGALS9	77%	LGALS9B	68%	LGALS9C	71%	LGALSL	100%
LGI1	100%	LGI2	100%	LGI3	97%	LGI4	100%	LGMN	98%
LGR4	98%	LGR5	100%	LGR6	98%	LGSN	100%	LHB	94%
LHCGR	100%	LHFP	100%	LHFPL1	99%	LHFPL2	100%	LHFPL3	100%
LHFPL4	100%	LHFPL5	100%	LHPP	99%	LHX1	100%	LHX2	100%
LHX3	100%	LHX4	100%	LHX5	100%	LHX6	99%	LHX8	100%
LHX9	100%	LIAS	100%	LIF	100%	LIFR	100%	LIG1	100%
LIG3	100%	LIG4	100%	LILRA1	100%	LILRA2	100%	LILRA3	95%
LILRA4	100%	LILRA5	100%	LILRA6	96%	LILRB1	93%	LILRB2	100%
LILRB3	73%	LILRB4	92%	LILRB5	100%	LIM2	100%	LIMA1	100%
LIMCH1	100%	LIMD1	100%	LIMD2	100%	LIME1	99%	LIMK1	100%
LIMK2	98%	LIMS1	38%	LIMS2	93%	LIMS3	0%	LIMS3L	0%
LIN28A	100%	LIN28B	100%	LIN37	100%	LIN52	100%	LIN54	100%
LIN7A	100%	LIN7B	95%	LIN7C	100%	LIN9	100%	LINGO1	100%
LINGO2	100%	LINGO3	100%	LINGO4	100%	LINS	100%	LIPA	100%
LIPC	100%	LIPE	99%	LIPF	100%	LIPG	100%	LIPH	100%
LIPI	100%	LIPJ	99%	LIPK	100%	LIPM	100%	LIPN	100%
LIPT1	100%	LIPT2	96%	LITAF	100%	LIX1	94%	LIX1L	95%
LLGL1	100%	LLGL2	99%	LLPH	96%	LMAN1	100%	LMAN1L	96%
LMAN2	100%	LMAN2L	100%	LMBR1	100%	LMBR1L	100%	LMBRD1	100%
LMBRD2	100%	LMCD1	99%	LMF1	100%	LMF2	100%	LMLN	100%
LMNA	99%	LMNB1	100%	LMNB2	99%	LMO1	100%	LMO2	99%
LMO3	100%	LMO4	100%	LMO7	100%	LMOD1	100%	LMOD2	100%
LMOD3	100%	LMTK2	100%	LMTK3	95%	LMX1A	100%	LMX1B	100%
LNP1	100%	LNPEP	99%	LNK1	100%	LNK2	100%	LOC100127983	100%
LOC100128071	98%	LOC100129480	99%	LOC100129520	100%	LOC100129636	100%	LOC100130705	100%
LOC100130890	94%	LOC100132146	100%	LOC100132247	0%	LOC100132396	0%	LOC100133267	0%
LOC100287177	100%	LOC100287482	100%	LOC100287718	98%	LOC100288255	10%	LOC100288524	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
LOC100288814	100%	LOC100289187	100%	LOC100293534	16%	LOC100329135	100%	LOC100500938	98%
LOC100505478	100%	LOC100505841	100%	LOC100506888	24%	LOC100507003	100%	LOC100507050	90%
LOC100507055	100%	LOC100507096	98%	LOC100507203	100%	LOC100507421	100%	LOC100507588	88%
LOC147646	100%	LOC147670	98%	LOC154872	100%	LOC200726	100%	LOC285033	99%
LOC286238	100%	LOC347411	100%	LOC375190	99%	LOC388588	100%	LOC388630	96%
LOC388946	100%	LOC389493	96%	LOC390940	100%	LOC391322	72%	LOC399939	0%
LOC401052	100%	LOC402160	97%	LOC440563	100%	LOC643037	87%	LOC644100	100%
LOC646498	100%	LOC646508	97%	LOC646627	100%	LOC646851	100%	LOC646862	90%
LOC647589	100%	LOC649330	98%	LOC650293	100%	LOC653486	100%	LOC728369	0%
LOC728373	0%	LOC728379	0%	LOC728392	100%	LOC728393	0%	LOC728400	0%
LOC728405	0%	LOC728819	100%	LOC729020	100%	LOC730159	100%	LOC730755	28%
LOC81691	100%	LOH12CR1	100%	LONP1	100%	LONP2	100%	LONRF1	97%
LONRF2	87%	LONRF3	100%	LOR	98%	LOX	100%	LOXHD1	100%
LOXL1	96%	LOXL2	100%	LOXL3	100%	LOXL4	99%	LPA	67%
LPAR1	100%	LPAR2	100%	LPAR3	100%	LPAR4	100%	LPAR5	100%
LPAR6	100%	LPCAT1	98%	LPCAT2	100%	LPCAT3	100%	LPCAT4	97%
LPGAT1	100%	LPHN1	98%	LPHN2	100%	LPHN3	100%	LPIN1	100%
LPIN2	100%	LPIN3	100%	LPL	100%	LPO	100%	LPP	100%
LPPR1	100%	LPPR2	100%	LPPR3	91%	LPPR4	99%	LPPR5	100%
LPXN	100%	LRAT	100%	LRBA	100%	LRCH1	100%	LRCH2	94%
LRCH3	100%	LRCH4	100%	LRFN1	100%	LRFN2	100%	LRFN3	98%
LRFN4	100%	LRFN5	100%	LRG1	100%	LRGUK	100%	LRIF1	100%
LRIG1	100%	LRIG2	100%	LRIG3	100%	LRIT1	100%	LRIT2	100%
LRIT3	100%	LRMP	100%	LRP1	100%	LRP10	100%	LRP11	97%
LRP12	100%	LRP1B	100%	LRP2	100%	LRP2BP	100%	LRP3	99%
LRP4	100%	LRP5	100%	LRP5L	100%	LRP6	100%	LRP8	99%
LRPAP1	100%	LRPPRC	100%	LRR1	99%	LRRC1	100%	LRRC10	100%
LRRC10B	98%	LRRC14	100%	LRRC14B	100%	LRRC15	100%	LRRC16A	100%
LRRC16B	99%	LRRC17	100%	LRRC18	100%	LRRC19	100%	LRRC2	100%
LRRC20	100%	LRRC23	100%	LRRC24	99%	LRRC25	100%	LRRC26	98%
LRRC27	98%	LRRC28	97%	LRRC29	99%	LRRC3	100%	LRRC30	100%
LRRC31	100%	LRRC32	100%	LRRC33	100%	LRRC34	100%	LRRC36	100%
LRRC37A	13%	LRRC37A2	27%	LRRC37A3	47%	LRRC37B	89%	LRRC38	97%
LRRC39	100%	LRRC3B	100%	LRRC3C	100%	LRRC4	100%	LRRC40	100%
LRRC41	100%	LRRC42	100%	LRRC43	100%	LRRC45	98%	LRRC46	100%
LRRC47	96%	LRRC48	100%	LRRC49	100%	LRRC4B	100%	LRRC4C	100%
LRRC52	100%	LRRC55	100%	LRRC56	100%	LRRC57	100%	LRRC58	99%
LRRC59	99%	LRRC6	100%	LRRC61	100%	LRRC66	100%	LRRC69	99%
LRRC7	100%	LRRC70	100%	LRRC71	99%	LRRC72	99%	LRRC73	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
LRRC8A	100%	LRRC8B	100%	LRRC8C	100%	LRRC8D	100%	LRRC8E	100%
LRRCC1	100%	LRRD1	100%	LRRFIP1	100%	LRRFIP2	100%	LRRIQ1	100%
LRRIQ3	99%	LRRIQ4	100%	LRRK1	99%	LRRK2	100%	LRRN1	100%
LRRN2	100%	LRRN3	100%	LRRN4	100%	LRRN4CL	100%	LRRTM1	100%
LRRTM2	100%	LRRTM3	100%	LRRTM4	100%	LRSAM1	100%	LRTM1	100%
LRTM2	100%	LRTOMT	100%	LRWD1	100%	LSAMP	100%	LSG1	100%
LSM1	100%	LSM10	100%	LSM11	99%	LSM12	83%	LSM14A	99%
LSM14B	100%	LSM2	100%	LSM3	83%	LSM4	100%	LSM5	100%
LSM6	100%	LSM7	100%	LSMD1	100%	LSP1	85%	LSR	100%
LSS	100%	LST1	99%	LTA	100%	LTA4H	100%	LTB	100%
LTB4R	94%	LTB4R2	100%	LTBP1	99%	LTBP2	100%	LTBP3	100%
LTBP4	99%	LTBR	99%	LTC4S	89%	LTF	100%	LTK	98%
LTN1	100%	LTV1	100%	LUC7L	98%	LUC7L2	100%	LUC7L3	100%
LUM	100%	LUZP1	100%	LUZP2	100%	LUZP4	94%	LUZP6	100%
LXN	100%	LY6D	100%	LY6E	100%	LY6G5B	100%	LY6G5C	96%
LY6G6C	100%	LY6G6D	100%	LY6G6F	100%	LY6H	84%	LY6K	100%
LY75	100%	LY75-CD302	100%	LY86	100%	LY9	100%	LY96	100%
LYAR	100%	LYG1	100%	LYG2	100%	LYL1	98%	LYN	100%
LYNX1	100%	LYPD1	100%	LYPD2	100%	LYPD3	100%	LYPD4	100%
LYPD5	100%	LYPD6	100%	LYPD6B	100%	LYPLA1	85%	LYPLA2	99%
LYPLAL1	100%	LYRM1	100%	LYRM2	100%	LYRM4	68%	LYRM5	96%
LYRM7	100%	LYSMD1	100%	LYSMD2	84%	LYSMD3	100%	LYSMD4	94%
LYST	100%	LYVE1	100%	LYZ	100%	LYZL1	99%	LYZL2	100%
LYZL4	100%	LYZL6	100%	LZIC	99%	LZTFL1	100%	LZTR1	100%
LZTS1	100%	LZTS2	100%	M6PR	100%	MAB21L1	100%	MAB21L2	100%
MAB21L3	100%	MACC1	100%	MACF1	100%	MACROD1	95%	MACROD2	100%
MAD1L1	100%	MAD2L1	96%	MAD2L1BP	87%	MAD2L2	100%	MADCAM1	90%
MADD	100%	MAEA	100%	MAEL	100%	MAF	85%	MAF1	100%
MAFA	99%	MAFB	100%	MAFF	100%	MAFG	100%	MAFK	100%
MAG	100%	MAGEA1	100%	MAGEA10	100%	MAGEA10-MAGEA5	100%	MAGEA11	100%
MAGEA12	100%	MAGEA2	0%	MAGEA2B	0%	MAGEA3	89%	MAGEA4	100%
MAGEA5	100%	MAGEA6	87%	MAGEA8	100%	MAGEA9	6%	MAGEA9B	6%
MAGEB1	100%	MAGEB10	100%	MAGEB16	100%	MAGEB18	100%	MAGEB2	100%
MAGEB3	100%	MAGEB4	100%	MAGEB6	100%	MAGEC1	100%	MAGEC2	100%
MAGEC3	99%	MAGED1	99%	MAGED2	99%	MAGED4	1%	MAGED4B	2%
MAGEE1	100%	MAGEE2	100%	MAGEF1	100%	MAGEH1	100%	MAGEL2	100%
MAGI1	100%	MAGI2	95%	MAGI3	100%	MAGIX	97%	MAGOH	97%
MAGOHB	100%	MAGT1	100%	MAK	100%	MAK16	100%	MAL	100%
MAL2	98%	MALL	59%	MALT1	95%	MAMDC2	100%	MAMDC4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
MAML1	98%	MAML2	100%	MAML3	100%	MAMLD1	100%	MAMSTR	99%
MAN1A1	100%	MAN1A2	100%	MAN1B1	100%	MAN1C1	100%	MAN2A1	100%
MAN2A2	100%	MAN2B1	100%	MAN2B2	100%	MAN2C1	99%	MANBA	100%
MANBAL	100%	MANEA	100%	MANEAL	99%	MANF	100%	MANSC1	100%
MANSC4	99%	MAOA	100%	MAOB	100%	MAP1A	100%	MAP1B	100%
MAP1LC3A	100%	MAP1LC3B	100%	MAP1LC3B2	100%	MAP1LC3C	100%	MAP1S	99%
MAP2	100%	MAP2K1	100%	MAP2K2	100%	MAP2K3	100%	MAP2K4	96%
MAP2K5	100%	MAP2K6	100%	MAP2K7	99%	MAP3K1	98%	MAP3K10	97%
MAP3K11	98%	MAP3K12	100%	MAP3K13	100%	MAP3K14	100%	MAP3K15	96%
MAP3K2	100%	MAP3K3	100%	MAP3K4	100%	MAP3K5	100%	MAP3K6	97%
MAP3K7	100%	MAP3K8	100%	MAP3K9	100%	MAP4	100%	MAP4K1	98%
MAP4K2	100%	MAP4K3	100%	MAP4K4	100%	MAP4K5	100%	MAP6	98%
MAP6D1	90%	MAP7	100%	MAP7D1	97%	MAP7D2	99%	MAP7D3	98%
MAP9	100%	MAPK1	100%	MAPK10	100%	MAPK11	100%	MAPK12	100%
MAPK13	100%	MAPK14	100%	MAPK15	100%	MAPK1IP1L	100%	MAPK3	99%
MAPK4	100%	MAPK6	63%	MAPK7	100%	MAPK8	100%	MAPK8IP1	99%
MAPK8IP2	98%	MAPK8IP3	100%	MAPK9	100%	MAPKAP1	100%	MAPKAPK2	93%
MAPKAPK3	99%	MAPKAPK5	100%	MAPKBP1	100%	MAPRE1	100%	MAPRE2	100%
MAPRE3	100%	MAPT	99%	MARC1	96%	MARC2	98%	MARCH1	100%
MARCH10	100%	MARCH11	81%	MARCH2	96%	MARCH3	100%	MARCH4	100%
MARCH5	100%	MARCH6	100%	MARCH7	100%	MARCH8	100%	MARCH9	82%
MARCKS	74%	MARCKSL1	92%	MARCO	99%	MARK1	99%	MARK2	100%
MARK3	100%	MARK4	100%	MARS	100%	MARS2	100%	MARVELD1	98%
MARVELD2	100%	MARVELD3	99%	MAS1	100%	MAS1L	100%	MASP1	100%
MASP2	100%	MAST1	100%	MAST2	97%	MAST3	96%	MAST4	100%
MASTL	100%	MAT1A	100%	MAT2A	99%	MAT2B	100%	MATK	100%
MATN1	100%	MATN2	100%	MATN3	90%	MATN4	98%	MATR3	98%
MAU2	100%	MAVS	100%	MAX	100%	MAZ	91%	MB	100%
MB21D1	98%	MB21D2	100%	MBD1	100%	MBD2	81%	MBD3	100%
MBD3L1	100%	MBD3L2	5%	MBD3L3	1%	MBD3L4	1%	MBD3L5	0%
MBD4	100%	MBD5	100%	MBD6	100%	MBIP	100%	MBL2	100%
MBLAC1	100%	MBLAC2	100%	MBNL1	100%	MBNL2	100%	MBNL3	95%
MBOAT1	100%	MBOAT2	100%	MBOAT4	98%	MBOAT7	100%	MBP	99%
MBTD1	100%	MBTPS1	100%	MBTPS2	100%	MC1R	100%	MC2R	100%
MC3R	100%	MC4R	100%	MC5R	100%	MCAM	100%	MCART1	92%
MCART2	91%	MCART6	100%	MCAT	95%	MCC	100%	MCCC1	100%
MCCC2	100%	MCCD1	99%	MCEE	100%	MCF2	97%	MCF2L	100%
MCF2L2	100%	MCFD2	97%	MCHR1	100%	MCHR2	100%	MCL1	100%
MCM10	100%	MCM2	100%	MCM3	99%	MCM3AP	100%	MCM4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
MCM5	100%	MCM6	100%	MCM7	100%	MCM8	100%	MCM9	100%
MCMBP	100%	MCOLN1	100%	MCOLN2	100%	MCOLN3	98%	MCPH1	100%
MCRS1	99%	MCTP1	99%	MCTP2	100%	MCTS1	98%	MCU	94%
MDC1	100%	MDFI	99%	MDFIC	94%	MDGA1	99%	MDGA2	100%
MDH1	100%	MDH1B	100%	MDH2	100%	MDK	100%	MDM1	99%
MDM2	100%	MDM4	100%	MDN1	100%	MDP1	100%	ME1	100%
ME2	100%	ME3	100%	MEA1	100%	MEAF6	100%	MECOM	100%
MECP2	100%	MECR	100%	MED1	100%	MED10	100%	MED11	100%
MED12	100%	MED12L	100%	MED13	100%	MED13L	100%	MED14	98%
MED15	98%	MED16	100%	MED17	100%	MED18	100%	MED19	92%
MED20	100%	MED21	100%	MED22	100%	MED23	100%	MED24	100%
MED25	100%	MED26	100%	MED27	95%	MED28	100%	MED29	100%
MED30	100%	MED31	100%	MED4	100%	MED6	100%	MED7	100%
MED8	100%	MED9	92%	MEF2A	100%	MEF2B	99%	MEF2BNB	99%
MEF2BNB-MEF2B	99%	MEF2C	100%	MEF2D	100%	MEFV	100%	MEGF10	100%
MEGF11	100%	MEGF6	100%	MEGF8	100%	MEGF9	100%	MEI1	100%
MEIG1	100%	MEIS1	100%	MEIS2	100%	MEIS3	98%	MELK	100%
MEMO1	78%	MEN1	100%	MEOX1	99%	MEOX2	100%	MEP1A	90%
MEP1B	100%	MEPCE	100%	MEPE	100%	MERTK	100%	MESDC1	100%
MESDC2	100%	MESP1	100%	MESP2	96%	MEST	100%	MET	100%
METAP1	100%	METAP1D	100%	METAP2	100%	METRNL	88%	METRNL	83%
METTL1	98%	METTL10	99%	METTL11A	100%	METTL11B	100%	METTL12	100%
METTL13	100%	METTL14	100%	METTL15	98%	METTL16	100%	METTL17	100%
METTL18	99%	METTL19	100%	METTL20	100%	METTL21A	100%	METTL21B	100%
METTL21C	100%	METTL21D	97%	METTL22	100%	METTL23	100%	METTL2A	100%
METTL2B	100%	METTL3	100%	METTL4	100%	METTL5	100%	METTL6	100%
METTL7A	100%	METTL7B	100%	METTL8	98%	METTL9	100%	MEX3A	95%
MEX3B	100%	MEX3C	89%	MEX3D	80%	MFAP1	100%	MFAP2	93%
MFAP3	100%	MFAP3L	100%	MFAP4	100%	MFAP5	100%	MFF	96%
MFGE8	100%	MFHAS1	100%	MFI2	97%	MFN1	96%	MFN2	100%
MFNG	100%	MFRP	100%	MFSD1	100%	MFSD10	100%	MFSD11	100%
MFSD12	100%	MFSD2A	100%	MFSD2B	95%	MFSD3	100%	MFSD4	98%
MFSD5	99%	MFSD6	100%	MFSD6L	100%	MFSD7	100%	MFSD8	100%
MFSD9	100%	MGA	100%	MGAM	100%	MGAT1	100%	MGAT2	100%
MGAT3	100%	MGAT4A	100%	MGAT4B	100%	MGAT4C	100%	MGAT5	100%
MGAT5B	100%	MGEA5	98%	MGLL	100%	MGMT	100%	MGP	100%
MGRN1	100%	MGST1	100%	MGST2	100%	MGST3	100%	MIA	100%
MIA2	100%	MIA3	100%	MIB1	100%	MIB2	98%	MICA	93%
MICAL1	100%	MICAL2	100%	MICAL3	98%	MICALCL	100%	MICALL1	98%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
MICALL2	100%	MICB	100%	MICU1	100%	MID1	100%	MID1IP1	100%
MID2	100%	MIDN	97%	MIEN1	100%	MIER1	100%	MIER2	99%
MIER3	100%	MIF	100%	MIF4GD	100%	MIIP	100%	MILR1	100%
MINA	100%	MINK1	99%	MINOS1	90%	MINPP1	100%	MIOS	100%
MIOX	98%	MIP	100%	MIPEP	99%	MIPOL1	100%	MIR205HG	100%
MIS12	100%	MIS18A	100%	MIS18BP1	99%	MITD1	98%	MITF	100%
MIXL1	97%	MKI67	100%	MKI67IP	96%	MKKS	100%	MKL1	100%
MKL2	100%	MKLN1	100%	MKNK1	97%	MKNK2	100%	MKRN1	98%
MKRN2	100%	MKRN3	100%	MKS1	100%	MKX	100%	MLANA	100%
MLC1	100%	MLEC	99%	MLF1	100%	MLF1IP	100%	MLF2	100%
MLH1	100%	MLH3	100%	MLIP	100%	MLKL	100%	MLL	100%
MLL2	100%	MLL3	92%	MLL4	95%	MLL5	100%	MLLT1	95%
MLLT10	97%	MLLT11	100%	MLLT3	100%	MLLT4	100%	MLLT6	97%
MLN	100%	MLNR	100%	MLPH	100%	MLST8	100%	MLX	98%
MLXIP	100%	MLXIPL	99%	MLYCD	98%	MMAA	100%	MMAB	100%
MMACHC	100%	MMADHC	100%	MMD	100%	MMD2	99%	MME	100%
MMEL1	100%	MMGT1	100%	MMP1	100%	MMP10	100%	MMP11	93%
MMP12	100%	MMP13	100%	MMP14	100%	MMP15	99%	MMP16	100%
MMP17	94%	MMP19	100%	MMP2	100%	MMP20	100%	MMP21	96%
MMP23B	11%	MMP24	88%	MMP25	99%	MMP26	100%	MMP27	100%
MMP28	100%	MMP3	100%	MMP7	100%	MMP8	100%	MMP9	100%
MMRN1	100%	MMRN2	100%	MMS19	100%	MMS22L	100%	MN1	100%
MNAT1	100%	MND1	100%	MNDA	100%	MNS1	100%	MNT	99%
MNX1	79%	MOAP1	100%	MOB1A	100%	MOB1B	100%	MOB2	100%
MOB3A	100%	MOB3B	100%	MOB3C	100%	MOB4	95%	MOBP	100%
MOCOS	100%	MOCs1	98%	MOCs2	100%	MOCs3	100%	MOG	100%
MOGAT1	100%	MOGAT2	100%	MOGAT3	100%	MOGS	100%	MOK	100%
MON1A	100%	MON1B	100%	MON2	100%	MORC1	99%	MORC2	100%
MORC3	100%	MORC4	97%	MORF4L1	95%	MORF4L2	100%	MORN1	100%
MORN2	100%	MORN3	100%	MORN4	100%	MORN5	100%	MOS	100%
MOSPD1	100%	MOSPD2	99%	MOSPD3	100%	MOV10	100%	MOV10L1	100%
MOXD1	100%	MPDU1	100%	MPDZ	100%	MPEG1	100%	MPG	98%
MPHOSPH10	99%	MPHOSPH6	99%	MPHOSPH8	100%	MPHOSPH9	100%	MPI	100%
MPL	100%	MPND	91%	MPO	100%	MPP1	99%	MPP2	99%
MPP3	100%	MPP4	100%	MPP5	100%	MPP6	100%	MPP7	96%
MPPE1	100%	MPPED1	100%	MPPED2	100%	MPRIIP	96%	MPST	100%
MPV17	100%	MPV17L	98%	MPV17L2	94%	MPZ	100%	MPZL1	100%
MPZL2	100%	MPZL3	100%	MR1	100%	MRAP	100%	MRAP2	100%
MRAS	100%	MRC1	22%	MRC2	100%	MRE11A	100%	MREG	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
MRFAP1	100%	MRFAP1L1	100%	MRGPRD	100%	MRGPRE	100%	MRGPRF	99%
MRGPRG	99%	MRGPRX1	100%	MRGPRX2	100%	MRGPRX3	100%	MRGPRX4	100%
MRI1	98%	MRM1	100%	MRO	100%	MRP63	100%	MRPL1	99%
MRPL10	90%	MRPL11	99%	MRPL12	100%	MRPL13	100%	MRPL14	100%
MRPL15	100%	MRPL16	100%	MRPL17	100%	MRPL18	100%	MRPL19	99%
MRPL2	100%	MRPL20	100%	MRPL21	100%	MRPL22	100%	MRPL23	100%
MRPL24	100%	MRPL27	100%	MRPL28	100%	MRPL3	93%	MRPL30	100%
MRPL32	100%	MRPL33	100%	MRPL34	100%	MRPL35	100%	MRPL36	100%
MRPL37	100%	MRPL38	100%	MRPL39	99%	MRPL4	99%	MRPL40	100%
MRPL41	100%	MRPL42	100%	MRPL43	99%	MRPL44	100%	MRPL45	100%
MRPL46	100%	MRPL47	99%	MRPL48	100%	MRPL49	98%	MRPL50	100%
MRPL51	97%	MRPL52	100%	MRPL53	100%	MRPL54	100%	MRPL55	100%
MRPL9	99%	MRPS10	97%	MRPS11	100%	MRPS12	100%	MRPS14	100%
MRPS15	100%	MRPS16	100%	MRPS17	100%	MRPS18A	100%	MRPS18B	100%
MRPS18C	99%	MRPS2	100%	MRPS21	99%	MRPS22	100%	MRPS23	100%
MRPS24	100%	MRPS25	100%	MRPS26	100%	MRPS27	100%	MRPS28	100%
MRPS30	100%	MRPS31	96%	MRPS33	98%	MRPS34	100%	MRPS35	97%
MRPS36	94%	MRPS5	99%	MRPS6	100%	MRPS7	100%	MRPS9	99%
MRRF	100%	MRS2	99%	MRT04	99%	MRVI1	100%	MS4A1	100%
MS4A10	100%	MS4A12	100%	MS4A13	100%	MS4A14	100%	MS4A15	98%
MS4A2	100%	MS4A3	100%	MS4A4A	100%	MS4A5	100%	MS4A6A	99%
MS4A6E	100%	MS4A7	100%	MS4A8B	100%	MSC	100%	MSGN1	100%
MSH2	100%	MSH3	100%	MSH4	100%	MSH5	100%	MSH6	100%
MSI1	98%	MSI2	95%	MSL1	100%	MSL2	100%	MSL3	92%
MSLN	100%	MSLNL	99%	MSMB	100%	MSMO1	100%	MSMP	100%
MSN	97%	MSR1	100%	MSRA	100%	MSRB2	90%	MSRB3	100%
MST1	97%	MST1R	100%	MST4	99%	MSTN	100%	MSTO1	67%
MSX1	100%	MSX2	100%	MT1A	100%	MT1B	100%	MT1E	100%
MT1F	100%	MT1G	100%	MT1H	100%	MT1M	100%	MT1X	100%
MT2A	100%	MT3	100%	MT4	100%	MTA1	98%	MTA2	100%
MTA3	100%	MTAP	100%	MTBP	100%	MTCH1	92%	MTCH2	100%
MTCP1	100%	MTCP1NB	100%	MTDH	100%	MTERF	100%	MTERFD1	100%
MTERFD2	100%	MTERFD3	100%	MTF1	100%	MTF2	100%	MTFMT	100%
MTFP1	100%	MTFR1	100%	MTG1	100%	MTHFD1	100%	MTHFD1L	90%
MTHFD2	98%	MTHFD2L	100%	MTHFR	100%	MTHFS	100%	MTHFSD	100%
MTIF2	99%	MTIF3	99%	MTL5	100%	MTM1	100%	MTMR1	92%
MTMR10	100%	MTMR11	100%	MTMR12	100%	MTMR14	100%	MTMR2	100%
MTMR3	100%	MTMR4	100%	MTMR6	99%	MTMR7	100%	MTMR8	100%
MTMR9	100%	MTNR1A	100%	MTNR1B	100%	MTO1	95%	MTOR	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
MTPAP	100%	MTPN	100%	MTR	100%	MTRF1	100%	MTRF1L	81%
MTRNR2L1	0%	MTRNR2L10	94%	MTRNR2L2	93%	MTRNR2L3	0%	MTRNR2L4	0%
MTRNR2L5	0%	MTRNR2L6	0%	MTRNR2L7	0%	MTRNR2L8	0%	MTRR	100%
MTSS1	100%	MTSS1L	99%	MTTP	100%	MTUS1	100%	MTUS2	99%
MTX1	73%	MTX2	100%	MTX3	100%	MUC1	100%	MUC12	59%
MUC13	100%	MUC15	100%	MUC16	100%	MUC17	100%	MUC2	97%
MUC20	89%	MUC21	100%	MUC22	100%	MUC4	84%	MUC5B	100%
MUC6	99%	MUC7	100%	MUCL1	100%	MUDENG	100%	MUL1	100%
MUM1	100%	MUM1L1	100%	MURC	100%	MUS81	100%	MUSK	100%
MUSTN1	100%	MUT	100%	MUTED	100%	MUTYH	100%	MVD	100%
MVK	100%	MVP	100%	MX1	100%	MX2	100%	MXD1	100%
MXD3	99%	MXD4	97%	MXI1	100%	MXRA5	96%	MXRA7	52%
MXRA8	96%	MYADM	100%	MYADML2	100%	MYB	100%	MYBBP1A	100%
MYBL1	100%	MYBL2	99%	MYBPC1	100%	MYBPC2	100%	MYBPC3	100%
MYBPH	100%	MYBPHL	99%	MYC	100%	MYCBP	98%	MYCBP2	100%
MYCBPAP	99%	MYCL1	98%	MYCN	99%	MYCT1	100%	MYD88	100%
MYEF2	98%	MYEOV	100%	MYEOV2	100%	MYF5	100%	MYF6	100%
MYH1	100%	MYH10	100%	MYH11	100%	MYH13	100%	MYH14	100%
MYH15	100%	MYH2	100%	MYH3	100%	MYH4	100%	MYH6	99%
MYH7	99%	MYH7B	99%	MYH8	100%	MYH9	100%	MYL1	100%
MYL10	83%	MYL12A	100%	MYL12B	100%	MYL2	100%	MYL3	100%
MYL4	100%	MYL5	100%	MYL6	100%	MYL6B	100%	MYL7	100%
MYL9	99%	MYLIP	100%	MYLK	100%	MYLK2	100%	MYLK3	98%
MYLK4	100%	MYLPF	100%	MYNN	100%	MYO10	100%	MYO15A	99%
MYO16	99%	MYO18A	100%	MYO18B	99%	MYO19	100%	MYO1A	100%
MYO1B	100%	MYO1C	99%	MYO1D	100%	MYO1E	100%	MYO1F	100%
MYO1G	99%	MYO1H	100%	MYO3A	100%	MYO3B	100%	MYO5A	100%
MYO5B	100%	MYO5C	100%	MYO6	100%	MYO7A	100%	MYO7B	100%
MYO9A	100%	MYO9B	100%	MYOC	100%	MYOCD	100%	MYOD1	100%
MYOF	99%	MYOG	100%	MYOM1	100%	MYOM2	100%	MYOM3	100%
MYOT	100%	MYOZ1	100%	MYOZ2	100%	MYOZ3	100%	MYPN	100%
MYPOP	88%	MYRIP	100%	MYSM1	100%	MYT1	100%	MYT1L	100%
MYZAP	98%	MZB1	100%	MZF1	100%	MZT1	99%	MZT2A	67%
MZT2B	71%	N4BP1	100%	N4BP2	100%	N4BP2L1	100%	N4BP2L2	99%
N4BP3	100%	N6AMT1	99%	N6AMT2	100%	NAA10	100%	NAA11	100%
NAA15	100%	NAA16	100%	NAA20	100%	NAA25	100%	NAA30	100%
NAA35	99%	NAA38	100%	NAA40	100%	NAA50	100%	NAA60	100%
NAAA	100%	NAALAD2	95%	NAALADL1	100%	NAALADL2	100%	NAB1	100%
NAB2	100%	NACA	99%	NACA2	100%	NACAD	81%	NACC1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
NACC2	49%	NADK	97%	NADKD1	96%	NADSYN1	100%	NAE1	100%
NAF1	95%	NAGA	100%	NAGK	100%	NAGLU	99%	NAGPA	100%
NAGS	100%	NAIF1	100%	NAIP	15%	NALCN	100%	NAMPT	100%
NANOG	68%	NANOGNB	92%	NANOS1	96%	NANOS2	100%	NANOS3	100%
NANP	100%	NANS	100%	NAP1L1	97%	NAP1L2	100%	NAP1L3	100%
NAP1L4	99%	NAP1L5	100%	NAPA	100%	NAPB	100%	NAPEPLD	94%
NAPG	99%	NAPRT1	100%	NAPSA	100%	NARF	99%	NARFL	100%
NARG2	98%	NARS	100%	NARS2	98%	NASP	100%	NAT1	100%
NAT10	100%	NAT14	99%	NAT16	100%	NAT2	100%	NAT6	100%
NAT8	100%	NAT8B	100%	NAT8L	96%	NAT9	100%	NAV1	100%
NAV2	100%	NAV3	100%	NBAS	100%	NBEA	94%	NBEAL1	100%
NBEAL2	100%	NBL1	89%	NBN	100%	NBPF1	71%	NBPF10	18%
NBPF11	4%	NBPF14	40%	NBPF15	8%	NBPF16	6%	NBPF24	4%
NBPF3	82%	NBPF4	22%	NBPF6	22%	NBPF7	99%	NBPF9	47%
NBR1	100%	NCALD	100%	NCAM1	100%	NCAM2	100%	NCAN	99%
NCAPD2	100%	NCAPD3	100%	NCAPG	99%	NCAPG2	100%	NCAPH	100%
NCAPH2	100%	NCBP1	100%	NCBP2	100%	NCCRP1	97%	NCDN	100%
NCEH1	100%	NCF1	21%	NCF2	100%	NCF4	100%	NCK1	100%
NCK2	100%	NCKAP1	100%	NCKAP1L	100%	NCKAP5	100%	NCKAP5L	100%
NCKIPSD	97%	NCL	100%	NCLN	97%	NCOA1	100%	NCOA2	100%
NCOA3	100%	NCOA4	97%	NCOA5	100%	NCOA6	100%	NCOA7	100%
NCOR1	100%	NCOR2	98%	NCR1	100%	NCR2	99%	NCR3	100%
NCS1	100%	NCSTN	100%	NDC80	99%	NDE1	100%	NDEL1	100%
NDFIP1	100%	NDFIP2	100%	NDN	100%	NDNF	100%	NDNL2	100%
NDOR1	100%	NDP	100%	NDRG1	100%	NDRG2	100%	NDRG3	100%
NDRG4	100%	NDST1	100%	NDST2	100%	NDST3	100%	NDST4	100%
NDUFA1	100%	NDUFA10	100%	NDUFA11	100%	NDUFA12	100%	NDUFA13	100%
NDUFA2	100%	NDUFA3	100%	NDUFA4	100%	NDUFA4L2	100%	NDUFA5	93%
NDUFA6	100%	NDUFA7	100%	NDUFA8	100%	NDUFA9	100%	NDUFAB1	100%
NDUFAF1	100%	NDUFAF2	98%	NDUFAF3	100%	NDUFAF4	100%	NDUFB1	94%
NDUFB10	100%	NDUFB11	91%	NDUFB2	100%	NDUFB3	100%	NDUFB4	85%
NDUFB5	100%	NDUFB6	100%	NDUFB7	100%	NDUFB8	100%	NDUFB9	100%
NDUFC1	100%	NDUFC2	98%	NDUFC2-KCTD14	99%	NDUFS1	100%	NDUFS2	100%
NDUFS3	100%	NDUFS4	100%	NDUFS5	100%	NDUFS6	100%	NDUFS7	100%
NDUFS8	100%	NDUFV1	100%	NDUFV2	99%	NDUFV3	100%	NEB	88%
NEBL	100%	NECAB1	99%	NECAB2	84%	NECAB3	99%	NECAP1	100%
NECAP2	100%	NEDD1	100%	NEDD4	100%	NEDD4L	100%	NEDD8	100%
NEDD8-MDP1	100%	NEDD9	100%	NEFH	100%	NEFL	100%	NEFM	100%
NEGR1	100%	NEIL1	100%	NEIL2	100%	NEIL3	100%	NEK1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
NEK10	99%	NEK11	100%	NEK2	100%	NEK3	100%	NEK4	97%
NEK5	100%	NEK6	100%	NEK7	100%	NEK8	100%	NEK9	100%
NELF	97%	NELL1	100%	NELL2	100%	NEMF	100%	NENF	87%
NEO1	100%	NES	100%	NET1	98%	NETO1	100%	NETO2	99%
NEU1	100%	NEU2	100%	NEU3	100%	NEU4	100%	NEURL	100%
NEURL1B	93%	NEURL2	100%	NEURL4	99%	NEUROD1	100%	NEUROD2	100%
NEUROD4	100%	NEUROD6	100%	NEUROG1	100%	NEUROG2	100%	NEUROG3	100%
NEXN	100%	NF1	100%	NF2	100%	NFAM1	100%	NFASC	100%
NFAT5	100%	NFATC1	100%	NFATC2	100%	NFATC2IP	100%	NFATC3	100%
NFATC4	100%	NFE2	100%	NFE2L1	100%	NFE2L2	100%	NFE2L3	94%
NFIA	100%	NFIB	100%	NFIC	100%	NFIL3	100%	NFIX	99%
NFKB1	100%	NFKB2	100%	NFKBIA	100%	NFKBIB	100%	NFKBID	100%
NFKBIE	99%	NFKBIL1	100%	NFKBIZ	98%	NFRKB	100%	NFS1	97%
NFU1	100%	NFX1	98%	NFXL1	100%	NFYA	99%	NFYB	100%
NFYC	93%	NGB	100%	NGDN	100%	NGEF	100%	NGF	100%
NGFR	100%	NGFRAP1	100%	NGLY1	100%	NGRN	100%	NHEJ1	100%
NHLH1	100%	NHLH2	95%	NHLRC1	100%	NHLRC2	100%	NHLRC3	100%
NHLRC4	100%	NHP2	98%	NHP2L1	100%	NHS	97%	NHSL1	99%
NHSL2	98%	NICN1	100%	NID1	100%	NID2	100%	NIF3L1	100%
NIM1	100%	NIN	100%	NINJ1	100%	NINJ2	100%	NINL	99%
NIP7	100%	NIPA1	100%	NIPA2	100%	NIPAL1	100%	NIPAL2	100%
NIPAL3	100%	NIPAL4	100%	NIPBL	100%	NIPSNAP1	100%	NIPSNAP3A	100%
NIPSNAP3B	99%	NISCH	100%	NIT1	100%	NIT2	99%	NKAIN1	99%
NKAIN2	100%	NKAIN3	100%	NKAIN4	99%	NKAP	95%	NKAPL	100%
NKD1	100%	NKD2	95%	NKG7	100%	NKIRAS1	100%	NKIRAS2	100%
NKPD1	100%	NKRF	100%	NKTR	100%	NKX1-2	100%	NKX2-1	99%
NKX2-2	100%	NKX2-3	96%	NKX2-4	97%	NKX2-5	100%	NKX2-6	100%
NKX2-8	99%	NKX3-1	100%	NKX3-2	100%	NKX6-1	99%	NKX6-2	93%
NKX6-3	91%	NLE1	100%	NLGN1	100%	NLGN2	94%	NLGN3	100%
NLGN4X	100%	NLGN4Y	61%	NLK	100%	NLN	100%	NLRC3	100%
NLRC4	100%	NLRC5	100%	NLRP1	100%	NLRP10	100%	NLRP11	100%
NLRP12	97%	NLRP13	100%	NLRP14	100%	NLRP2	100%	NLRP3	100%
NLRP4	100%	NLRP5	100%	NLRP6	99%	NLRP7	100%	NLRP8	100%
NLRP9	100%	NLRX1	100%	NMB	99%	NMBR	100%	NMD3	99%
NME1	100%	NME1-NME2	100%	NME2	100%	NME3	91%	NME4	82%
NME5	100%	NME6	100%	NME7	100%	NME9	100%	NMI	100%
NMNAT1	100%	NMNAT2	100%	NMNAT3	100%	NMRAL1	99%	NMS	100%
NMT1	100%	NMT2	100%	NMU	100%	NMUR1	99%	NMUR2	100%
NNAT	100%	NNMT	99%	NNT	100%	NOA1	100%	NOB1	98%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
NOBOX	100%	NOC2L	100%	NOC3L	100%	NOC4L	99%	NOD1	100%
NOD2	100%	NODAL	100%	NOG	100%	NOL10	99%	NOL11	91%
NOL12	100%	NOL3	100%	NOL4	100%	NOL6	99%	NOL7	100%
NOL8	100%	NOL9	100%	NOLC1	100%	NOM1	100%	NOMO1	19%
NOMO2	17%	NOMO3	10%	NONO	98%	NOP10	100%	NOP14	100%
NOP16	100%	NOP2	100%	NOP56	100%	NOP58	98%	NOS1	100%
NOS1AP	100%	NOS2	100%	NOS3	100%	NOSIP	100%	NOSTRIN	100%
NOTCH1	100%	NOTCH2	100%	NOTCH2NL	100%	NOTCH3	97%	NOTCH4	99%
NOTO	100%	NOTUM	98%	NOV	100%	NOVA1	100%	NOVA2	95%
NOX1	100%	NOX3	100%	NOX4	100%	NOX5	99%	NOXA1	99%
NOXO1	94%	NOXRED1	100%	NPAS1	93%	NPAS2	100%	NPAS3	96%
NPAS4	100%	NPAT	100%	NPB	71%	NPBWR1	100%	NPBWR2	100%
NPC1	100%	NPC1L1	100%	NPC2	100%	NPDC1	92%	NPEPL1	99%
NPEPPS	93%	NPFF	100%	NPFFR1	100%	NPFFR2	100%	NPHP1	100%
NPHP3	100%	NPHP4	100%	NPHS1	100%	NPHS2	100%	NPIP	3%
NPIPL3	0%	NPL	100%	NPLOC4	99%	NPM1	100%	NPM2	100%
NPM3	100%	NPNT	100%	NPPA	100%	NPPB	100%	NPPC	100%
NPR1	100%	NPR2	100%	NPR3	100%	NPRL2	100%	NPRL3	100%
NPS	100%	NPSR1	100%	NPTN	100%	NPTX1	99%	NPTX2	89%
NPTXR	95%	NPVF	100%	NPW	87%	NPY	100%	NPY1R	100%
NPY2R	100%	NPY5R	100%	NQO1	100%	NQO2	100%	NR0B1	100%
NR0B2	100%	NR1D1	99%	NR1D2	100%	NR1H2	100%	NR1H3	100%
NR1H4	100%	NR1I2	100%	NR1I3	100%	NR2C1	100%	NR2C2	100%
NR2C2AP	100%	NR2E1	100%	NR2E3	100%	NR2F1	100%	NR2F2	100%
NR2F6	95%	NR3C1	100%	NR3C2	100%	NR4A1	100%	NR4A2	100%
NR4A3	100%	NR5A1	100%	NR5A2	100%	NR6A1	98%	NRAP	100%
NRARP	100%	NRAS	100%	NRBF2	97%	NRBP1	100%	NRBP2	100%
NRCAM	100%	NRD1	100%	NREP	100%	NRF1	100%	NRG1	99%
NRG2	96%	NRG3	100%	NRG4	100%	NRGN	88%	NRIP1	100%
NRIP2	100%	NRIP3	95%	NRK	99%	NRL	100%	NRM	99%
NRN1	100%	NRN1L	100%	NRP1	100%	NRP2	100%	NRSN1	100%
NRSN2	100%	NRTN	97%	NRXN1	100%	NRXN2	99%	NRXN3	100%
NSA2	93%	NSD1	100%	NSDHL	100%	NSF	54%	NSFL1C	98%
NSL1	100%	NSMAF	99%	NSMCE1	100%	NSMCE2	100%	NSMCE4A	97%
NSRP1	99%	NSUN2	100%	NSUN3	100%	NSUN4	100%	NSUN5	99%
NSUN6	100%	NSUN7	100%	NT5C	97%	NT5C1A	100%	NT5C1B	100%
NT5C1B-RDH14	100%	NT5C2	100%	NT5C3	98%	NT5C3L	100%	NT5DC1	94%
NT5DC2	94%	NT5DC3	100%	NT5E	100%	NT5M	98%	NTAN1	99%
NTF3	100%	NTF4	100%	NTHL1	100%	NTM	100%	NTN1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
NTN3	83%	NTN4	99%	NTN5	88%	NTNG1	100%	NTNG2	99%
NTPCR	96%	NTRK1	100%	NTRK2	100%	NTRK3	99%	NTS	100%
NTSR1	100%	NTSR2	99%	NUAK1	99%	NUAK2	100%	NUB1	100%
NUBP1	100%	NUBP2	100%	NUBPL	100%	NUCB1	100%	NUCB2	100%
NUCKS1	98%	NUDC	97%	NUDCD1	100%	NUDCD2	100%	NUDCD3	100%
NUDT1	100%	NUDT10	100%	NUDT11	100%	NUDT12	100%	NUDT13	100%
NUDT14	94%	NUDT15	100%	NUDT16	99%	NUDT16L1	100%	NUDT17	99%
NUDT18	99%	NUDT19	96%	NUDT2	100%	NUDT21	100%	NUDT22	100%
NUDT3	100%	NUDT4	97%	NUDT5	100%	NUDT6	100%	NUDT7	100%
NUDT8	92%	NUDT9	100%	NUF2	100%	NUFIP1	98%	NUFIP2	100%
NUMA1	100%	NUMB	100%	NUMBL	98%	NUP107	100%	NUP133	100%
NUP153	100%	NUP155	100%	NUP160	100%	NUP188	100%	NUP205	100%
NUP210	100%	NUP210L	100%	NUP214	100%	NUP35	100%	NUP37	100%
NUP43	100%	NUP50	87%	NUP54	100%	NUP62	100%	NUP62CL	100%
NUP85	100%	NUP88	100%	NUP93	100%	NUP98	100%	NUPL1	100%
NUPL2	100%	NUPR1	100%	NUS1	61%	NUSAP1	100%	NUTF2	100%
NVL	100%	NWD1	100%	NXF1	100%	NXF2	15%	NXF2B	15%
NXF3	100%	NXF5	56%	NXN	100%	NXNL1	93%	NXNL2	81%
NXPH1	100%	NXPH2	100%	NXPH3	100%	NXPH4	100%	NXT1	100%
NXT2	100%	NYAP1	100%	NYAP2	100%	NYNRIN	100%	NYX	100%
O3FAR1	100%	OAF	99%	OAS1	100%	OAS2	100%	OAS3	100%
OASL	100%	OAT	100%	OAZ1	100%	OAZ2	99%	OAZ3	100%
OBFC1	100%	OBFC2A	100%	OBFC2B	88%	OBP2A	95%	OBP2B	86%
OBSCN	100%	OBSL1	100%	OC90	100%	OCA2	100%	OCEL1	99%
OCIAD1	100%	OCIAD2	100%	OCLM	100%	OCLN	92%	OCM	100%
OCM2	100%	OCRL	100%	ODAM	100%	ODC1	100%	ODF1	100%
ODF2	100%	ODF2L	99%	ODF3	100%	ODF3B	100%	ODF3L1	100%
ODF3L2	94%	ODF4	100%	ODZ1	100%	ODZ2	100%	ODZ3	100%
ODZ4	100%	OFD1	100%	OGDH	100%	OGDHL	100%	OGFOD1	99%
OGFOD2	100%	OGFR	91%	OGFRL1	97%	OGG1	100%	OGN	99%
OGT	100%	OIP5	100%	OIT3	100%	OLA1	88%	OLAH	100%
OLFM1	100%	OLFM2	99%	OLFM3	100%	OLFM4	100%	OLFML1	100%
OLFML2A	96%	OLFML2B	100%	OLFML3	100%	OLIG1	83%	OLIG2	99%
OLIG3	100%	OLR1	100%	OMA1	100%	OMD	100%	OMG	100%
OMP	100%	ONECUT1	100%	ONECUT2	92%	ONECUT3	61%	OOEP	100%
OPA1	100%	OPA3	100%	OPALIN	100%	OPCML	100%	OPHN1	100%
OPLAH	100%	OPN1LW	65%	OPN1MW	19%	OPN1MW2	19%	OPN1SW	100%
OPN3	99%	OPN4	99%	OPN5	100%	OPRD1	100%	OPRK1	100%
OPRL1	100%	OPRM1	100%	OPTC	100%	OPTN	100%	OR10A2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
OR10A3	100%	OR10A4	100%	OR10A5	100%	OR10A6	100%	OR10A7	100%
OR10AD1	100%	OR10AG1	100%	OR10C1	100%	OR10G2	100%	OR10G3	100%
OR10G4	100%	OR10G7	100%	OR10G8	100%	OR10G9	100%	OR10H1	100%
OR10H2	100%	OR10H3	100%	OR10H4	100%	OR10H5	100%	OR10J1	100%
OR10J3	100%	OR10J5	100%	OR10K1	100%	OR10K2	100%	OR10P1	100%
OR10Q1	100%	OR10R2	100%	OR10S1	100%	OR10T2	100%	OR10V1	100%
OR10W1	100%	OR10X1	100%	OR10Z1	100%	OR11A1	100%	OR11G2	100%
OR11H1	0%	OR11H12	1%	OR11H2	0%	OR11H4	100%	OR11H6	100%
OR11L1	100%	OR12D2	99%	OR12D3	100%	OR13A1	100%	OR13C2	100%
OR13C3	100%	OR13C4	100%	OR13C5	100%	OR13C8	100%	OR13C9	100%
OR13D1	100%	OR13F1	100%	OR13G1	100%	OR13H1	100%	OR13J1	100%
OR14A16	100%	OR14C36	100%	OR14I1	100%	OR14J1	100%	OR1A1	100%
OR1A2	100%	OR1B1	100%	OR1C1	100%	OR1D2	100%	OR1D5	90%
OR1E1	100%	OR1E2	100%	OR1F1	100%	OR1G1	100%	OR1I1	100%
OR1J1	100%	OR1J2	100%	OR1J4	100%	OR1K1	100%	OR1L1	100%
OR1L3	100%	OR1L4	100%	OR1L6	97%	OR1L8	100%	OR1M1	100%
OR1N1	100%	OR1N2	100%	OR1Q1	100%	OR1S1	100%	OR1S2	100%
OR2A1	49%	OR2A12	100%	OR2A14	100%	OR2A2	100%	OR2A25	100%
OR2A4	73%	OR2A42	49%	OR2A5	100%	OR2A7	87%	OR2AE1	100%
OR2AG1	100%	OR2AG2	100%	OR2AK2	100%	OR2AT4	100%	OR2B11	100%
OR2B2	100%	OR2B3	100%	OR2B6	100%	OR2C1	100%	OR2C3	100%
OR2D2	100%	OR2D3	100%	OR2F1	100%	OR2F2	100%	OR2G2	100%
OR2G3	100%	OR2G6	100%	OR2H1	100%	OR2H2	99%	OR2J2	100%
OR2J3	100%	OR2K2	100%	OR2L13	100%	OR2L2	100%	OR2L3	100%
OR2L8	100%	OR2M2	96%	OR2M3	98%	OR2M4	100%	OR2M5	100%
OR2M7	97%	OR2S2	100%	OR2T1	100%	OR2T10	100%	OR2T11	100%
OR2T12	61%	OR2T2	97%	OR2T27	87%	OR2T29	27%	OR2T3	99%
OR2T33	71%	OR2T34	98%	OR2T35	74%	OR2T4	100%	OR2T5	32%
OR2T6	100%	OR2T8	49%	OR2V2	100%	OR2W1	100%	OR2W3	100%
OR2W5	100%	OR2Y1	100%	OR2Z1	100%	OR3A1	100%	OR3A2	96%
OR3A3	96%	OR4A15	98%	OR4A16	100%	OR4A47	100%	OR4A5	100%
OR4B1	100%	OR4C11	78%	OR4C12	100%	OR4C13	93%	OR4C15	100%
OR4C16	100%	OR4C3	100%	OR4C45	100%	OR4C46	100%	OR4C6	100%
OR4D1	100%	OR4D10	100%	OR4D11	100%	OR4D2	100%	OR4D5	100%
OR4D6	100%	OR4D9	100%	OR4E2	100%	OR4F15	100%	OR4F16 (chr1)	0%
OR4F16 (chr5)	0%	OR4F17	21%	OR4F21	3%	OR4F29 (chr1)	0%	OR4F29 (chr5)	0%
OR4F3 (chr1)	0%	OR4F3 (chr5)	0%	OR4F4	9%	OR4F5	20%	OR4F6	100%
OR4K1	100%	OR4K13	100%	OR4K14	100%	OR4K15	100%	OR4K17	100%
OR4K2	100%	OR4K5	100%	OR4L1	99%	OR4M1	100%	OR4M2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
OR4N2	100%	OR4N4	100%	OR4N5	100%	OR4P4	78%	OR4Q3	100%
OR4S1	100%	OR4S2	77%	OR4X1	100%	OR4X2	100%	OR51A2	81%
OR51A4	100%	OR51A7	100%	OR51B2	100%	OR51B4	100%	OR51B5	100%
OR51B6	100%	OR51D1	100%	OR51E1	100%	OR51E2	100%	OR51F1	100%
OR51F2	100%	OR51G1	100%	OR51G2	100%	OR51I1	100%	OR51I2	100%
OR51L1	100%	OR51M1	100%	OR51Q1	100%	OR51S1	100%	OR51T1	100%
OR51V1	100%	OR52A1	100%	OR52A5	100%	OR52B2	100%	OR52B4	100%
OR52B6	100%	OR52D1	100%	OR52E2	100%	OR52E4	100%	OR52E6	100%
OR52E8	100%	OR52H1	100%	OR52I1	100%	OR52I2	100%	OR52J3	100%
OR52K1	100%	OR52K2	100%	OR52L1	100%	OR52M1	100%	OR52N1	99%
OR52N2	100%	OR52N4	100%	OR52N5	94%	OR52R1	100%	OR52W1	100%
OR56A1	100%	OR56A3	100%	OR56A4	100%	OR56A5	100%	OR56B1	100%
OR56B4	100%	OR5A1	100%	OR5A2	100%	OR5AC2	100%	OR5AK2	100%
OR5AN1	100%	OR5AP2	100%	OR5AR1	100%	OR5A51	99%	OR5AU1	100%
OR5B12	100%	OR5B17	100%	OR5B2	100%	OR5B21	100%	OR5B3	100%
OR5C1	100%	OR5D13	100%	OR5D14	100%	OR5D16	100%	OR5D18	100%
OR5F1	100%	OR5H1	100%	OR5H14	100%	OR5H15	100%	OR5H2	100%
OR5H6	100%	OR5I1	100%	OR5J2	100%	OR5K1	100%	OR5K2	100%
OR5K3	100%	OR5K4	100%	OR5L1	100%	OR5L2	100%	OR5M1	100%
OR5M10	100%	OR5M11	100%	OR5M3	100%	OR5M8	100%	OR5M9	100%
OR5P2	100%	OR5P3	100%	OR5R1	100%	OR5T1	100%	OR5T2	100%
OR5T3	100%	OR5V1	100%	OR5W2	100%	OR6A2	100%	OR6B1	100%
OR6B2	100%	OR6B3	100%	OR6C1	100%	OR6C2	100%	OR6C3	100%
OR6C4	100%	OR6C6	100%	OR6C65	100%	OR6C68	100%	OR6C70	100%
OR6C74	100%	OR6C75	100%	OR6C76	100%	OR6F1	100%	OR6K2	100%
OR6K3	100%	OR6K6	100%	OR6M1	100%	OR6N1	100%	OR6N2	100%
OR6P1	100%	OR6Q1	100%	OR6S1	100%	OR6T1	100%	OR6V1	100%
OR6X1	100%	OR6Y1	100%	OR7A10	100%	OR7A17	100%	OR7A5	100%
OR7C1	100%	OR7C2	100%	OR7D2	100%	OR7D4	100%	OR7E24	100%
OR7G1	100%	OR7G2	100%	OR7G3	100%	OR8A1	100%	OR8B12	100%
OR8B2	100%	OR8B3	99%	OR8B4	100%	OR8B8	100%	OR8D1	100%
OR8D2	100%	OR8D4	100%	OR8G1	100%	OR8G2	100%	OR8G5	100%
OR8H1	100%	OR8H2	100%	OR8H3	100%	OR8I2	99%	OR8J1	100%
OR8J3	100%	OR8K1	100%	OR8K3	100%	OR8K5	100%	OR8S1	100%
OR8U1	100%	OR8U8	100%	OR9A2	100%	OR9A4	100%	OR9G1	100%
OR9G4	100%	OR9G9	100%	OR9I1	100%	OR9K2	100%	OR9Q1	100%
OR9Q2	100%	ORAI1	99%	ORAI2	100%	ORAI3	100%	ORAOV1	100%
ORC1	100%	ORC2	100%	ORC3	98%	ORC4	100%	ORC5	99%
ORC6	100%	ORM1	87%	ORM2	88%	ORMDL1	100%	ORMDL2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ORMDL3	100%	OS9	100%	OSBP	99%	OSBP2	100%	OSBPL10	99%
OSBPL11	100%	OSBPL1A	100%	OSBPL2	100%	OSBPL3	100%	OSBPL5	100%
OSBPL6	100%	OSBPL7	100%	OSBPL8	100%	OSBPL9	100%	OSCAR	98%
OSCP1	100%	OSGEP	100%	OSGEPL1	97%	OSGIN1	100%	OSGIN2	100%
OSM	100%	OSMR	100%	OSR1	100%	OSR2	100%	OST4	100%
OSTalpha	100%	OSTBETA	100%	OSTC	100%	OSTF1	100%	OSTM1	100%
OSTN	100%	OTC	100%	OTOA	77%	OTOF	100%	OTOGL	100%
OTOL1	100%	OTOP1	94%	OTOP2	100%	OTOP3	100%	OTOR	100%
OTOS	100%	OTP	99%	OTUB1	100%	OTUB2	100%	OTUD1	93%
OTUD3	98%	OTUD4	99%	OTUD5	91%	OTUD6A	100%	OTUD6B	100%
OTUD7A	94%	OTUD7B	100%	OTX1	100%	OTX2	100%	OVCA2	99%
OVCH1	100%	OVCH2	100%	OVGP1	100%	OVOL1	100%	OVOL2	100%
OXA1L	100%	OXCT1	100%	OXCT2	59%	OXER1	100%	OXGR1	100%
OXNAD1	100%	OXR1	99%	OXSM	100%	OXSR1	100%	OXT	100%
OXR	97%	P2RX1	100%	P2RX2	100%	P2RX3	100%	P2RX4	97%
P2RX5	100%	P2RX6	94%	P2RX7	100%	P2RY1	100%	P2RY10	100%
P2RY11	100%	P2RY12	100%	P2RY13	100%	P2RY14	100%	P2RY2	100%
P2RY4	100%	P2RY6	100%	P2RY8 (chrX)	98%	P2RY8 (chrY)	0%	P4HA1	100%
P4HA2	100%	P4HA3	97%	P4HB	100%	P4HTM	96%	PA2G4	94%
PAAF1	100%	PABPC1	100%	PABPC1L	100%	PABPC1L2A	1%	PABPC1L2B	0%
PABPC3	100%	PABPC4	99%	PABPC4L	100%	PABPC5	98%	PABPN1	85%
PABPN1L	100%	PACRG	87%	PACRGL	100%	PACS1	99%	PACS2	99%
PACSIN1	100%	PACSIN2	100%	PACSIN3	100%	PADI1	100%	PADI2	100%
PADI3	100%	PADI4	100%	PADI6	100%	PAEP	93%	PAF1	100%
PAFAH1B1	100%	PAFAH1B2	100%	PAFAH1B3	100%	PAFAH2	100%	PAG1	100%
PAGE1	100%	PAGE2	94%	PAGE2B	94%	PAGE4	99%	PAGE5	96%
PAH	100%	PAICS	91%	PAIP1	81%	PAIP2	100%	PAIP2B	100%
PAK1	100%	PAK1IP1	100%	PAK2	99%	PAK3	100%	PAK4	98%
PAK6	100%	PAK7	100%	PALB2	100%	PALLD	99%	PALM	99%
PALM2	99%	PALM2-AKAP2	100%	PALM3	100%	PALMD	100%	PAM	98%
PAM16	100%	PAMR1	100%	PAN2	100%	PAN3	100%	PANK1	99%
PANK2	100%	PANK3	100%	PANK4	100%	PANX1	100%	PANX2	93%
PANX3	99%	PAOX	93%	PAPD4	100%	PAPD5	100%	PAPD7	100%
PAPL	100%	PAPLN	98%	PAPOLA	100%	PAPOLB	100%	PAPOLG	100%
PAPPA	96%	PAPPA2	100%	PAPSS1	100%	PAPSS2	100%	PAQR3	100%
PAQR4	100%	PAQR5	100%	PAQR6	100%	PAQR7	100%	PAQR8	100%
PAQR9	99%	PARD3	100%	PARD3B	100%	PARD6A	100%	PARD6B	100%
PARD6G	100%	PARG	39%	PARK2	100%	PARK7	100%	PARL	94%
PARM1	100%	PARN	100%	PARP1	100%	PARP10	100%	PARP11	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
PARP12	98%	PARP14	100%	PARP15	100%	PARP16	100%	PARP2	100%
PARP3	100%	PARP4	95%	PARP6	100%	PARP8	94%	PARP9	99%
PARPBP	100%	PARS2	100%	PARVA	100%	PARVB	100%	PARVG	100%
PASD1	98%	PASK	100%	PATE1	100%	PATE2	100%	PATE3	100%
PATE4	100%	PATL1	97%	PATL2	100%	PATZ1	100%	PAWR	100%
PAX1	99%	PAX2	100%	PAX3	100%	PAX4	100%	PAX5	100%
PAX6	100%	PAX7	100%	PAX8	100%	PAX9	100%	PAXIP1	100%
PBK	99%	PBLD	100%	PBOV1	100%	PBRM1	100%	PBX1	100%
PBX2	98%	PBX3	100%	PBX4	97%	PBXIP1	100%	PC	100%
PCBD1	100%	PCBD2	90%	PCBP1	100%	PCBP2	100%	PCBP3	100%
PCBP4	100%	PCCA	100%	PCCB	100%	PCDH1	99%	PCDH10	100%
PCDH11X	99%	PCDH11Y	61%	PCDH12	100%	PCDH15	100%	PCDH17	100%
PCDH18	100%	PCDH19	100%	PCDH20	100%	PCDH7	100%	PCDH8	100%
PCDH9	100%	PCDHA1	100%	PCDHA10	100%	PCDHA11	100%	PCDHA12	100%
PCDHA13	100%	PCDHA2	100%	PCDHA3	100%	PCDHA4	100%	PCDHA5	100%
PCDHA6	100%	PCDHA7	95%	PCDHA8	100%	PCDHA9	94%	PCDHAC1	100%
PCDHAC2	100%	PCDHB1	100%	PCDHB10	97%	PCDHB11	100%	PCDHB12	100%
PCDHB13	100%	PCDHB14	100%	PCDHB15	100%	PCDHB16	99%	PCDHB2	100%
PCDHB3	100%	PCDHB4	100%	PCDHB5	100%	PCDHB6	100%	PCDHB7	100%
PCDHB8	100%	PCDHB9	100%	PCDHGA1	100%	PCDHGA10	100%	PCDHGA11	100%
PCDHGA12	100%	PCDHGA2	100%	PCDHGA3	100%	PCDHGA4	100%	PCDHGA5	100%
PCDHGA6	100%	PCDHGA7	100%	PCDHGA8	100%	PCDHGA9	100%	PCDHGB1	100%
PCDHGB2	100%	PCDHGB3	100%	PCDHGB4	96%	PCDHGB5	96%	PCDHGB6	100%
PCDHGB7	100%	PCDHGC3	100%	PCDHGC4	100%	PCDHGC5	100%	PCDP1	100%
PCF11	100%	PCGF1	100%	PCGF2	99%	PCGF3	100%	PCGF5	99%
PCGF6	97%	PCID2	100%	PCIF1	100%	PCK1	100%	PCK2	100%
PCLO	100%	PCM1	100%	PCMT1	100%	PCMTD1	100%	PCMTD2	100%
PCNA	99%	PCNP	100%	PCNT	100%	PCNX	100%	PCNXL2	100%
PCNXL3	100%	PCOLCE	100%	PCOLCE2	100%	PCP2	100%	PCP4	100%
PCP4L1	100%	PCSK1	100%	PCSK1N	71%	PCSK2	100%	PCSK4	99%
PCSK5	100%	PCSK6	95%	PCSK7	88%	PCSK9	100%	PCTP	99%
PCYOX1	100%	PCYOX1L	96%	PCYT1A	98%	PCYT1B	100%	PCYT2	99%
PDAP1	96%	PDC	100%	PDCD1	100%	PDCD10	100%	PDCD11	100%
PDCD1LG2	100%	PDCD2	93%	PDCD2L	100%	PDCD4	100%	PDCD5	96%
PDCD6	99%	PDCD6IP	100%	PDCD7	85%	PDCL	100%	PDCL2	91%
PDCL3	97%	PDDC1	98%	PDE10A	100%	PDE11A	100%	PDE12	100%
PDE1A	100%	PDE1B	100%	PDE1C	100%	PDE2A	100%	PDE3A	100%
PDE3B	100%	PDE4A	99%	PDE4B	100%	PDE4C	98%	PDE4D	100%
PDE4DIP	89%	PDE5A	100%	PDE6A	100%	PDE6B	100%	PDE6C	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
PDE6D	100%	PDE6G	100%	PDE6H	100%	PDE7A	100%	PDE7B	100%
PDE8A	100%	PDE8B	100%	PDE9A	100%	PDF	91%	PDGFA	100%
PDGFB	100%	PDGFC	100%	PDGFD	100%	PDGFRA	100%	PDGFRB	100%
PDGFRL	100%	PDHA1	100%	PDHA2	100%	PDHB	100%	PDHX	100%
PDIA2	100%	PDIA3	96%	PDIA4	100%	PDIA5	100%	PDIA6	100%
PDIK1L	100%	PDILT	100%	PDK1	100%	PDK2	100%	PDK3	99%
PDK4	100%	PDLIM1	100%	PDLIM2	93%	PDLIM3	100%	PDLIM4	100%
PDLIM5	100%	PDLIM7	99%	PDP1	100%	PDP2	100%	PDPK1	52%
PDPN	100%	PDPR	96%	PDRG1	100%	PDSSA	100%	PDSSB	100%
PDSS1	95%	PDSS2	100%	PDX1	100%	PDXDC1	98%	PDXK	100%
PDXP	94%	PDYN	100%	PDZD11	99%	PDZD2	100%	PDZD3	100%
PDZD4	100%	PDZD7	100%	PDZD8	100%	PDZD9	100%	PDZK1	14%
PDZK1IP1	100%	PDZRN3	100%	PDZRN4	98%	PEA15	100%	PEAK1	100%
PEAR1	99%	PEBP1	87%	PEBP4	100%	PECAM1	100%	PECR	100%
PEF1	95%	PEG10	100%	PEG3	100%	PELI1	100%	PELI2	100%
PELI3	100%	PELO	100%	PELP1	100%	PEMT	100%	PENK	100%
PEPD	100%	PER1	100%	PER2	100%	PER3	100%	PERP	100%
PES1	99%	PET112	100%	PET117	100%	PEX1	100%	PEX10	99%
PEX11A	100%	PEX11B	100%	PEX11G	98%	PEX12	100%	PEX13	100%
PEX14	100%	PEX16	100%	PEX19	100%	PEX2	100%	PEX26	100%
PEX3	100%	PEX5	100%	PEX5L	100%	PEX6	98%	PEX7	99%
PF4	100%	PF4V1	100%	PFAS	100%	PFDN1	100%	PFDN2	100%
PFDN4	75%	PFDN5	99%	PFDN6	100%	PFKFB1	99%	PFKFB2	100%
PFKFB3	100%	PFKFB4	100%	PFKL	98%	PFKM	100%	PFKP	100%
PFN1	100%	PFN2	100%	PFN3	100%	PFN4	100%	PGA3	1%
PGA4	0%	PGA5	30%	PGAM1	70%	PGAM2	100%	PGAM4	82%
PGAM5	86%	PGAP1	100%	PGAP2	100%	PGAP3	99%	PGBD1	100%
PGBD2	100%	PGBD3	100%	PGBD4	100%	PGBD5	100%	PGC	100%
PGCP	100%	PGD	100%	PGF	99%	PGGT1B	88%	PGK1	100%
PGK2	100%	PGLS	99%	PGLYRP1	100%	PGLYRP2	98%	PGLYRP3	99%
PGLYRP4	99%	PGM1	100%	PGM2	100%	PGM2L1	100%	PGM3	100%
PGM5	66%	PGP	97%	PGPEP1	100%	PGPEP1L	100%	PGR	100%
PGRMC1	100%	PGRMC2	95%	PGS1	100%	PHACTR1	99%	PHACTR2	100%
PHACTR3	94%	PHACTR4	100%	PHAX	100%	PHB	100%	PHB2	100%
PHC1	92%	PHC2	100%	PHC3	100%	PHEX	100%	PHF1	100%
PHF10	88%	PHF11	100%	PHF12	100%	PHF13	100%	PHF14	100%
PHF15	100%	PHF16	100%	PHF17	100%	PHF19	100%	PHF2	99%
PHF20	100%	PHF20L1	100%	PHF21A	100%	PHF21B	99%	PHF23	100%
PHF3	100%	PHF5A	98%	PHF6	100%	PHF7	100%	PHF8	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>PHGDH</i>	100%	<i>PHGR1</i>	100%	<i>PHIP</i>	100%	<i>PHKA1</i>	98%	<i>PHKA2</i>	100%
<i>PHKB</i>	100%	<i>PHKG1</i>	100%	<i>PHKG2</i>	100%	<i>PHLDA1</i>	100%	<i>PHLDA2</i>	99%
<i>PHLDA3</i>	100%	<i>PHLDB1</i>	100%	<i>PHLDB2</i>	100%	<i>PHLDB3</i>	98%	<i>PHLPP1</i>	94%
<i>PHLPP2</i>	98%	<i>PHOSPHO1</i>	100%	<i>PHOSPHO2</i>	100%	<i>PHOSPHO2-KLHL23</i>	100%	<i>PHOX2A</i>	93%
<i>PHOX2B</i>	99%	<i>PHPT1</i>	100%	<i>PHRF1</i>	100%	<i>PHTF1</i>	100%	<i>PHTF2</i>	100%
<i>PHYH</i>	100%	<i>PHYHD1</i>	99%	<i>PHYHIP</i>	97%	<i>PHYHIPL</i>	99%	<i>PI15</i>	100%
<i>PI16</i>	99%	<i>PI3</i>	100%	<i>PI4K2A</i>	95%	<i>PI4K2B</i>	91%	<i>PI4KA</i>	90%
<i>PI4KB</i>	100%	<i>PIAS1</i>	100%	<i>PIAS2</i>	100%	<i>PIAS3</i>	100%	<i>PIAS4</i>	100%
<i>PIBF1</i>	100%	<i>PICALM</i>	100%	<i>PICK1</i>	100%	<i>PID1</i>	100%	<i>PIDD</i>	100%
<i>PIEZO1</i>	100%	<i>PIEZO2</i>	100%	<i>PIF1</i>	98%	<i>PIGA</i>	98%	<i>PIGB</i>	100%
<i>PIGC</i>	99%	<i>PIGF</i>	76%	<i>PIGG</i>	100%	<i>PIGH</i>	99%	<i>PIGK</i>	99%
<i>PIGL</i>	100%	<i>PIGM</i>	100%	<i>PIGN</i>	100%	<i>PIGO</i>	100%	<i>PIGP</i>	100%
<i>PIGQ</i>	100%	<i>PIGR</i>	100%	<i>PIGS</i>	100%	<i>PIGT</i>	100%	<i>PIGU</i>	99%
<i>PIGV</i>	100%	<i>PIGW</i>	100%	<i>PIGX</i>	91%	<i>PIGY</i>	99%	<i>PIGZ</i>	100%
<i>PIH1D1</i>	100%	<i>PIH1D2</i>	100%	<i>PIK3AP1</i>	100%	<i>PIK3C2A</i>	100%	<i>PIK3C2B</i>	100%
<i>PIK3C2G</i>	100%	<i>PIK3C3</i>	100%	<i>PIK3CA</i>	100%	<i>PIK3CB</i>	100%	<i>PIK3CD</i>	100%
<i>PIK3CG</i>	100%	<i>PIK3IP1</i>	100%	<i>PIK3R1</i>	100%	<i>PIK3R2</i>	91%	<i>PIK3R3</i>	100%
<i>PIK3R4</i>	100%	<i>PIK3R5</i>	100%	<i>PIK3R6</i>	100%	<i>PIKFYVE</i>	100%	<i>PILRA</i>	100%
<i>PILRB</i>	100%	<i>PIM1</i>	100%	<i>PIM2</i>	97%	<i>PIM3</i>	100%	<i>PIN1</i>	100%
<i>PIN4</i>	72%	<i>PINK1</i>	96%	<i>PINX1</i>	100%	<i>PION</i>	98%	<i>PIP</i>	100%
<i>PIP4K2A</i>	100%	<i>PIP4K2B</i>	100%	<i>PIP4K2C</i>	100%	<i>PIP5K1A</i>	100%	<i>PIP5K1B</i>	100%
<i>PIP5K1C</i>	96%	<i>PIP5KL1</i>	100%	<i>PIPOX</i>	100%	<i>PIR</i>	98%	<i>PIRT</i>	100%
<i>PISD</i>	100%	<i>PITHD1</i>	94%	<i>PITPNA</i>	100%	<i>PITPNB</i>	79%	<i>PITPNC1</i>	100%
<i>PITPNM1</i>	100%	<i>PITPNM2</i>	96%	<i>PITPNM3</i>	100%	<i>PITRM1</i>	99%	<i>PITX1</i>	100%
<i>PITX2</i>	99%	<i>PITX3</i>	100%	<i>PIWIL1</i>	100%	<i>PIWIL2</i>	100%	<i>PIWIL3</i>	100%
<i>PIWIL4</i>	100%	<i>PJA1</i>	100%	<i>PJA2</i>	100%	<i>PKD1</i>	98%	<i>PKD1L1</i>	100%
<i>PKD1L2</i>	100%	<i>PKD1L3</i>	100%	<i>PKD2</i>	97%	<i>PKD2L1</i>	100%	<i>PKD2L2</i>	100%
<i>PKDCC</i>	89%	<i>PKDREJ</i>	97%	<i>PKHD1</i>	100%	<i>PKHD1L1</i>	100%	<i>PKIA</i>	100%
<i>PKIB</i>	100%	<i>PKIG</i>	100%	<i>PKLR</i>	100%	<i>PKM2</i>	99%	<i>PKMYT1</i>	100%
<i>PKN1</i>	99%	<i>PKN2</i>	99%	<i>PKN3</i>	100%	<i>PKNOX1</i>	100%	<i>PKNOX2</i>	100%
<i>PKP1</i>	100%	<i>PKP2</i>	98%	<i>PKP3</i>	96%	<i>PKP4</i>	100%	<i>PLA1A</i>	100%
<i>PLA2G10</i>	29%	<i>PLA2G12A</i>	77%	<i>PLA2G12B</i>	100%	<i>PLA2G15</i>	99%	<i>PLA2G16</i>	100%
<i>PLA2G1B</i>	100%	<i>PLA2G2A</i>	100%	<i>PLA2G2C</i>	100%	<i>PLA2G2D</i>	99%	<i>PLA2G2E</i>	100%
<i>PLA2G2F</i>	100%	<i>PLA2G3</i>	99%	<i>PLA2G4A</i>	100%	<i>PLA2G4B</i>	100%	<i>PLA2G4C</i>	100%
<i>PLA2G4D</i>	99%	<i>PLA2G4E</i>	99%	<i>PLA2G4F</i>	97%	<i>PLA2G5</i>	100%	<i>PLA2G6</i>	100%
<i>PLA2G7</i>	100%	<i>PLA2R1</i>	100%	<i>PLAA</i>	100%	<i>PLAC1</i>	98%	<i>PLAC1L</i>	100%
<i>PLAC4</i>	84%	<i>PLAC8</i>	96%	<i>PLAC8L1</i>	100%	<i>PLAC9</i>	95%	<i>PLAG1</i>	100%
<i>PLAGL1</i>	100%	<i>PLAGL2</i>	99%	<i>PLAT</i>	99%	<i>PLAU</i>	100%	<i>PLAUR</i>	100%
<i>PLB1</i>	100%	<i>PLBD1</i>	100%	<i>PLBD2</i>	99%	<i>PLCB1</i>	100%	<i>PLCB2</i>	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
PLCB3	99%	PLCB4	100%	PLCD1	100%	PLCD3	100%	PLCD4	100%
PLCE1	100%	PLCG1	100%	PLCG2	100%	PLCH1	100%	PLCH2	98%
PLCL1	98%	PLCL2	98%	PLCXD1 (chrX)	98%	PLCXD1 (chrY)	0%	PLCXD2	100%
PLCXD3	100%	PLCZ1	100%	PLD1	100%	PLD2	100%	PLD3	100%
PLD4	100%	PLD5	100%	PLD6	100%	PLDN	100%	PLEC	100%
PLEK	100%	PLEK2	100%	PLEKHA1	100%	PLEKHA2	100%	PLEKHA3	100%
PLEKHA4	97%	PLEKHA5	100%	PLEKHA6	98%	PLEKHA7	100%	PLEKHA8	100%
PLEKHB1	100%	PLEKHB2	100%	PLEKHD1	100%	PLEKHF1	100%	PLEKHF2	100%
PLEKHG1	100%	PLEKHG2	100%	PLEKHG3	100%	PLEKHG4	100%	PLEKHG4B	100%
PLEKHG5	100%	PLEKHG6	100%	PLEKHG7	100%	PLEKHH1	100%	PLEKHH2	100%
PLEKHH3	91%	PLEKHJ1	100%	PLEKHM1	99%	PLEKHM2	100%	PLEKHM3	100%
PLEKHN1	99%	PLEKHO1	100%	PLEKHO2	100%	PLG	93%	PLGLB1	0%
PLGLB2	0%	PLIN1	99%	PLIN2	97%	PLIN3	100%	PLIN4	99%
PLIN5	99%	PLK1	100%	PLK1S1	100%	PLK2	100%	PLK3	99%
PLK4	100%	PLLP	100%	PLN	100%	PLOD1	100%	PLOD2	100%
PLOD3	100%	PLP1	100%	PLP2	100%	PLRG1	98%	PLS1	100%
PLS3	100%	PLSCR1	100%	PLSCR2	99%	PLSCR3	96%	PLSCR4	100%
PLSCR5	100%	PLTP	100%	PLVAP	100%	PLXDC1	99%	PLXDC2	99%
PLXNA1	100%	PLXNA2	99%	PLXNA3	97%	PLXNA4	100%	PLXNB1	100%
PLXNB2	100%	PLXNB3	97%	PLXNC1	100%	PLXND1	98%	PM20D1	100%
PM20D2	99%	PMAIP1	100%	PMCH	100%	PMEL	100%	PMEPA1	100%
PMF1	100%	PMF1-BGLAP	100%	PMFBP1	100%	PML	100%	PMM1	100%
PMM2	100%	PMP2	100%	PMP22	100%	PMPCA	97%	PMPCB	100%
PMS1	100%	PMS2	97%	PMVK	100%	PNCK	94%	PNISR	100%
PNKD	100%	PNKP	100%	PNLDC1	100%	PNLIP	100%	PNLIPRP1	100%
PNLIPRP2	100%	PNLIPRP3	100%	PNMA1	100%	PNMA2	100%	PNMA3	99%
PNMA5	100%	PNMA6A	0%	PNMA6C	0%	PNMA6D	0%	PNMAL1	100%
PNMAL2	100%	PNMT	100%	PNN	100%	PNO1	100%	PNOC	100%
PNP	100%	PNPLA1	100%	PNPLA2	100%	PNPLA3	100%	PNPLA4	100%
PNPLA5	100%	PNPLA6	100%	PNPLA7	100%	PNPLA8	100%	PNPO	100%
PNPT1	99%	PNRC1	91%	PNRC2	12%	POC1A	100%	POC1B	100%
POC1B-GALNT4	100%	POC5	99%	PODN	100%	PODNL1	99%	PODXL	94%
PODXL2	98%	POF1B	100%	POFUT1	99%	POFUT2	100%	POGK	100%
POGLUT1	100%	POGZ	100%	POLA1	99%	POLA2	100%	POLB	100%
POLD1	100%	POLD2	98%	POLD3	100%	POLD4	96%	POLDIP2	94%
POLDIP3	100%	POLE	100%	POLE2	100%	POLE3	100%	POLE4	100%
POLG	100%	POLG2	100%	POLH	100%	POLI	100%	POLK	99%
POLL	100%	POLM	100%	POLN	100%	POLQ	100%	POLR1A	100%
POLR1B	100%	POLR1C	100%	POLR1D	100%	POLR1E	98%	POLR2A	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
POLR2B	99%	POLR2C	100%	POLR2D	96%	POLR2E	100%	POLR2F	100%
POLR2G	99%	POLR2H	100%	POLR2I	100%	POLR2J	45%	POLR2J2	0%
POLR2J3	3%	POLR2K	99%	POLR2L	100%	POLR2M	96%	POLR3A	100%
POLR3B	100%	POLR3C	100%	POLR3D	100%	POLR3E	100%	POLR3F	100%
POLR3G	98%	POLR3GL	100%	POLR3H	100%	POLR3K	100%	POLRMT	88%
POM121	48%	POM121C	50%	POM121L12	100%	POM121L2	100%	POMC	100%
POMGNT1	100%	POMP	100%	POMT1	100%	POMT2	100%	POMZP3	99%
PON1	100%	PON2	100%	PON3	100%	POP1	100%	POP4	100%
POP5	100%	POP7	100%	POPDC2	100%	POPDC3	100%	POR	100%
PORCN	100%	POSTN	100%	POT1	100%	POTEA	94%	POTEB	7%
POTEC	57%	POTED	12%	POTEE	54%	POTEF	54%	POTEG	42%
POTEH	41%	POTEM	22%	POU1F1	100%	POU2AF1	100%	POU2F1	99%
POU2F2	97%	POU2F3	100%	POU3F1	90%	POU3F2	95%	POU3F3	82%
POU3F4	100%	POU4F1	86%	POU4F2	100%	POU4F3	100%	POU5F1	100%
POU5F1B	100%	POU5F2	100%	POU6F1	98%	POU6F2	100%	PPA1	96%
PPA2	100%	PPAN	100%	PPAN-P2RY11	100%	PPAP2A	100%	PPAP2B	100%
PPAP2C	98%	PPAPDC1A	100%	PPAPDC1B	100%	PPAPDC2	99%	PPAPDC3	100%
PPARA	100%	PPARD	100%	PPARG	100%	PPARGC1A	100%	PPARGC1B	100%
PPAT	94%	PPBP	100%	PPCDC	100%	PPCS	100%	PPDPF	100%
PPEF1	99%	PPEF2	100%	PPFIA1	100%	PPFIA2	100%	PPFIA3	99%
PPFIA4	100%	PPFIBP1	99%	PPFIBP2	100%	PPHLN1	100%	PPIA	98%
PPIAL4A	3%	PPIAL4B	3%	PPIAL4C	0%	PPIAL4D	0%	PPIAL4E	35%
PPIAL4F	0%	PPIAL4G	100%	PPIB	100%	PPIC	100%	PPID	98%
PPIE	100%	PPIF	98%	PPIG	98%	PPIH	100%	PPIL1	100%
PPIL2	100%	PPIL3	82%	PPIL4	99%	PPIL6	100%	PPIP5K1	30%
PPIP5K2	99%	PPL	99%	PPM1A	100%	PPM1B	100%	PPM1D	100%
PPM1E	100%	PPM1F	99%	PPM1G	100%	PPM1H	100%	PPM1J	97%
PPM1K	100%	PPM1L	100%	PPM1M	100%	PPM1N	100%	PPME1	100%
PPOX	100%	PPP1CA	100%	PPP1CB	100%	PPP1CC	100%	PPP1R10	100%
PPP1R11	98%	PPP1R12A	99%	PPP1R12B	97%	PPP1R12C	92%	PPP1R13B	100%
PPP1R13L	98%	PPP1R14A	97%	PPP1R14B	54%	PPP1R14C	98%	PPP1R14D	81%
PPP1R15A	100%	PPP1R15B	100%	PPP1R16A	98%	PPP1R16B	100%	PPP1R17	100%
PPP1R18	99%	PPP1R1A	100%	PPP1R1B	100%	PPP1R1C	100%	PPP1R2	97%
PPP1R21	100%	PPP1R26	95%	PPP1R27	99%	PPP1R32	100%	PPP1R35	98%
PPP1R36	100%	PPP1R3A	100%	PPP1R3B	100%	PPP1R3C	100%	PPP1R3D	82%
PPP1R3F	97%	PPP1R3G	98%	PPP1R42	99%	PPP1R7	100%	PPP1R8	100%
PPP1R9A	100%	PPP1R9B	99%	PPP2CA	100%	PPP2CB	100%	PPP2R1A	100%
PPP2R1B	100%	PPP2R2A	100%	PPP2R2B	100%	PPP2R2C	100%	PPP2R2D	100%
PPP2R3A	100%	PPP2R3B (chrX)	92%	PPP2R3B (chrY)	0%	PPP2R3C	99%	PPP2R4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
PPP2R5A	100%	PPP2R5B	99%	PPP2R5C	97%	PPP2R5D	100%	PPP2R5E	95%
PPP3CA	100%	PPP3CB	97%	PPP3CC	100%	PPP3R1	100%	PPP3R2	100%
PPP4C	100%	PPP4R1	100%	PPP4R2	88%	PPP4R4	99%	PPP5C	100%
PPP6C	100%	PPP6R1	97%	PPP6R2	99%	PPP6R3	100%	PPPDE1	93%
PPPDE2	100%	PPRC1	100%	PPT1	100%	PPT2	100%	PPTC7	100%
PPWD1	100%	PPY	100%	PPYR1	100%	PQBP1	100%	PQLC1	98%
PQLC2	100%	PQLC3	100%	PRAC	98%	PRADC1	100%	PRAF2	89%
PRAM1	100%	PRAME	100%	PRAMEF1	60%	PRAMEF10	4%	PRAMEF11	73%
PRAMEF12	99%	PRAMEF13	0%	PRAMEF14	0%	PRAMEF15	0%	PRAMEF16	0%
PRAMEF17	0%	PRAMEF18	16%	PRAMEF19	16%	PRAMEF2	62%	PRAMEF20	7%
PRAMEF21	7%	PRAMEF22	5%	PRAMEF3	0%	PRAMEF4	73%	PRAMEF5	4%
PRAMEF6	8%	PRAMEF7	12%	PRAMEF8	8%	PRAMEF9	0%	PRAP1	100%
PRB1	99%	PRB2	100%	PRB3	97%	PRB4	100%	PRC1	100%
PRCC	100%	PRCD	100%	PRCP	100%	PRDM1	100%	PRDM10	100%
PRDM11	100%	PRDM12	90%	PRDM13	99%	PRDM14	99%	PRDM15	99%
PRDM16	100%	PRDM2	100%	PRDM4	100%	PRDM5	100%	PRDM6	98%
PRDM7	100%	PRDM8	97%	PRDM9	100%	PRDX1	100%	PRDX2	100%
PRDX3	94%	PRDX4	99%	PRDX5	96%	PRDX6	99%	PREB	100%
PRELID1	99%	PRELID2	100%	PRELP	100%	PREP	100%	PREPL	100%
PREX1	99%	PREX2	100%	PRF1	100%	PRG2	100%	PRG3	100%
PRG4	100%	PRH1	100%	PRH2	99%	PRHOXNB	100%	PRIC285	99%
PRICKLE1	100%	PRICKLE2	100%	PRICKLE3	100%	PRICKLE4	100%	PRIM1	99%
PRIM2	100%	PRIMA1	88%	PRKAA1	100%	PRKAA2	100%	PRKAB1	100%
PRKAB2	97%	PRKACA	100%	PRKACB	100%	PRKACG	100%	PRKAG1	100%
PRKAG2	100%	PRKAG3	100%	PRKAR1A	100%	PRKAR1B	100%	PRKAR2A	100%
PRKAR2B	98%	PRKCA	100%	PRKCB	100%	PRKCD	100%	PRKCDBP	100%
PRKCE	100%	PRKCG	100%	PRKCH	100%	PRKCI	92%	PRKCQ	100%
PRKCSH	100%	PRKCZ	99%	PRKD1	100%	PRKD2	99%	PRKD3	100%
PRKDC	100%	PRKG1	99%	PRKG2	99%	PRKRA	100%	PRKRIP1	100%
PRKRIR	35%	PRKX	87%	PRL	100%	PRLH	100%	PRLHR	100%
PRLR	100%	PRM1	100%	PRM2	100%	PRM3	99%	PRMT1	99%
PRMT10	100%	PRMT2	100%	PRMT3	100%	PRMT5	100%	PRMT6	100%
PRMT7	100%	PRMT8	100%	PRND	100%	PRNP	100%	PROC	100%
PROCA1	100%	PROCR	100%	PRODH	97%	PRODH2	100%	PROK1	100%
PROK2	100%	PROKR1	100%	PROKR2	100%	PROL1	100%	PROM1	100%
PROM2	99%	PROP1	100%	PROS1	99%	ProSAPiP1	100%	PROSC	100%
PROSER1	100%	PROX1	100%	PROX2	100%	PROZ	100%	PRPF18	100%
PRPF19	100%	PRPF3	100%	PRPF31	100%	PRPF38A	99%	PRPF38B	100%
PRPF39	100%	PRPF4	100%	PRPF40A	100%	PRPF40B	97%	PRPF4B	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>PRPF6</i>	100%	<i>PRPF8</i>	100%	<i>PRPH</i>	100%	<i>PRPH2</i>	100%	<i>PRPS1</i>	100%
<i>PRPS1L1</i>	100%	<i>PRPS2</i>	99%	<i>PRPSAP1</i>	97%	<i>PRPSAP2</i>	100%	<i>PRR11</i>	100%
<i>PRR12</i>	98%	<i>PRR13</i>	79%	<i>PRR14</i>	100%	<i>PRR14L</i>	100%	<i>PRR15</i>	100%
<i>PRR15L</i>	100%	<i>PRR16</i>	89%	<i>PRR18</i>	81%	<i>PRR19</i>	100%	<i>PRR20A</i>	0%
<i>PRR20B</i>	0%	<i>PRR20C</i>	0%	<i>PRR20D</i>	0%	<i>PRR20E</i>	0%	<i>PRR21</i>	54%
<i>PRR22</i>	99%	<i>PRR23A</i>	97%	<i>PRR23B</i>	97%	<i>PRR23C</i>	100%	<i>PRR24</i>	99%
<i>PRR25</i>	96%	<i>PRR3</i>	100%	<i>PRR4</i>	100%	<i>PRR5</i>	100%	<i>PRR5-ARHGAP8</i>	100%
<i>PRR5L</i>	100%	<i>PRR7</i>	100%	<i>PRR9</i>	100%	<i>PRRC1</i>	100%	<i>PRRC2A</i>	100%
<i>PRRC2B</i>	100%	<i>PRRC2C</i>	99%	<i>PRRG1</i>	93%	<i>PRRG2</i>	86%	<i>PRRG3</i>	100%
<i>PRRG4</i>	100%	<i>PRRT1</i>	99%	<i>PRRT2</i>	100%	<i>PRRT3</i>	100%	<i>PRRT4</i>	94%
<i>PRRX1</i>	100%	<i>PRRX2</i>	76%	<i>PRSS1</i>	100%	<i>PRSS12</i>	100%	<i>PRSS16</i>	100%
<i>PRSS2</i>	94%	<i>PRSS21</i>	96%	<i>PRSS22</i>	100%	<i>PRSS23</i>	100%	<i>PRSS27</i>	97%
<i>PRSS3</i>	93%	<i>PRSS33</i>	93%	<i>PRSS35</i>	100%	<i>PRSS36</i>	100%	<i>PRSS37</i>	100%
<i>PRSS38</i>	100%	<i>PRSS41</i>	91%	<i>PRSS42</i>	99%	<i>PRSS45</i>	100%	<i>PRSS48</i>	100%
<i>PRSS50</i>	99%	<i>PRSS53</i>	99%	<i>PRSS54</i>	100%	<i>PRSS55</i>	100%	<i>PRSS56</i>	100%
<i>PRSS57</i>	100%	<i>PRSS58</i>	100%	<i>PRSS8</i>	100%	<i>PRTFDC1</i>	100%	<i>PRTG</i>	100%
<i>PRTN3</i>	100%	<i>PRUNE</i>	100%	<i>PRUNE2</i>	100%	<i>PRX</i>	100%	<i>PRY</i>	0%
<i>PRY2</i>	0%	<i>PSAP</i>	100%	<i>PSAPL1</i>	100%	<i>PSAT1</i>	88%	<i>PSCA</i>	100%
<i>PSD</i>	100%	<i>PSD2</i>	100%	<i>PSD3</i>	100%	<i>PSD4</i>	100%	<i>PSEN1</i>	100%
<i>PSEN2</i>	100%	<i>PSENE1</i>	100%	<i>PSG1</i>	92%	<i>PSG11</i>	100%	<i>PSG2</i>	100%
<i>PSG3</i>	94%	<i>PSG4</i>	81%	<i>PSG5</i>	96%	<i>PSG6</i>	91%	<i>PSG7</i>	91%
<i>PSG8</i>	93%	<i>PSG9</i>	77%	<i>PSIP1</i>	99%	<i>PSKH1</i>	100%	<i>PSKH2</i>	98%
<i>PSMA1</i>	92%	<i>PSMA2</i>	95%	<i>PSMA3</i>	100%	<i>PSMA4</i>	100%	<i>PSMA5</i>	100%
<i>PSMA6</i>	98%	<i>PSMA7</i>	100%	<i>PSMA8</i>	99%	<i>PSMB1</i>	100%	<i>PSMB10</i>	100%
<i>PSMB11</i>	100%	<i>PSMB2</i>	100%	<i>PSMB3</i>	100%	<i>PSMB4</i>	100%	<i>PSMB5</i>	100%
<i>PSMB6</i>	100%	<i>PSMB7</i>	100%	<i>PSMB8</i>	100%	<i>PSMB9</i>	100%	<i>PSMC1</i>	86%
<i>PSMC2</i>	100%	<i>PSMC3</i>	100%	<i>PSMC3IP</i>	100%	<i>PSMC4</i>	100%	<i>PSMC5</i>	100%
<i>PSMC6</i>	95%	<i>PSMD1</i>	100%	<i>PSMD10</i>	99%	<i>PSMD11</i>	100%	<i>PSMD12</i>	99%
<i>PSMD13</i>	100%	<i>PSMD14</i>	100%	<i>PSMD2</i>	97%	<i>PSMD3</i>	100%	<i>PSMD4</i>	100%
<i>PSMD5</i>	100%	<i>PSMD6</i>	100%	<i>PSMD7</i>	100%	<i>PSMD8</i>	99%	<i>PSMD9</i>	100%
<i>PSME1</i>	100%	<i>PSME2</i>	100%	<i>PSME3</i>	100%	<i>PSME4</i>	100%	<i>PSMF1</i>	100%
<i>PSMG1</i>	99%	<i>PSMG2</i>	100%	<i>PSMG3</i>	98%	<i>PSMG4</i>	100%	<i>PSORS1C1</i>	100%
<i>PSORS1C2</i>	100%	<i>PSPC1</i>	100%	<i>PSPH</i>	100%	<i>PSPN</i>	100%	<i>PSRC1</i>	100%
<i>PSTK</i>	100%	<i>PSTPIP1</i>	100%	<i>PSTPIP2</i>	100%	<i>PTAFR</i>	100%	<i>PTAR1</i>	100%
<i>PTBP1</i>	99%	<i>PTBP2</i>	100%	<i>PTBP3</i>	100%	<i>PTCD1</i>	100%	<i>PTCD2</i>	100%
<i>PTCD3</i>	99%	<i>PTCH1</i>	100%	<i>PTCH2</i>	100%	<i>PTCHD1</i>	100%	<i>PTCHD2</i>	100%
<i>PTCHD3</i>	100%	<i>PTCRA</i>	100%	<i>PTDSS1</i>	100%	<i>PTDSS2</i>	93%	<i>PTEN</i>	100%
<i>PTER</i>	100%	<i>PTF1A</i>	95%	<i>PTGDR</i>	100%	<i>PTGDR2</i>	100%	<i>PTGDS</i>	100%
<i>PTGER1</i>	98%	<i>PTGER2</i>	100%	<i>PTGER3</i>	100%	<i>PTGER4</i>	100%	<i>PTGES</i>	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
PTGES2	93%	PTGES3	99%	PTGFR	100%	PTGFRN	98%	PTGIR	100%
PTGIS	99%	PTGR1	100%	PTGR2	100%	PTGS1	100%	PTGS2	100%
PTH	100%	PTH1R	100%	PTH2	100%	PTH2R	100%	PTHLH	100%
PTK2	99%	PTK2B	100%	PTK6	100%	PTK7	100%	PTMA	100%
PTMS	100%	PTN	100%	PTOV1	88%	PTP4A1	92%	PTP4A2	95%
PTP4A3	100%	PTPDC1	100%	PTPLA	97%	PTPLAD1	100%	PTPLAD2	100%
PTPLB	100%	PTPMT1	100%	PTPN1	100%	PTPN11	100%	PTPN12	100%
PTPN13	100%	PTPN14	100%	PTPN18	99%	PTPN2	87%	PTPN20A	3%
PTPN20B	3%	PTPN21	100%	PTPN22	100%	PTPN23	100%	PTPN3	100%
PTPN4	100%	PTPN5	100%	PTPN6	100%	PTPN7	100%	PTPN9	99%
PTPRA	100%	PTPRB	100%	PTPRC	100%	PTPRCAP	100%	PTPRD	100%
PTPRE	100%	PTPRF	100%	PTPRG	100%	PTPRH	100%	PTPRJ	99%
PTPRK	100%	PTPRM	100%	PTPRN	100%	PTPRN2	100%	PTPRO	100%
PTPRQ	100%	PTPRR	100%	PTPRS	99%	PTPRT	99%	PTPRU	99%
PTPRZ1	100%	PTRF	100%	PTRH1	95%	PTRH2	100%	PTRHD1	100%
PTS	100%	PTTG1	100%	PTTG1IP	100%	PTTG2	100%	PTX3	96%
PTX4	100%	PUF60	99%	PUM1	100%	PUM2	100%	PURA	99%
PURB	100%	PURG	100%	PUS1	100%	PUS10	100%	PUS3	100%
PUS7	100%	PUS7L	99%	PUSL1	100%	PVALB	100%	PVR	100%
PVRIG	91%	PVRL1	100%	PVRL2	98%	PVRL3	99%	PVRL4	100%
PWP1	100%	PWP2	100%	PWWP2A	100%	PWWP2B	99%	PXDC1	100%
PXDN	100%	PXDNL	100%	PXK	100%	PXMP2	83%	PXMP4	100%
PXN	100%	PXT1	100%	PYCARD	100%	PYCR1	100%	PYCR2	99%
PYCRL	97%	PYDC1	100%	PYDC2	100%	PYGB	100%	PYGL	100%
PYGM	100%	PYGO1	100%	PYGO2	99%	PYHIN1	100%	PYROXD1	94%
PYROXD2	100%	PYY	100%	PZP	100%	QARS	100%	QDPR	100%
QKI	100%	QPCT	100%	QPCTL	100%	QPRT	99%	QRFP	100%
QRFP	100%	QRICH1	100%	QRICH2	100%	QRSL1	98%	QSER1	100%
QSOX1	100%	QSOX2	99%	QTRT1	100%	QTRTD1	100%	R3HCC1	100%
R3HDM1	100%	R3HDM2	100%	R3HDM4	91%	R3HDML	100%	RAB10	100%
RAB11A	100%	RAB11B	100%	RAB11FIP1	99%	RAB11FIP2	100%	RAB11FIP3	92%
RAB11FIP4	99%	RAB11FIP5	100%	RAB12	98%	RAB13	100%	RAB14	99%
RAB15	100%	RAB17	100%	RAB18	100%	RAB19	100%	RAB1A	100%
RAB1B	100%	RAB20	100%	RAB21	100%	RAB22A	100%	RAB23	100%
RAB24	100%	RAB25	100%	RAB26	98%	RAB27A	100%	RAB27B	100%
RAB28	100%	RAB2A	100%	RAB2B	100%	RAB30	100%	RAB31	100%
RAB32	98%	RAB33A	100%	RAB33B	100%	RAB34	100%	RAB35	99%
RAB36	100%	RAB37	100%	RAB38	100%	RAB39A	100%	RAB39B	100%
RAB3A	100%	RAB3B	100%	RAB3C	100%	RAB3D	96%	RAB3GAP1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
RAB3GAP2	100%	RAB3IL1	98%	RAB3IP	100%	RAB40A	100%	RAB40AL	99%
RAB40B	100%	RAB40C	100%	RAB41	100%	RAB42	81%	RAB43	99%
RAB4A	100%	RAB4B	98%	RAB5A	100%	RAB5B	100%	RAB5C	100%
RAB6A	100%	RAB6B	100%	RAB6C	100%	RAB7A	100%	RAB7L1	100%
RAB8A	100%	RAB8B	100%	RAB9A	100%	RAB9B	100%	RABAC1	100%
RABEP1	100%	RABEP2	100%	RABEPK	100%	RABGAP1	100%	RABGAP1L	100%
RABGEF1	97%	RABGGTA	100%	RABGGTB	100%	RABIF	100%	RABL2A	88%
RABL2B	90%	RABL3	100%	RABL5	100%	RAC1	98%	RAC2	100%
RAC3	98%	RACGAP1	99%	RAD1	98%	RAD17	95%	RAD18	100%
RAD21	100%	RAD21L1	100%	RAD23A	99%	RAD23B	97%	RAD50	100%
RAD51	93%	RAD51AP1	98%	RAD51AP2	100%	RAD51B	100%	RAD51C	100%
RAD51D	100%	RAD52	100%	RAD54B	100%	RAD54L	100%	RAD54L2	100%
RAD9A	98%	RAD9B	100%	RADIL	100%	RAE1	100%	RAET1E	100%
RAET1G	95%	RAET1L	85%	RAF1	100%	RAG1	100%	RAG2	100%
RAI1	100%	RAI14	100%	RAI2	100%	RALA	93%	RALB	100%
RALBP1	92%	RALGAPA1	89%	RALGAPA2	100%	RALGAPB	100%	RALGDS	100%
RALGPS1	100%	RALGPS2	100%	RALY	100%	RALYL	99%	RAMP1	93%
RAMP2	89%	RAMP3	100%	RAN	97%	RANBP1	90%	RANBP10	100%
RANBP17	99%	RANBP2	72%	RANBP3	98%	RANBP3L	100%	RANBP6	100%
RANBP9	88%	RANGAP1	100%	RANGRF	100%	RAP1A	100%	RAP1B	100%
RAP1GAP	99%	RAP1GAP2	100%	RAP1GDS1	100%	RAP2A	100%	RAP2B	100%
RAP2C	100%	RAPGEF1	100%	RAPGEF2	100%	RAPGEF3	100%	RAPGEF4	98%
RAPGEF5	100%	RAPGEF6	100%	RAPGEFL1	98%	RAPH1	98%	RAPSN	100%
RARA	100%	RARB	100%	RARG	99%	RARRES1	99%	RARRES2	100%
RARRES3	100%	RARS	99%	RARS2	100%	RASA1	100%	RASA2	100%
RASA3	100%	RASA4	8%	RASAL1	99%	RASAL2	100%	RASAL3	94%
RASD1	100%	RASD2	100%	RASEF	100%	RASGEF1A	100%	RASGEF1B	100%
RASGEF1C	100%	RASGRF1	100%	RASGRF2	100%	RASGRP1	100%	RASGRP2	100%
RASGRP3	100%	RASGRP4	99%	RASIP1	96%	RASL10A	100%	RASL10B	100%
RASL11A	100%	RASL11B	100%	RASL12	100%	RASSF1	100%	RASSF10	100%
RASSF2	100%	RASSF3	100%	RASSF4	100%	RASSF5	98%	RASSF6	100%
RASSF7	96%	RASSF8	100%	RASSF9	100%	RAVER1	98%	RAVER2	93%
RAX	97%	RAX2	100%	RB1	99%	RB1CC1	100%	RBAK	99%
RBAK-LOC389458	92%	RBBP4	90%	RBBP5	100%	RBBP6	100%	RBBP7	100%
RBBP8	100%	RBBP9	100%	RBCK1	99%	RBFA	100%	RBFOX1	100%
RBFOX2	95%	RBFOX3	97%	RBKS	100%	RBL1	100%	RBL2	100%
RBM10	100%	RBM11	100%	RBM12	100%	RBM12B	100%	RBM14	100%
RBM14-RBM4	100%	RBM15	100%	RBM15B	95%	RBM17	100%	RBM18	100%
RBM19	100%	RBM20	100%	RBM22	98%	RBM23	100%	RBM24	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
RBM25	100%	RBM26	100%	RBM27	100%	RBM28	100%	RBM3	100%
RBM33	98%	RBM34	100%	RBM38	100%	RBM39	93%	RBM4	100%
RBM41	99%	RBM42	100%	RBM43	100%	RBM44	99%	RBM45	100%
RBM46	100%	RBM47	99%	RBM48	100%	RBM4B	100%	RBM5	100%
RBM6	100%	RBM7	100%	RBM8A	100%	RBMS1	95%	RBMS2	99%
RBMS3	100%	RBMX	97%	RBMX2	96%	RBMXL1	97%	RBMXL2	99%
RBMXL3	100%	RBMY1A1	1%	RBMY1B	1%	RBMY1D	1%	RBMY1E	0%
RBMY1F	0%	RBMY1J	0%	RBP1	95%	RBP2	100%	RBP3	100%
RBP4	100%	RBP5	100%	RBP7	100%	RBPJ	97%	RBPJL	100%
RBPMS	100%	RBPMS2	99%	RBX1	100%	RC3H1	100%	RC3H2	100%
RCAN1	98%	RCAN2	99%	RCAN3	100%	RCBTB1	100%	RCBTB2	100%
RCC1	100%	RCC2	94%	RCCD1	98%	RCE1	100%	RCHY1	100%
RCL1	99%	RCN1	94%	RCN2	95%	RCN3	100%	RCOR1	99%
RCOR2	87%	RCOR3	100%	RCSD1	100%	RCVRN	100%	RD3	100%
RDBP	100%	RDH10	100%	RDH11	99%	RDH12	100%	RDH13	100%
RDH14	98%	RDH16	100%	RDH5	100%	RDH8	100%	RDM1	89%
RDX	100%	REC8	100%	RECK	99%	RECQL	100%	RECQL4	100%
RECQL5	100%	REEP1	99%	REEP2	100%	REEP3	100%	REEP4	100%
REEP5	100%	REEP6	100%	REG1A	99%	REG1B	100%	REG3A	100%
REG3G	100%	REG4	100%	REL	96%	RELA	100%	RELB	99%
RELL1	100%	RELL2	98%	RELN	100%	RELT	100%	REM1	100%
REM2	100%	REN	100%	RENB	92%	REP15	100%	REPIN1	100%
REPS1	98%	REPS2	90%	RER1	100%	RERE	96%	RERG	100%
RERGL	100%	RESP18	100%	REST	100%	RET	100%	RETN	100%
RETNLB	100%	RETSAT	100%	REV1	100%	REV3L	100%	REXO1	98%
REXO1L1	6%	REXO2	100%	REXO4	100%	RFC1	100%	RFC2	100%
RFC3	100%	RFC4	100%	RFC5	100%	RFESD	92%	RFFL	100%
RFK	99%	RFNG	90%	RFPL1	100%	RFPL2	100%	RFPL3	100%
RFPL4A	100%	RFPL4B	100%	RFT1	100%	RFTN1	100%	RFTN2	100%
RFWD2	98%	RFWD3	100%	RFX1	99%	RFX2	100%	RFX3	100%
RFX4	100%	RFX5	100%	RFX6	100%	RFX7	100%	RFX8	100%
RFXANK	100%	RFXAP	100%	RG9MTD1	100%	RG9MTD2	100%	RG9MTD3	100%
RGAG1	99%	RGAG4	100%	RGL1	100%	RGL2	100%	RGL3	98%
RGL4	100%	RGMA	100%	RGMB	99%	RGN	100%	RGNEF	100%
RGP1	100%	RGPD1	8%	RGPD2	9%	RGPD3	41%	RGPD4	41%
RGPD5	10%	RGPD6	0%	RGPD8	30%	RGR	100%	RGS1	100%
RGS10	99%	RGS11	97%	RGS12	100%	RGS13	100%	RGS14	98%
RGS16	100%	RGS17	98%	RGS18	100%	RGS19	100%	RGS2	100%
RGS20	100%	RGS21	100%	RGS22	100%	RGS3	98%	RGS4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
RGS5	100%	RGS6	100%	RGS7	100%	RGS7BP	100%	RGS8	100%
RGS9	100%	RGS9BP	100%	RGSL1	100%	RHAG	100%	RHBDD1	100%
RHBDD2	100%	RHBDD3	95%	RHBDF1	98%	RHBDF2	100%	RHBDL1	99%
RHBDL2	100%	RHBDL3	94%	RHBG	100%	RHCE	92%	RHCG	100%
RHD	84%	RHEB	88%	RHEBL1	100%	RHO	100%	RHOA	100%
RHOB	100%	RHOBTB1	100%	RHOBTB2	100%	RHOBTB3	100%	RHOC	100%
RHOD	99%	RHOF	99%	RHOG	100%	RHOH	100%	RHOJ	100%
RHOQ	75%	RHOT1	99%	RHOT2	100%	RHOU	88%	RHOV	100%
RHOXF1	98%	RHOXF2	39%	RHOXF2B	39%	RHPN1	98%	RHPN2	99%
RIBC1	98%	RIBC2	100%	RIC3	100%	RIC8A	100%	RIC8B	100%
RICTOR	99%	RIF1	99%	RIIAD1	100%	RILP	95%	RILPL1	100%
RILPL2	100%	RIMBP2	100%	RIMBP3	2%	RIMBP3B	0%	RIMBP3C	0%
RIMKLA	100%	RIMKLB	100%	RIMS1	100%	RIMS2	100%	RIMS3	100%
RIMS4	98%	RIN1	99%	RIN2	100%	RIN3	99%	RING1	100%
RINL	98%	RINT1	100%	RIOK1	100%	RIOK2	100%	RIOK3	99%
RIPK1	100%	RIPK2	99%	RIPK3	100%	RIPK4	100%	RIPPLY1	97%
RIPPLY2	100%	RIT1	100%	RIT2	100%	RLBP1	100%	RLF	100%
RLIM	100%	RLN1	98%	RLN2	83%	RLN3	100%	RLTPR	97%
RMI1	100%	RMI2	76%	RMND1	100%	RMND5A	99%	RMND5B	100%
RNASE1	100%	RNASE10	100%	RNASE11	100%	RNASE12	100%	RNASE13	100%
RNASE2	100%	RNASE3	100%	RNASE4	100%	RNASE6	100%	RNASE7	100%
RNASE8	100%	RNASE9	100%	RNASEH1	98%	RNASEH2A	100%	RNASEH2B	100%
RNASEH2C	100%	RNASEK	100%	RNASEL	100%	RNASET2	100%	RND1	100%
RND2	99%	RND3	100%	RNF10	100%	RNF103	100%	RNF103-CHMP3	100%
RNF11	100%	RNF111	100%	RNF112	100%	RNF113A	100%	RNF113B	100%
RNF114	100%	RNF115	96%	RNF121	100%	RNF122	100%	RNF123	100%
RNF125	100%	RNF126	92%	RNF128	99%	RNF13	97%	RNF130	100%
RNF133	100%	RNF135	99%	RNF138	94%	RNF139	100%	RNF14	97%
RNF141	96%	RNF144A	100%	RNF144B	100%	RNF145	100%	RNF146	100%
RNF148	100%	RNF149	100%	RNF150	100%	RNF151	100%	RNF152	100%
RNF157	100%	RNF165	100%	RNF166	100%	RNF167	100%	RNF168	100%
RNF169	92%	RNF17	100%	RNF170	100%	RNF175	100%	RNF180	99%
RNF181	98%	RNF182	100%	RNF183	100%	RNF185	92%	RNF186	100%
RNF187	75%	RNF19A	100%	RNF19B	95%	RNF2	100%	RNF20	100%
RNF207	98%	RNF208	100%	RNF212	100%	RNF213	100%	RNF214	100%
RNF215	95%	RNF216	100%	RNF217	100%	RNF219	100%	RNF220	100%
RNF222	99%	RNF224	99%	RNF24	100%	RNF25	99%	RNF26	100%
RNF31	100%	RNF32	100%	RNF34	100%	RNF38	99%	RNF39	99%
RNF4	99%	RNF40	99%	RNF41	100%	RNF43	100%	RNF44	89%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
RNF5	100%	RNF6	100%	RNF7	94%	RNF8	100%	RNFT1	90%
RNFT2	100%	RNGTT	100%	RNH1	100%	RNLS	100%	RNMT	100%
RNMTL1	100%	RNPC3	94%	RNPEP	99%	RNPEPL1	100%	RNPS1	96%
ROBO1	100%	ROBO2	100%	ROBO3	100%	ROBO4	100%	ROCK1	100%
ROCK2	100%	ROGDI	100%	ROM1	100%	ROMO1	100%	ROPN1	85%
ROPN1B	95%	ROPN1L	100%	ROR1	97%	ROR2	100%	RORA	100%
RORB	100%	RORC	100%	ROS1	100%	RP1	100%	RP1L1	100%
RP2	100%	RP9	99%	RPA1	100%	RPA2	99%	RPA3	100%
RPA4	100%	RPAIN	100%	RPAP1	100%	RPAP2	100%	RPAP3	100%
RPE	100%	RPE65	100%	RPF1	100%	RPF2	89%	RPGR	86%
RPGRIP1	100%	RPGRIP1L	99%	RPH3A	100%	RPH3AL	95%	RP1A	100%
RPL10	100%	RPL10A	93%	RPL10L	100%	RPL11	100%	RPL12	99%
RPL13	99%	RPL13A	99%	RPL14	100%	RPL15	94%	RPL17	96%
RPL17-C18ORF32	97%	RPL18	100%	RPL18A	92%	RPL19	100%	RPL21	89%
RPL22	86%	RPL22L1	99%	RPL23	74%	RPL23A	100%	RPL24	99%
RPL26	97%	RPL26L1	100%	RPL27	85%	RPL27A	100%	RPL28	91%
RPL29	55%	RPL3	99%	RPL30	96%	RPL31	97%	RPL32	100%
RPL34	93%	RPL35	82%	RPL35A	97%	RPL36	91%	RPL36A	99%
RPL36A-HNRNPH2	100%	RPL36AL	86%	RPL37	100%	RPL37A	97%	RPL38	100%
RPL39	100%	RPL39L	99%	RPL3L	100%	RPL4	85%	RPL41	100%
RPL5	92%	RPL6	94%	RPL7	96%	RPL7A	95%	RPL7L1	66%
RPL8	98%	RPL9	98%	RPLP0	95%	RPLP1	79%	RPLP2	75%
RPN1	100%	RPN2	100%	RPP14	100%	RPP21	100%	RPP25	100%
RPP30	93%	RPP38	100%	RPP40	99%	RPRD1A	100%	RPRD1B	100%
RPRD2	100%	RPRM	100%	RPRML	99%	RPS10	99%	RPS10-NUDT3	100%
RPS11	98%	RPS12	90%	RPS13	100%	RPS14	99%	RPS15	98%
RPS15A	100%	RPS16	97%	RPS17	0%	RPS17L	0%	RPS18	98%
RPS19	99%	RPS19BP1	100%	RPS2	97%	RPS20	99%	RPS21	100%
RPS23	81%	RPS24	98%	RPS25	96%	RPS26	91%	RPS27	89%
RPS27A	62%	RPS27L	89%	RPS28	97%	RPS29	100%	RPS3	97%
RPS3A	98%	RPS4X	100%	RPS4Y1	61%	RPS4Y2	61%	RPS5	99%
RPS6	98%	RPS6KA1	98%	RPS6KA2	100%	RPS6KA3	100%	RPS6KA4	98%
RPS6KA5	100%	RPS6KA6	99%	RPS6KB1	100%	RPS6KB2	100%	RPS6KC1	100%
RPS6KL1	100%	RPS7	84%	RPS8	96%	RPS9	100%	RPSA	100%
RPTN	100%	RPTOR	100%	RPUSD1	100%	RPUSD2	99%	RPUSD3	96%
RPUSD4	100%	RQCD1	100%	RRAD	88%	RRAGA	100%	RRAGB	100%
RRAGC	100%	RRAGD	100%	RRAS	99%	RRAS2	100%	RRBP1	100%
RREB1	99%	RRH	100%	RRM1	100%	RRM2	99%	RRM2B	100%
RRN3	77%	RRNAD1	100%	RRP1	99%	RRP12	100%	RRP15	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
RRP1B	100%	RRP36	94%	RRP7A	96%	RRP8	100%	RRP9	100%
RRS1	100%	RS1	100%	RSAD1	100%	RSAD2	100%	RSBN1	100%
RSBN1L	100%	RSC1A1	100%	RSF1	100%	RSG1	100%	RSL1D1	100%
RSL24D1	92%	RSPH1	100%	RSPH10B	46%	RSPH10B2	46%	RSPH3	100%
RSPH4A	100%	RSPH6A	100%	RSPH9	100%	RSPO1	100%	RSPO2	97%
RSPO3	100%	RSPO4	100%	RSPRY1	100%	RSRC1	100%	RSRC2	100%
RSU1	100%	RTBDN	99%	RTCD1	100%	RTDR1	99%	RTEL1	99%
RTF1	99%	RTKN	100%	RTKN2	100%	RTL1	100%	RTN1	99%
RTN2	100%	RTN3	100%	RTN4	99%	RTN4IP1	100%	RTN4R	100%
RTN4RL1	99%	RTN4RL2	100%	RTP1	100%	RTP2	100%	RTP3	100%
RTP4	100%	RTTN	100%	RUFY1	99%	RUFY2	99%	RUFY3	91%
RUFY4	100%	RUNDC1	100%	RUNDC3A	97%	RUNDC3B	99%	RUNX1	100%
RUNX1T1	100%	RUNX2	100%	RUNX3	100%	RUSC1	99%	RUSC1-AS1	98%
RUSC2	100%	RUVBL1	100%	RUVBL2	100%	RWDD1	97%	RWDD2A	100%
RWDD2B	100%	RWDD3	100%	RWDD4	77%	RXFP1	100%	RXFP2	100%
RXFP3	100%	RXFP4	100%	RXRA	99%	RXRB	96%	RXRG	100%
RYBP	100%	RYK	96%	RYR1	99%	RYR2	100%	RYR3	100%
S100A1	100%	S100A10	100%	S100A11	100%	S100A12	100%	S100A13	100%
S100A14	100%	S100A16	100%	S100A2	100%	S100A3	100%	S100A4	100%
S100A5	100%	S100A6	100%	S100A7	100%	S100A7A	100%	S100A7L2	100%
S100A8	100%	S100A9	100%	S100B	100%	S100G	100%	S100P	100%
S100PBP	100%	S100Z	100%	S1PR1	100%	S1PR2	99%	S1PR3	100%
S1PR4	99%	S1PR5	100%	SAA1	100%	SAA2	100%	SAA2-SAA4	100%
SAA4	100%	SAAL1	100%	SAC3D1	98%	SACM1L	100%	SACS	100%
SAE1	95%	SAFB	83%	SAFB2	82%	SAG	100%	SAGE1	100%
SALL1	100%	SALL2	100%	SALL3	92%	SALL4	100%	SAMD1	78%
SAMD10	99%	SAMD11	91%	SAMD12	100%	SAMD13	100%	SAMD14	99%
SAMD15	100%	SAMD3	99%	SAMD4A	100%	SAMD4B	100%	SAMD5	100%
SAMD7	100%	SAMD8	100%	SAMD9	100%	SAMD9L	100%	SAMHD1	100%
SAMM50	100%	SAMSN1	100%	SAP130	100%	SAP18	99%	SAP25	100%
SAP30	96%	SAP30BP	100%	SAP30L	100%	SAPCD1	99%	SAR1A	95%
SAR1B	100%	SARDH	100%	SARM1	98%	SARNP	100%	SARS	99%
SARS2	100%	SART1	97%	SART3	100%	SASH1	100%	SASH3	97%
SASS6	100%	SAT1	100%	SAT2	100%	SATB1	100%	SATB2	100%
SATL1	100%	SAV1	100%	SAYSD1	100%	SBDS	100%	SBF1	99%
SBF2	100%	SBK1	92%	SBK2	100%	SBNO1	99%	SBNO2	94%
SBSN	100%	SC5DL	100%	SCAF1	93%	SCAF11	100%	SCAF4	100%
SCAF8	100%	SCAI	99%	SCAMP1	100%	SCAMP2	99%	SCAMP3	99%
SCAMP4	100%	SCAMP5	100%	SCAND1	100%	SCAND3	100%	SCAP	100%

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SCAPER	100%	SCARA3	100%	SCARA5	100%	SCARB1	100%	SCARB2	100%
SCARF1	94%	SCARF2	99%	SCCPDH	99%	SCD	100%	SCD5	100%
SCEL	100%	SCFD1	100%	SCFD2	100%	SCG2	100%	SCG3	100%
SCG5	99%	SCGB1A1	100%	SCGB1C1	100%	SCGB1D1	100%	SCGB1D2	100%
SCGB1D4	100%	SCGB2A1	100%	SCGB2A2	100%	SCGB2B2	94%	SCGB3A1	93%
SCGB3A2	100%	SCGN	100%	SCHIP1	100%	SCIMP	100%	SCIN	100%
SCLT1	100%	SCLY	98%	SCMH1	100%	SCML1	100%	SCML2	100%
SCML4	100%	SCN10A	100%	SCN11A	100%	SCN1A	100%	SCN1B	99%
SCN2A	100%	SCN2B	100%	SCN3A	100%	SCN3B	100%	SCN4A	100%
SCN4B	100%	SCN5A	100%	SCN7A	100%	SCN8A	100%	SCN9A	100%
SCNM1	100%	SCNN1A	100%	SCNN1B	100%	SCNN1D	100%	SCNN1G	100%
SCO1	100%	SCO2	100%	SCOC	95%	SCP2	100%	SCPEP1	100%
SCRG1	100%	SCRIB	100%	SCRN1	100%	SCRN2	99%	SCRN3	100%
SCRT1	96%	SCRT2	95%	SCT	75%	SCTR	100%	SCUBE1	98%
SCUBE2	100%	SCUBE3	100%	SCXA	0%	SCXB	0%	SCYL1	100%
SCYL2	97%	SCYL3	100%	SDAD1	96%	SDC1	95%	SDC2	100%
SDC3	89%	SDC4	100%	SDCBP	93%	SDCBP2	100%	SDCCAG3	90%
SDCCAG8	100%	SDF2	100%	SDF2L1	99%	SDF4	100%	SDHA	87%
SDHAF1	100%	SDHAF2	100%	SDHB	100%	SDHC	100%	SDHD	100%
SDK1	95%	SDK2	100%	SDPR	100%	SDR16C5	100%	SDR39U1	100%
SDR42E1	100%	SDR9C7	100%	SDS	96%	SDSL	97%	SEBOX	100%
SEC11A	99%	SEC11C	100%	SEC13	100%	SEC14L1	100%	SEC14L2	100%
SEC14L3	100%	SEC14L4	100%	SEC14L5	100%	SEC14L6	100%	SEC16A	100%
SEC16B	100%	SEC22A	100%	SEC22B	100%	SEC22C	100%	SEC23A	100%
SEC23B	100%	SEC23IP	100%	SEC24A	100%	SEC24B	97%	SEC24C	100%
SEC24D	100%	SEC31A	100%	SEC31B	99%	SEC61A1	100%	SEC61A2	99%
SEC61B	96%	SEC61G	100%	SEC62	95%	SEC63	100%	SECISBP2	100%
SECISBP2L	100%	SECTM1	99%	SEH1L	100%	SEL1L	99%	SEL1L2	98%
SEL1L3	97%	SELE	100%	SELENBP1	100%	SELK	100%	SELL	100%
SELM	100%	SELO	91%	SELP	100%	SELPLG	100%	SELRC1	100%
SELS	100%	SELT	83%	SELV	100%	SEMA3A	100%	SEMA3B	98%
SEMA3C	100%	SEMA3D	100%	SEMA3E	100%	SEMA3F	100%	SEMA3G	98%
SEMA4A	100%	SEMA4B	99%	SEMA4C	100%	SEMA4D	100%	SEMA4F	100%
SEMA4G	99%	SEMA5A	99%	SEMA5B	100%	SEMA6A	100%	SEMA6B	89%
SEMA6C	99%	SEMA6D	100%	SEMA7A	99%	SEMG1	100%	SEMG2	100%
SENP1	100%	SENP2	100%	SENP3	100%	SENP5	100%	SENP6	99%
SENP7	99%	SENP8	100%	SEP15	100%	SEPHS1	100%	SEPHS2	97%
SEPN1	90%	SEPP1	96%	SEPSECS	100%	SEPT1	100%	SEPT10	96%
SEPT11	100%	SEPT12	100%	SEPT14	83%	SEPT2	100%	SEPT3	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SEPT4	100%	SEPT5	100%	SEPT6	99%	SEPT7	70%	SEPT8	99%
SEPT9	100%	SEPW1	100%	SEPX1	100%	SERAC1	100%	SERBP1	83%
SERF1A	4%	SERF1B	4%	SERF2	100%	SERGEF	99%	SERHL2	56%
SERINC1	100%	SERINC2	100%	SERINC3	100%	SERINC4	99%	SERINC5	97%
SERP1	100%	SERP2	100%	SERPINA1	100%	SERPINA10	100%	SERPINA11	99%
SERPINA12	100%	SERPINA3	100%	SERPINA4	100%	SERPINA5	100%	SERPINA6	100%
SERPINA7	100%	SERPINA9	100%	SERPINB1	100%	SERPINB10	100%	SERPINB11	100%
SERPINB12	100%	SERPINB13	100%	SERPINB2	100%	SERPINB3	100%	SERPINB4	100%
SERPINB5	100%	SERPINB6	100%	SERPINB7	100%	SERPINB8	100%	SERPINB9	100%
SERPINC1	100%	SERPIND1	100%	SERPINE1	100%	SERPINE2	100%	SERPINE3	100%
SERPINF1	100%	SERPINF2	100%	SERPING1	100%	SERPINH1	100%	SERPINI1	100%
SERPINI2	100%	SERTAD1	100%	SERTAD2	100%	SERTAD3	100%	SERTAD4	100%
SERTM1	100%	SES1	100%	SES2	100%	SES3	100%	SESTD1	100%
SET	94%	SETBP1	99%	SETD1A	99%	SETD1B	96%	SETD2	100%
SETD3	100%	SETD4	100%	SETD5	100%	SETD6	99%	SETD7	100%
SETD8	94%	SETDB1	100%	SETDB2	100%	SETMAR	79%	SETX	100%
SEZ6	100%	SEZ6L	98%	SEZ6L2	100%	SF1	92%	SF3A1	99%
SF3A2	81%	SF3A3	98%	SF3B1	100%	SF3B14	100%	SF3B2	99%
SF3B3	100%	SF3B4	100%	SF3B5	100%	SFI1	100%	SFMBT1	100%
SFMBT2	100%	SFN	100%	SFPQ	98%	SFR1	97%	SFRP1	100%
SFRP2	100%	SFRP4	100%	SFRP5	99%	SFSWAP	100%	SFT2D1	100%
SFT2D2	100%	SFT2D3	66%	SFTA2	100%	SFTA3	100%	SFTPA1	100%
SFTPA2	100%	SFTPB	100%	SFTPC	100%	SFTPD	100%	SFXN1	100%
SFXN2	100%	SFXN3	100%	SFXN4	100%	SFXN5	100%	SGCA	100%
SGCB	98%	SGCD	100%	SGCE	98%	SGCG	100%	SGCZ	99%
SGIP1	100%	SGK1	100%	SGK196	100%	SGK2	99%	SGK223	99%
SGK3	100%	SGK494	100%	SGMS1	100%	SGMS2	100%	SGOL1	100%
SGOL2	100%	SGPL1	100%	SGPP1	100%	SGPP2	96%	SGSH	97%
SGSM1	100%	SGSM2	98%	SGSM3	100%	SGTA	100%	SGTB	100%
SH2B1	100%	SH2B2	98%	SH2B3	98%	SH2D1A	100%	SH2D1B	100%
SH2D2A	99%	SH2D3A	100%	SH2D3C	98%	SH2D4A	100%	SH2D4B	99%
SH2D5	99%	SH2D6	82%	SH2D7	100%	SH3BGR	100%	SH3BGRL	99%
SH3BGRL2	100%	SH3BGRL3	100%	SH3BP1	91%	SH3BP2	91%	SH3BP4	100%
SH3BP5	100%	SH3BP5L	100%	SH3D19	100%	SH3D21	99%	SH3GL1	100%
SH3GL2	100%	SH3GL3	100%	SH3GLB1	100%	SH3GLB2	98%	SH3KBP1	98%
SH3PXD2A	100%	SH3PXD2B	100%	SH3RF1	99%	SH3RF2	100%	SH3RF3	97%
SH3TC1	99%	SH3TC2	100%	SH3YL1	100%	SHANK1	95%	SHANK2	100%
SHANK3	95%	SHARPIN	96%	SHB	100%	SHBG	100%	SHC1	100%
SHC2	82%	SHC3	98%	SHC4	100%	SHCBP1	99%	SHCBP1L	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SHD	100%	SHE	100%	SHF	98%	SHFM1	100%	SHH	100%
SHISA2	96%	SHISA3	100%	SHISA4	100%	SHISA5	100%	SHISA6	97%
SHISA7	92%	SHISA9	100%	SHKBP1	100%	SHMT1	100%	SHMT2	100%
SHOC2	100%	SHOX (chrX)	95%	SHOX (chrY)	0%	SHOX2	100%	SHPK	100%
SHPRH	100%	SHQ1	96%	SHROOM1	99%	SHROOM2	98%	SHROOM3	100%
SHROOM4	100%	SI	100%	SIAE	100%	SIAH1	100%	SIAH2	99%
SIAH3	100%	SIDT1	100%	SIDT2	100%	SIGIRR	100%	SIGLEC1	98%
SIGLEC10	98%	SIGLEC11	81%	SIGLEC12	100%	SIGLEC14	62%	SIGLEC15	93%
SIGLEC5	78%	SIGLEC6	100%	SIGLEC7	100%	SIGLEC8	100%	SIGLEC9	100%
SIGMAR1	100%	SIK1	99%	SIK2	100%	SIK3	100%	SIKE1	100%
SIL1	100%	SIM1	100%	SIM2	94%	SIN3A	100%	SIN3B	96%
SIPA1	100%	SIPA1L1	100%	SIPA1L2	100%	SIPA1L3	99%	SIRPA	99%
SIRPB1	80%	SIRPB2	100%	SIRPD	100%	SIRPG	100%	SIRT1	98%
SIRT2	100%	SIRT3	100%	SIRT4	100%	SIRT5	100%	SIRT6	93%
SIRT7	85%	SIT1	100%	SIVA1	100%	SIX1	100%	SIX2	100%
SIX3	100%	SIX4	100%	SIX5	99%	SIX6	100%	SKA1	100%
SKA2	93%	SKA3	100%	SKAP1	100%	SKAP2	100%	SKI	100%
SKIL	100%	SKIV2L	100%	SKIV2L2	100%	SKOR1	100%	SKP1	99%
SKP2	93%	SLA	99%	SLA2	100%	SLAIN1	100%	SLAIN2	100%
SLAMF1	100%	SLAMF6	100%	SLAMF7	100%	SLAMF8	100%	SLAMF9	100%
SLBP	88%	SLC10A1	100%	SLC10A2	100%	SLC10A3	100%	SLC10A4	98%
SLC10A5	100%	SLC10A6	100%	SLC10A7	100%	SLC11A1	100%	SLC11A2	100%
SLC12A1	100%	SLC12A2	97%	SLC12A3	100%	SLC12A4	100%	SLC12A5	100%
SLC12A6	100%	SLC12A7	99%	SLC12A8	100%	SLC12A9	100%	SLC13A1	98%
SLC13A2	100%	SLC13A3	99%	SLC13A4	100%	SLC13A5	100%	SLC14A1	100%
SLC14A2	99%	SLC15A1	100%	SLC15A2	100%	SLC15A3	94%	SLC15A4	95%
SLC15A5	100%	SLC16A1	100%	SLC16A10	94%	SLC16A11	100%	SLC16A12	100%
SLC16A13	100%	SLC16A14	100%	SLC16A2	100%	SLC16A3	100%	SLC16A4	100%
SLC16A5	100%	SLC16A6	99%	SLC16A7	100%	SLC16A8	98%	SLC16A9	100%
SLC17A1	100%	SLC17A2	100%	SLC17A3	100%	SLC17A4	100%	SLC17A5	100%
SLC17A6	100%	SLC17A7	100%	SLC17A8	100%	SLC17A9	95%	SLC18A1	100%
SLC18A2	100%	SLC18A3	100%	SLC19A1	100%	SLC19A2	100%	SLC19A3	100%
SLC1A1	100%	SLC1A2	100%	SLC1A3	100%	SLC1A4	100%	SLC1A5	100%
SLC1A6	100%	SLC1A7	100%	SLC20A1	100%	SLC20A2	100%	SLC22A1	100%
SLC22A10	100%	SLC22A11	97%	SLC22A12	100%	SLC22A13	100%	SLC22A14	100%
SLC22A15	99%	SLC22A16	100%	SLC22A17	98%	SLC22A18	99%	SLC22A18AS	100%
SLC22A2	100%	SLC22A20	100%	SLC22A23	96%	SLC22A24	100%	SLC22A25	100%
SLC22A3	100%	SLC22A4	100%	SLC22A5	100%	SLC22A6	100%	SLC22A7	99%
SLC22A8	100%	SLC22A9	100%	SLC23A1	98%	SLC23A2	100%	SLC23A3	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
<i>SLC24A1</i>	100%	<i>SLC24A2</i>	100%	<i>SLC24A3</i>	100%	<i>SLC24A4</i>	100%	<i>SLC24A5</i>	100%
<i>SLC24A6</i>	100%	<i>SLC25A1</i>	96%	<i>SLC25A10</i>	100%	<i>SLC25A11</i>	100%	<i>SLC25A12</i>	100%
<i>SLC25A13</i>	100%	<i>SLC25A14</i>	100%	<i>SLC25A15</i>	99%	<i>SLC25A16</i>	100%	<i>SLC25A17</i>	100%
<i>SLC25A18</i>	100%	<i>SLC25A19</i>	100%	<i>SLC25A2</i>	100%	<i>SLC25A20</i>	100%	<i>SLC25A21</i>	100%
<i>SLC25A22</i>	100%	<i>SLC25A23</i>	100%	<i>SLC25A24</i>	98%	<i>SLC25A25</i>	100%	<i>SLC25A26</i>	100%
<i>SLC25A27</i>	100%	<i>SLC25A28</i>	89%	<i>SLC25A29</i>	100%	<i>SLC25A3</i>	100%	<i>SLC25A30</i>	100%
<i>SLC25A31</i>	100%	<i>SLC25A32</i>	100%	<i>SLC25A33</i>	92%	<i>SLC25A34</i>	97%	<i>SLC25A35</i>	98%
<i>SLC25A36</i>	98%	<i>SLC25A37</i>	100%	<i>SLC25A38</i>	98%	<i>SLC25A39</i>	100%	<i>SLC25A4</i>	100%
<i>SLC25A40</i>	100%	<i>SLC25A41</i>	99%	<i>SLC25A42</i>	98%	<i>SLC25A43</i>	89%	<i>SLC25A44</i>	100%
<i>SLC25A45</i>	100%	<i>SLC25A46</i>	100%	<i>SLC25A47</i>	100%	<i>SLC25A48</i>	100%	<i>SLC25A5</i>	98%
<i>SLC25A6 (chrX)</i>	100%	<i>SLC25A6 (chrY)</i>	0%	<i>SLC26A1</i>	100%	<i>SLC26A10</i>	100%	<i>SLC26A11</i>	100%
<i>SLC26A2</i>	100%	<i>SLC26A3</i>	100%	<i>SLC26A4</i>	100%	<i>SLC26A5</i>	100%	<i>SLC26A6</i>	100%
<i>SLC26A7</i>	100%	<i>SLC26A8</i>	100%	<i>SLC26A9</i>	99%	<i>SLC27A1</i>	100%	<i>SLC27A2</i>	100%
<i>SLC27A3</i>	99%	<i>SLC27A4</i>	100%	<i>SLC27A5</i>	100%	<i>SLC27A6</i>	99%	<i>SLC28A1</i>	100%
<i>SLC28A2</i>	100%	<i>SLC28A3</i>	100%	<i>SLC29A1</i>	100%	<i>SLC29A2</i>	100%	<i>SLC29A3</i>	100%
<i>SLC29A4</i>	84%	<i>SLC2A1</i>	100%	<i>SLC2A10</i>	100%	<i>SLC2A11</i>	100%	<i>SLC2A12</i>	100%
<i>SLC2A13</i>	100%	<i>SLC2A14</i>	94%	<i>SLC2A2</i>	100%	<i>SLC2A3</i>	100%	<i>SLC2A4</i>	100%
<i>SLC2A4RG</i>	86%	<i>SLC2A5</i>	100%	<i>SLC2A6</i>	97%	<i>SLC2A7</i>	100%	<i>SLC2A8</i>	98%
<i>SLC2A9</i>	100%	<i>SLC30A1</i>	100%	<i>SLC30A10</i>	100%	<i>SLC30A2</i>	100%	<i>SLC30A3</i>	100%
<i>SLC30A4</i>	100%	<i>SLC30A5</i>	100%	<i>SLC30A6</i>	99%	<i>SLC30A7</i>	100%	<i>SLC30A8</i>	100%
<i>SLC30A9</i>	100%	<i>SLC31A1</i>	100%	<i>SLC31A2</i>	100%	<i>SLC32A1</i>	100%	<i>SLC33A1</i>	100%
<i>SLC34A1</i>	100%	<i>SLC34A2</i>	100%	<i>SLC34A3</i>	100%	<i>SLC35A1</i>	100%	<i>SLC35A2</i>	97%
<i>SLC35A3</i>	99%	<i>SLC35A4</i>	100%	<i>SLC35A5</i>	100%	<i>SLC35B1</i>	100%	<i>SLC35B2</i>	99%
<i>SLC35B3</i>	98%	<i>SLC35B4</i>	100%	<i>SLC35C1</i>	100%	<i>SLC35C2</i>	100%	<i>SLC35D1</i>	100%
<i>SLC35D2</i>	99%	<i>SLC35D3</i>	92%	<i>SLC35E1</i>	98%	<i>SLC35E2</i>	59%	<i>SLC35E2B</i>	70%
<i>SLC35E3</i>	100%	<i>SLC35E4</i>	100%	<i>SLC35F1</i>	100%	<i>SLC35F2</i>	99%	<i>SLC35F3</i>	100%
<i>SLC35F4</i>	100%	<i>SLC35F5</i>	100%	<i>SLC35G1</i>	98%	<i>SLC35G3</i>	58%	<i>SLC35G5</i>	58%
<i>SLC35G6</i>	61%	<i>SLC36A1</i>	100%	<i>SLC36A2</i>	100%	<i>SLC36A3</i>	95%	<i>SLC36A4</i>	100%
<i>SLC37A1</i>	100%	<i>SLC37A2</i>	100%	<i>SLC37A3</i>	100%	<i>SLC37A4</i>	100%	<i>SLC38A1</i>	100%
<i>SLC38A10</i>	99%	<i>SLC38A11</i>	100%	<i>SLC38A2</i>	100%	<i>SLC38A3</i>	100%	<i>SLC38A4</i>	100%
<i>SLC38A5</i>	99%	<i>SLC38A6</i>	92%	<i>SLC38A7</i>	100%	<i>SLC38A8</i>	97%	<i>SLC38A9</i>	100%
<i>SLC39A1</i>	100%	<i>SLC39A10</i>	100%	<i>SLC39A11</i>	100%	<i>SLC39A12</i>	100%	<i>SLC39A13</i>	100%
<i>SLC39A14</i>	100%	<i>SLC39A2</i>	100%	<i>SLC39A3</i>	100%	<i>SLC39A4</i>	100%	<i>SLC39A5</i>	100%
<i>SLC39A6</i>	100%	<i>SLC39A7</i>	100%	<i>SLC39A8</i>	99%	<i>SLC39A9</i>	100%	<i>SLC3A1</i>	100%
<i>SLC3A2</i>	96%	<i>SLC40A1</i>	100%	<i>SLC41A1</i>	100%	<i>SLC41A2</i>	100%	<i>SLC41A3</i>	100%
<i>SLC43A1</i>	100%	<i>SLC43A2</i>	100%	<i>SLC43A3</i>	100%	<i>SLC44A1</i>	99%	<i>SLC44A2</i>	100%
<i>SLC44A3</i>	100%	<i>SLC44A4</i>	100%	<i>SLC44A5</i>	100%	<i>SLC45A1</i>	100%	<i>SLC45A2</i>	100%
<i>SLC45A3</i>	100%	<i>SLC45A4</i>	99%	<i>SLC46A1</i>	100%	<i>SLC46A2</i>	99%	<i>SLC46A3</i>	100%
<i>SLC47A1</i>	100%	<i>SLC47A2</i>	100%	<i>SLC48A1</i>	99%	<i>SLC4A1</i>	100%	<i>SLC4A10</i>	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SLC4A11	100%	SLC4A1AP	100%	SLC4A2	98%	SLC4A3	100%	SLC4A4	100%
SLC4A5	100%	SLC4A7	100%	SLC4A8	100%	SLC4A9	100%	SLC50A1	100%
SLC5A1	100%	SLC5A10	100%	SLC5A11	100%	SLC5A12	100%	SLC5A2	100%
SLC5A3	100%	SLC5A4	100%	SLC5A5	100%	SLC5A6	100%	SLC5A7	100%
SLC5A8	100%	SLC5A9	100%	SLC6A1	100%	SLC6A11	100%	SLC6A12	100%
SLC6A13	100%	SLC6A14	94%	SLC6A15	99%	SLC6A16	100%	SLC6A17	100%
SLC6A18	100%	SLC6A19	100%	SLC6A2	100%	SLC6A20	100%	SLC6A3	100%
SLC6A4	100%	SLC6A5	100%	SLC6A6	100%	SLC6A7	100%	SLC6A8	94%
SLC6A9	100%	SLC7A1	100%	SLC7A10	100%	SLC7A11	100%	SLC7A13	100%
SLC7A14	100%	SLC7A2	100%	SLC7A3	99%	SLC7A4	100%	SLC7A5	92%
SLC7A6	100%	SLC7A6OS	99%	SLC7A7	100%	SLC7A8	100%	SLC7A9	100%
SLC8A1	100%	SLC8A2	99%	SLC8A3	100%	SLC9A1	100%	SLC9A10	98%
SLC9A11	99%	SLC9A2	100%	SLC9A3	99%	SLC9A3R1	100%	SLC9A3R2	95%
SLC9A4	100%	SLC9A5	100%	SLC9A6	100%	SLC9A7	97%	SLC9A8	100%
SLC9A9	100%	SLC9B1	30%	SLC9B2	100%	SLCO1A2	100%	SLCO1B1	100%
SLCO1B3	100%	SLCO1B7	100%	SLCO1C1	100%	SLCO2A1	100%	SLCO2B1	100%
SLCO3A1	100%	SLCO4A1	99%	SLCO4C1	99%	SLCO5A1	100%	SLCO6A1	99%
SLFN11	95%	SLFN12	100%	SLFN12L	100%	SLFN13	100%	SLFN14	100%
SLFN5	100%	SLFNL1	100%	SLIRP	100%	SLIT1	99%	SLIT2	100%
SLIT3	100%	SLITRK1	100%	SLITRK2	100%	SLITRK3	100%	SLITRK4	100%
SLITRK5	100%	SLITRK6	100%	SLK	100%	SLMAP	100%	SLMO1	97%
SLMO2	98%	SLN	100%	SLPI	100%	SLTM	100%	SLU7	100%
SLURP1	100%	SLX1A	11%	SLX1B	11%	SLX4	100%	SMAD1	100%
SMAD2	100%	SMAD3	100%	SMAD4	100%	SMAD5	100%	SMAD6	98%
SMAD7	100%	SMAD9	100%	SMAGP	100%	SMAP1	100%	SMAP2	100%
SMARCA1	99%	SMARCA2	98%	SMARCA4	100%	SMARCA5	100%	SMARCAD1	100%
SMARCA11	100%	SMARCB1	100%	SMARCC1	100%	SMARCC2	100%	SMARCD1	98%
SMARCD2	87%	SMARCD3	87%	SMARCE1	97%	SMC1A	100%	SMC1B	100%
SMC2	100%	SMC3	97%	SMC4	98%	SMC5	98%	SMC6	100%
SMCHD1	100%	SMCP	100%	SMCR7	100%	SMCR7L	100%	SMCR8	100%
SMEK1	100%	SMEK2	99%	SMG1	66%	SMG5	99%	SMG6	100%
SMG7	100%	SMG8	100%	SMG9	100%	SMN1	6%	SMN2	6%
SMNDC1	100%	SMO	100%	SMOC1	100%	SMOC2	100%	SMOX	100%
SMPD1	100%	SMPD2	100%	SMPD3	100%	SMPD4	96%	SMPDL3A	100%
SMPDL3B	100%	SMPX	100%	SMR3A	100%	SMR3B	100%	SMS	96%
SMTN	100%	SMTNL1	100%	SMTNL2	93%	SMU1	90%	SMUG1	100%
SMURF1	100%	SMURF2	93%	SMYD1	100%	SMYD2	100%	SMYD3	100%
SMYD4	100%	SMYD5	100%	SNAI1	100%	SNAI2	100%	SNAI3	100%
SNAP23	100%	SNAP25	100%	SNAP29	100%	SNAP47	100%	SNAP91	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SNAPC1	100%	SNAPC2	99%	SNAPC3	99%	SNAPC4	100%	SNAPC5	100%
SNAPIN	100%	SNCA	100%	SNCAIP	100%	SNCB	100%	SNCG	100%
SND1	100%	SNED1	100%	SNF8	95%	SNIP1	100%	SNN	100%
SNPH	100%	SNRK	100%	SNRNP200	100%	SNRNP25	100%	SNRNP27	100%
SNRNP35	100%	SNRNP40	100%	SNRNP48	99%	SNRNP70	100%	SNRPA	100%
SNRPA1	97%	SNRPB	100%	SNRPB2	99%	SNRPC	100%	SNRPD1	100%
SNRPD2	99%	SNRPD3	100%	SNRPE	100%	SNRPF	76%	SNRPG	88%
SNRPN	100%	SNTA1	94%	SNTB1	100%	SNTB2	96%	SNTG1	100%
SNTG2	97%	SNTN	100%	SNUPN	100%	SNURF	100%	SNW1	100%
SNX1	100%	SNX10	100%	SNX11	100%	SNX12	99%	SNX13	100%
SNX14	100%	SNX15	99%	SNX16	100%	SNX17	100%	SNX18	100%
SNX19	99%	SNX2	100%	SNX20	100%	SNX21	100%	SNX22	99%
SNX24	100%	SNX25	100%	SNX27	100%	SNX29	99%	SNX3	100%
SNX30	97%	SNX31	100%	SNX32	100%	SNX33	100%	SNX4	100%
SNX5	92%	SNX6	97%	SNX7	98%	SNX8	99%	SNX9	100%
SOAT1	100%	SOAT2	98%	SOBP	99%	SOC51	100%	SOC52	100%
SOC53	100%	SOC54	100%	SOC55	100%	SOC56	100%	SOC57	98%
SOD1	100%	SOD2	100%	SOD3	100%	SOHLH1	100%	SOHLH2	100%
SOLH	100%	SON	99%	SORBS1	100%	SORBS2	100%	SORBS3	99%
SORCS1	100%	SORCS2	94%	SORCS3	100%	SORD	78%	SORL1	100%
SORT1	96%	SOS1	100%	SOS2	100%	SOST	100%	SOSTDC1	100%
SOWAHA	90%	SOWAHB	100%	SOWAHC	96%	SOWAHD	92%	SOX1	87%
SOX10	100%	SOX11	100%	SOX12	99%	SOX13	100%	SOX14	100%
SOX15	100%	SOX17	100%	SOX18	90%	SOX2	100%	SOX21	97%
SOX3	98%	SOX30	100%	SOX4	99%	SOX5	100%	SOX6	100%
SOX7	100%	SOX8	98%	SOX9	100%	SP1	100%	SP100	100%
SP110	100%	SP140	95%	SP140L	93%	SP2	100%	SP3	99%
SP4	100%	SP5	99%	SP6	99%	SP7	100%	SP8	98%
SP9	99%	SPA17	100%	SPACA1	99%	SPACA3	100%	SPACA4	100%
SPACA5	2%	SPACA5B	2%	SPACA7	100%	SPAG1	100%	SPAG11A	38%
SPAG11B	43%	SPAG16	100%	SPAG17	100%	SPAG4	100%	SPAG5	100%
SPAG6	100%	SPAG7	100%	SPAG8	100%	SPAG9	100%	SPAM1	100%
SPANXA1	0%	SPANXA2	0%	SPANXB1	0%	SPANXB2	0%	SPANXC	83%
SPANXD	96%	SPANXE	96%	SPANXF1	0%	SPANXN1	100%	SPANXN2	90%
SPANXN3	100%	SPANXN4	100%	SPANXN5	100%	SPARC	100%	SPARCL1	100%
SPAST	100%	SPATA12	100%	SPATA13	100%	SPATA16	100%	SPATA17	100%
SPATA18	100%	SPATA19	100%	SPATA2	100%	SPATA20	99%	SPATA21	100%
SPATA22	100%	SPATA24	100%	SPATA25	100%	SPATA2L	100%	SPATA3	100%
SPATA4	100%	SPATA5	100%	SPATA5L1	100%	SPATA6	98%	SPATA7	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SPATA8	100%	SPATA9	100%	SPATC1	100%	SPATS1	100%	SPATS2	100%
SPATS2L	99%	SPC24	96%	SPC25	100%	SPCS1	100%	SPCS2	100%
SPCS3	95%	SPDEF	98%	SPDYA	100%	SPDYC	100%	SPDYE1	35%
SPDYE2	2%	SPDYE2L	2%	SPDYE3	19%	SPDYE4	97%	SPDYE5	31%
SPDYE6	20%	SPECC1	100%	SPECC1L	100%	SPEF1	100%	SPEF2	100%
SPEG	98%	SPEM1	100%	SPEN	100%	SPERT	100%	SPESP1	97%
SPG11	100%	SPG20	100%	SPG21	100%	SPG7	99%	SPHAR	94%
SPHK1	99%	SPHK2	100%	SPHKAP	100%	SPI1	100%	SPIB	99%
SPIC	99%	SPICE1	100%	SPIN1	100%	SPIN2A	74%	SPIN2B	73%
SPIN3	100%	SPIN4	100%	SPINK1	100%	SPINK13	100%	SPINK14	97%
SPINK2	100%	SPINK4	100%	SPINK5	100%	SPINK6	100%	SPINK7	100%
SPINK8	100%	SPINK9	98%	SPINLW1	100%	SPINLW1-WFDC6	100%	SPINT1	100%
SPINT2	100%	SPINT3	100%	SPINT4	100%	SPIRE1	98%	SPIRE2	94%
SPN	100%	SPNS1	100%	SPNS2	93%	SPNS3	100%	SPO11	100%
SPOCD1	100%	SPOCK1	100%	SPOCK2	100%	SPOCK3	99%	SPON1	100%
SPON2	100%	SPOP	100%	SPOPL	98%	SPP1	100%	SPP2	100%
SPPL2A	90%	SPPL2B	100%	SPPL3	99%	SPR	100%	SPRED1	100%
SPRED2	100%	SPRED3	98%	SPRN	93%	SPRR1A	100%	SPRR1B	100%
SPRR2A	20%	SPRR2B	19%	SPRR2D	62%	SPRR2E	43%	SPRR2F	76%
SPRR2G	97%	SPRR3	100%	SPRR4	100%	SPRY1	100%	SPRY2	100%
SPRY3 (chrX)	100%	SPRY3 (chrY)	0%	SPRY4	100%	SPRYD3	100%	SPRYD4	100%
SPRYD5	76%	SPRYD7	100%	SPSB1	100%	SPSB2	100%	SPSB3	100%
SPSB4	99%	SPTA1	100%	SPTAN1	100%	SPTB	100%	SPTBN1	100%
SPTBN2	100%	SPTBN4	99%	SPTBN5	100%	SPTLC1	100%	SPTLC2	100%
SPTLC3	100%	SPTSSA	100%	SPTSSB	100%	SPTY2D1	100%	SPZ1	100%
SQLE	100%	SQRDL	99%	SQSTM1	100%	SRA1	100%	SRBD1	100%
SRC	100%	SRCAP	100%	SRCIN1	96%	SRCRB4D	100%	SRD5A1	98%
SRD5A2	100%	SRD5A3	100%	SREBF1	99%	SREBF2	100%	SREK1	100%
SREK1IP1	89%	SRF	99%	SRFBP1	100%	SRGAP1	100%	SRGAP2	94%
SRGAP3	100%	SRGN	100%	SRI	98%	SRL	100%	SRM	98%
SRMS	97%	SRP14	100%	SRP19	99%	SRP54	100%	SRP68	100%
SRP72	100%	SRP9	83%	SRPK1	100%	SRPK2	99%	SRPK3	98%
SRPR	100%	SRPRB	100%	SRPX	100%	SRPX2	100%	SRR	100%
SRRD	98%	SRRM1	97%	SRRM2	100%	SRRM3	86%	SRRM4	96%
SRRM5	100%	SRRT	100%	SRSF1	100%	SRSF10	10%	SRSF11	100%
SRSF12	100%	SRSF2	100%	SRSF3	96%	SRSF4	100%	SRSF5	100%
SRSF6	86%	SRSF7	100%	SRSF8	99%	SRSF9	98%	SRXN1	91%
SRY	61%	SS18	100%	SS18L1	100%	SS18L2	100%	SSB	93%
SSBP1	100%	SSBP2	99%	SSBP3	97%	SSBP4	100%	SSC5D	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SSFA2	100%	SSH1	99%	SSH2	100%	SSH3	100%	SSNA1	100%
SSPN	94%	SSPO	98%	SSR1	100%	SSR2	100%	SSR3	91%
SSR4	100%	SSRP1	100%	SSSCA1	100%	SST	100%	SSTR1	100%
SSTR2	100%	SSTR3	100%	SSTR4	100%	SSTR5	100%	SSU72	100%
SSX1	82%	SSX2	0%	SSX2B	0%	SSX2IP	100%	SSX3	75%
SSX4	21%	SSX4B	21%	SSX5	85%	SSX7	81%	ST13	86%
ST14	100%	ST18	100%	ST20	80%	ST20-MTHFS	91%	ST3GAL1	100%
ST3GAL2	100%	ST3GAL3	100%	ST3GAL4	100%	ST3GAL5	97%	ST3GAL6	100%
ST5	100%	ST6GAL1	100%	ST6GAL2	100%	ST6GALNAC1	100%	ST6GALNAC2	100%
ST6GALNAC3	100%	ST6GALNAC4	100%	ST6GALNAC5	100%	ST6GALNAC6	100%	ST7	100%
ST7L	100%	ST8SIA1	100%	ST8SIA2	100%	ST8SIA3	100%	ST8SIA4	100%
ST8SIA5	100%	ST8SIA6	100%	STAB1	100%	STAB2	100%	STAC	99%
STAC2	98%	STAC3	100%	STAG1	100%	STAG2	97%	STAG3	93%
STAM	100%	STAM2	100%	STAMBP	100%	STAMBPL1	100%	STAP1	100%
STAP2	96%	STAR	100%	STARD10	100%	STARD13	99%	STARD3	100%
STARD3NL	100%	STARD4	100%	STARD5	100%	STARD6	100%	STARD7	98%
STARD8	99%	STARD9	100%	STAT1	100%	STAT2	100%	STAT3	100%
STAT4	100%	STAT5A	93%	STAT5B	93%	STAT6	100%	STATH	100%
STAU1	100%	STAU2	95%	STBD1	99%	STC1	100%	STC2	100%
STEAP1	100%	STEAP1B	100%	STEAP2	100%	STEAP3	100%	STEAP4	100%
STH	100%	STIL	100%	STIM1	100%	STIM2	98%	STIP1	99%
STK10	99%	STK11	100%	STK11IP	100%	STK16	100%	STK17A	98%
STK17B	96%	STK19	91%	STK24	96%	STK25	100%	STK3	100%
STK31	100%	STK32A	100%	STK32B	100%	STK32C	93%	STK33	99%
STK35	98%	STK36	100%	STK38	100%	STK38L	100%	STK39	97%
STK4	100%	STK40	100%	STMN1	97%	STMN2	100%	STMN3	99%
STMN4	100%	STOM	100%	STOML1	99%	STOML2	100%	STOML3	100%
STON1	100%	STON1-GTF2A1L	100%	STON2	99%	STOX1	89%	STOX2	100%
STRA13	100%	STRA6	100%	STRA8	96%	STRADA	100%	STRADB	94%
STRAP	93%	STRBP	100%	STRC	43%	STRN	98%	STRN3	100%
STRN4	98%	STS	100%	STT3A	100%	STT3B	100%	STUB1	100%
STX10	100%	STX11	100%	STX12	100%	STX16	100%	STX17	100%
STX18	100%	STX19	100%	STX1A	97%	STX1B	100%	STX2	97%
STX3	100%	STX4	100%	STX5	94%	STX6	100%	STX7	100%
STX8	100%	STXBP1	100%	STXBP2	100%	STXBP3	99%	STXBP4	100%
STXBP5	99%	STXBP5L	100%	STXBP6	100%	STYK1	100%	STYX	97%
STYXL1	100%	SUB1	85%	SUCLA2	95%	SUCLG1	100%	SUCLG2	95%
SUCNR1	100%	SUDS3	100%	SUFU	100%	SUGP1	95%	SUGP2	100%
SUGT1	97%	SULF1	100%	SULF2	99%	SULT1A1	84%	SULT1A2	81%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
SULT1A3	0%	SULT1A4	0%	SULT1B1	100%	SULT1C2	100%	SULT1C3	100%
SULT1C4	100%	SULT1E1	100%	SULT2A1	100%	SULT2B1	100%	SULT4A1	100%
SULT6B1	99%	SUMF1	100%	SUMF2	100%	SUMO1	87%	SUMO2	96%
SUMO3	97%	SUMO4	100%	SUN1	100%	SUN2	100%	SUN3	100%
SUN5	100%	SUOX	100%	SUPT16H	98%	SUPT3H	100%	SUPT4H1	100%
SUPT5H	100%	SUPT6H	100%	SUPT7L	100%	SUPV3L1	100%	SURF1	93%
SURF2	100%	SURF4	100%	SURF6	100%	SUSD1	98%	SUSD2	99%
SUSD3	99%	SUSD4	100%	SUSD5	100%	SUV39H1	99%	SUV39H2	94%
SUV420H1	100%	SUV420H2	97%	SUZ12	100%	SV2A	100%	SV2B	100%
SV2C	100%	SVEP1	100%	SVIL	99%	SVIP	100%	SVOP	100%
SVOPL	100%	SWAP70	100%	SWIS	100%	SWSAP1	100%	SWT1	100%
SYAP1	99%	SYBU	99%	SYCE1	99%	SYCE1L	96%	SYCE2	100%
SYCE3	100%	SYCN	99%	SYCP1	99%	SYCP2	99%	SYCP2L	100%
SYCP3	100%	SYDE1	100%	SYDE2	96%	SYF2	100%	SYK	100%
SYMPK	100%	SYN1	89%	SYN2	93%	SYN3	100%	SYNC	97%
SYNCRIP	97%	SYNDIG1	100%	SYNDIG1L	100%	SYNE1	100%	SYNE2	100%
SYNGAP1	98%	SYNGR1	100%	SYNGR2	99%	SYNGR3	95%	SYNGR4	100%
SYNJ1	100%	SYNJ2	100%	SYNJ2BP	100%	SYNJ2BP-COX16	100%	SYNM	98%
SYNPO	98%	SYNPO2	100%	SYNPO2L	99%	SYNPR	100%	SYNRG	100%
SYP	100%	SYPL1	100%	SYPL2	100%	SYS1	100%	SYT1	100%
SYT10	100%	SYT11	100%	SYT12	100%	SYT13	100%	SYT14	100%
SYT15	100%	SYT16	99%	SYT17	100%	SYT2	100%	SYT3	100%
SYT4	100%	SYT5	97%	SYT6	100%	SYT7	99%	SYT8	100%
SYT9	100%	SYTL1	96%	SYTL2	100%	SYTL3	100%	SYTL4	99%
SYTL5	100%	SYVN1	99%	SZT2	100%	T	100%	TAAR1	100%
TAAR2	100%	TAAR5	100%	TAAR6	100%	TAAR8	100%	TAAR9	100%
TAB1	100%	TAB2	100%	TAB3	99%	TAC1	100%	TAC3	100%
TAC4	100%	TACC1	100%	TACC2	100%	TACC3	100%	TACO1	100%
TACR1	100%	TACR2	100%	TACR3	100%	TACSTD2	100%	TADA1	100%
TADA2A	100%	TADA2B	100%	TADA3	99%	TAF1	100%	TAF10	84%
TAF11	100%	TAF12	100%	TAF13	100%	TAF15	100%	TAF1A	100%
TAF1B	100%	TAF1C	100%	TAF1D	100%	TAF1L	100%	TAF2	100%
TAF3	100%	TAF4	77%	TAF4B	98%	TAF5	100%	TAF5L	100%
TAF6	100%	TAF6L	98%	TAF7	100%	TAF7L	98%	TAF8	100%
TAF9	97%	TAF9B	83%	TAGAP	100%	TAGLN	100%	TAGLN2	99%
TAGLN3	100%	TAL1	93%	TAL2	100%	TALDO1	100%	TAMM41	100%
TANC1	100%	TANC2	100%	TANK	100%	TAOK1	100%	TAOK2	98%
TAOK3	100%	TAP1	100%	TAP2	100%	TAPBP	100%	TAPBPL	100%
TAPT1	93%	TARBP1	92%	TARBP2	100%	TARDBP	100%	TARM1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TARP	100%	TARS	100%	TARS2	99%	TARSL2	100%	TAS1R1	100%
TAS1R2	100%	TAS1R3	100%	TAS2R1	100%	TAS2R10	100%	TAS2R13	100%
TAS2R14	100%	TAS2R16	100%	TAS2R19	100%	TAS2R20	100%	TAS2R3	100%
TAS2R30	100%	TAS2R31	100%	TAS2R38	100%	TAS2R39	100%	TAS2R4	100%
TAS2R40	100%	TAS2R41	100%	TAS2R42	100%	TAS2R43	98%	TAS2R46	100%
TAS2R5	100%	TAS2R50	100%	TAS2R60	100%	TAS2R7	100%	TAS2R8	99%
TAS2R9	100%	TASP1	100%	TAT	100%	TATDN1	96%	TATDN2	100%
TATDN3	98%	TAX1BP1	100%	TAX1BP3	100%	TAZ	100%	TBC1D1	98%
TBC1D10A	99%	TBC1D10B	95%	TBC1D10C	98%	TBC1D12	99%	TBC1D13	100%
TBC1D14	100%	TBC1D15	100%	TBC1D16	100%	TBC1D17	100%	TBC1D19	100%
TBC1D2	100%	TBC1D20	97%	TBC1D21	100%	TBC1D22A	100%	TBC1D22B	100%
TBC1D23	100%	TBC1D24	100%	TBC1D25	99%	TBC1D26	89%	TBC1D28	87%
TBC1D29	100%	TBC1D2B	99%	TBC1D3	2%	TBC1D30	100%	TBC1D3B	7%
TBC1D3C	6%	TBC1D3F	2%	TBC1D3G	11%	TBC1D3H	0%	TBC1D4	100%
TBC1D5	97%	TBC1D7	100%	TBC1D8	99%	TBC1D8B	98%	TBC1D9	100%
TBC1D9B	100%	TBCA	76%	TBCB	100%	TBCC	100%	TBCCD1	98%
TBCD	99%	TBCE	100%	TBCEL	100%	TBCK	100%	TBK1	100%
TBKBP1	83%	TBL1X	96%	TBL1XR1	98%	TBL1Y	60%	TBL2	100%
TBL3	100%	TBP	100%	TBPL1	97%	TBPL2	100%	TBR1	100%
TBRG1	100%	TBRG4	100%	TBX1	85%	TBX10	100%	TBX15	100%
TBX18	99%	TBX19	100%	TBX2	99%	TBX20	100%	TBX21	97%
TBX22	100%	TBX3	100%	TBX4	100%	TBX5	100%	TBX6	100%
TBXA2R	100%	TBXAS1	100%	TC2N	100%	TCAP	100%	TCEA1	94%
TCEA2	100%	TCEA3	100%	TCEAL1	99%	TCEAL2	100%	TCEAL3	100%
TCEAL4	100%	TCEAL5	100%	TCEAL6	99%	TCEAL7	98%	TCEAL8	100%
TCEANC	93%	TCEANC2	98%	TCEB1	99%	TCEB2	95%	TCEB3	100%
TCEB3B	85%	TCEB3C	20%	TCEB3CL	19%	TCERG1	100%	TCERG1L	96%
TCF12	100%	TCF15	88%	TCF19	100%	TCF20	100%	TCF21	100%
TCF23	99%	TCF24	75%	TCF25	100%	TCF3	100%	TCF4	100%
TCF7	93%	TCF7L1	100%	TCF7L2	100%	TCFL5	86%	TCHH	99%
TCHHL1	100%	TCHP	97%	TCIRG1	98%	TCL1A	100%	TCL1B	100%
TCN1	100%	TCN2	100%	TCOF1	100%	TCP1	98%	TCP10	79%
TCP10L	100%	TCP10L2	89%	TCP11	99%	TCP11L1	100%	TCP11L2	100%
TCTA	100%	TCTE1	100%	TCTE3	100%	TCTEX1D1	100%	TCTEX1D2	100%
TCTEX1D4	100%	TCTN1	98%	TCTN2	100%	TCTN3	100%	TDG	98%
TDGF1	98%	TDO2	100%	TDP1	100%	TDP2	100%	TDRD1	100%
TDRD10	100%	TDRD12	100%	TDRD3	98%	TDRD5	100%	TDRD6	100%
TDRD7	100%	TDRD9	99%	TDRKH	100%	TEAD1	100%	TEAD2	100%
TEAD3	99%	TEAD4	100%	TEC	99%	TECPR1	99%	TECPR2	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TECR	100%	TECRL	99%	TECTA	100%	TECTB	100%	TEDDM1	100%
TEF	99%	TEFM	100%	TEK	100%	TEKT1	100%	TEKT2	100%
TEKT3	100%	TEKT4	99%	TEKT5	100%	TELO2	99%	TEN1	100%
TENC1	100%	TEP1	100%	TEPP	98%	TERF1	79%	TERF2	99%
TERF2IP	100%	TERT	98%	TES	100%	TESC	100%	TESK1	99%
TESK2	100%	TET1	100%	TET2	100%	TET3	100%	TEX10	99%
TEX101	100%	TEX11	95%	TEX12	100%	TEX13A	99%	TEX13B	100%
TEX14	100%	TEX15	100%	TEX19	100%	TEX2	100%	TEX22	71%
TEX261	100%	TEX264	100%	TEX28	0%	TEX9	98%	TF	100%
TFAM	100%	TFAP2A	100%	TFAP2B	100%	TFAP2C	100%	TFAP2D	100%
TFAP2E	87%	TFAP4	100%	TFB1M	100%	TFB2M	100%	TFCP2	100%
TFCP2L1	100%	TFDP1	99%	TFDP2	100%	TFDP3	100%	TFE3	100%
TFEB	100%	TFEC	100%	TFF1	100%	TFF2	100%	TFF3	93%
TFG	100%	TFIP11	100%	TFPI	100%	TFPI2	100%	TFPT	100%
TFR2	100%	TFRC	100%	TG	100%	TGDS	100%	TGFA	100%
TGFB1	100%	TGFB1I1	100%	TGFB2	100%	TGFB3	100%	TGFB1	99%
TGFB1R1	96%	TGFB1R2	100%	TGFB1R3	100%	TGFB1RAP1	100%	TGIF1	100%
TGIF2	100%	TGIF2-C20ORF24	100%	TGIF2LX	100%	TGIF2LY	61%	TGM1	100%
TGM2	100%	TGM3	100%	TGM4	100%	TGM5	100%	TGM6	100%
TGM7	100%	TGOLN2	100%	TGS1	100%	TH	100%	TH1L	100%
THADA	100%	THAP1	100%	THAP10	100%	THAP11	100%	THAP2	100%
THAP3	99%	THAP4	99%	THAP5	93%	THAP6	100%	THAP7	100%
THAP8	100%	THAP9	100%	THBD	100%	THBS1	100%	THBS2	100%
THBS3	100%	THBS4	99%	THEG	99%	THEM4	96%	THEM5	100%
THEMIS	98%	THG1L	100%	THNSL1	100%	THNSL2	98%	THOC1	99%
THOC2	100%	THOC3	74%	THOC5	100%	THOC6	100%	THOC7	93%
THOP1	99%	THPO	100%	THRA	100%	THRAP3	100%	THRB	100%
THRSP	100%	THSD1	100%	THSD4	96%	THSD7A	100%	THSD7B	100%
THTPA	100%	THUMPD1	100%	THUMPD2	100%	THUMPD3	100%	THY1	99%
THYN1	100%	TIA1	99%	TIAF1	100%	TIAL1	100%	TIAM1	100%
TIAM2	100%	TICAM1	100%	TICAM2	100%	TIE1	100%	TIFA	100%
TIFAB	100%	TIGD1	36%	TIGD2	100%	TIGD3	100%	TIGD4	100%
TIGD5	92%	TIGD6	100%	TIGD7	100%	TIGIT	100%	TIMD4	100%
TIMELESS	100%	TIMM10	99%	TIMM13	100%	TIMM17A	100%	TIMM17B	100%
TIMM21	99%	TIMM22	100%	TIMM23	45%	TIMM44	100%	TIMM50	100%
TIMM8A	100%	TIMM8B	100%	TIMM9	100%	TIMMDC1	100%	TIMP1	100%
TIMP2	98%	TIMP3	100%	TIMP4	100%	TINAG	100%	TINAGL1	100%
TINF2	100%	TIPARP	100%	TIPIN	94%	TIPRL	100%	TIRAP	100%
TJAP1	100%	TJP1	100%	TJP2	100%	TJP3	99%	TK1	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TK2	100%	TKT	99%	TKTL1	100%	TKTL2	100%	TLCD1	100%
TLCD2	98%	TLE1	100%	TLE2	97%	TLE3	100%	TLE4	100%
TLE6	100%	TLK1	95%	TLK2	97%	TLL1	100%	TLL2	100%
TLN1	100%	TLN2	100%	TLR1	100%	TLR10	100%	TLR2	100%
TLR3	100%	TLR4	100%	TLR5	100%	TLR6	100%	TLR7	100%
TLR8	100%	TLR9	100%	TLX1	100%	TLX1NB	100%	TLX2	100%
TLX3	100%	TM2D1	99%	TM2D2	100%	TM2D3	100%	TM4SF1	100%
TM4SF18	100%	TM4SF19	100%	TM4SF20	100%	TM4SF4	100%	TM4SF5	100%
TM6SF1	100%	TM6SF2	100%	TM7SF2	99%	TM7SF3	100%	TM7SF4	100%
TM9SF1	100%	TM9SF2	100%	TM9SF3	100%	TM9SF4	100%	TMBIM1	94%
TMBIM4	100%	TMBIM6	100%	TMC1	100%	TMC2	100%	TMC3	100%
TMC4	99%	TMC5	100%	TMC6	100%	TMC7	100%	TMC8	100%
TMCC1	100%	TMCC2	100%	TMCC3	100%	TMCO1	100%	TMCO2	100%
TMCO3	100%	TMCO4	99%	TMCO5A	98%	TMCO6	100%	TMCO7	100%
TMED1	100%	TMED10	100%	TMED2	100%	TMED3	100%	TMED4	100%
TMED5	100%	TMED6	100%	TMED7	100%	TMED7-TICAM2	100%	TMED8	98%
TMED9	100%	TMEFF1	100%	TMEFF2	100%	TMEM100	100%	TMEM101	100%
TMEM102	100%	TMEM104	100%	TMEM105	100%	TMEM106A	100%	TMEM106B	100%
TMEM106C	100%	TMEM107	100%	TMEM108	100%	TMEM109	100%	TMEM11	100%
TMEM110	100%	TMEM110-MUSTN1	100%	TMEM111	100%	TMEM114	100%	TMEM115	100%
TMEM116	100%	TMEM117	100%	TMEM119	99%	TMEM120A	100%	TMEM120B	99%
TMEM121	99%	TMEM123	100%	TMEM125	100%	TMEM126A	100%	TMEM126B	99%
TMEM127	98%	TMEM128	100%	TMEM129	99%	TMEM130	100%	TMEM131	99%
TMEM132A	97%	TMEM132B	100%	TMEM132C	99%	TMEM132D	100%	TMEM132E	99%
TMEM133	100%	TMEM134	99%	TMEM135	100%	TMEM136	100%	TMEM138	100%
TMEM139	100%	TMEM140	100%	TMEM141	100%	TMEM143	99%	TMEM144	100%
TMEM145	100%	TMEM146	100%	TMEM147	100%	TMEM14A	100%	TMEM14B	100%
TMEM14C	100%	TMEM14E	100%	TMEM150A	100%	TMEM150B	100%	TMEM150C	99%
TMEM151A	95%	TMEM151B	96%	TMEM154	100%	TMEM155	100%	TMEM156	100%
TMEM158	87%	TMEM159	100%	TMEM160	76%	TMEM161A	100%	TMEM161B	93%
TMEM163	89%	TMEM164	98%	TMEM165	100%	TMEM167A	69%	TMEM167B	100%
TMEM168	100%	TMEM169	100%	TMEM17	100%	TMEM170A	100%	TMEM170B	100%
TMEM171	100%	TMEM173	100%	TMEM174	100%	TMEM175	100%	TMEM176A	100%
TMEM176B	100%	TMEM177	100%	TMEM178	100%	TMEM179	100%	TMEM179B	99%
TMEM18	100%	TMEM180	100%	TMEM181	100%	TMEM182	100%	TMEM183A	99%
TMEM183B	99%	TMEM184A	100%	TMEM184B	100%	TMEM184C	100%	TMEM185A	48%
TMEM186	100%	TMEM187	100%	TMEM188	100%	TMEM189	100%	TMEM189-UBE2V1	100%
TMEM19	100%	TMEM190	100%	TMEM192	100%	TMEM194A	100%	TMEM194B	100%
TMEM196	81%	TMEM198	100%	TMEM199	100%	TMEM2	100%	TMEM200A	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TMEM200B	100%	TMEM200C	93%	TMEM201	97%	TMEM202	99%	TMEM203	100%
TMEM204	100%	TMEM205	99%	TMEM206	100%	TMEM207	100%	TMEM208	100%
TMEM209	100%	TMEM211	99%	TMEM212	100%	TMEM213	100%	TMEM214	100%
TMEM215	100%	TMEM216	100%	TMEM217	100%	TMEM218	100%	TMEM219	100%
TMEM22	100%	TMEM220	98%	TMEM221	99%	TMEM222	100%	TMEM223	100%
TMEM225	100%	TMEM229A	98%	TMEM229B	100%	TMEM231	98%	TMEM232	100%
TMEM233	100%	TMEM234	99%	TMEM235	94%	TMEM236	4%	TMEM237	100%
TMEM238	60%	TMEM239	100%	TMEM240	100%	TMEM241	99%	TMEM242	100%
TMEM25	100%	TMEM26	100%	TMEM27	100%	TMEM30A	100%	TMEM30B	100%
TMEM31	100%	TMEM33	100%	TMEM35	100%	TMEM37	97%	TMEM38A	99%
TMEM38B	100%	TMEM39A	100%	TMEM39B	99%	TMEM40	100%	TMEM41A	100%
TMEM41B	100%	TMEM42	100%	TMEM43	100%	TMEM44	99%	TMEM45A	100%
TMEM45B	100%	TMEM47	89%	TMEM48	100%	TMEM5	100%	TMEM50A	100%
TMEM50B	100%	TMEM51	100%	TMEM52	94%	TMEM53	100%	TMEM54	100%
TMEM55A	100%	TMEM55B	100%	TMEM56	100%	TMEM56-RWDD3	100%	TMEM57	100%
TMEM59	100%	TMEM59L	100%	TMEM60	100%	TMEM61	100%	TMEM62	95%
TMEM63A	100%	TMEM63B	100%	TMEM63C	100%	TMEM64	82%	TMEM65	88%
TMEM66	100%	TMEM67	100%	TMEM68	99%	TMEM69	100%	TMEM70	100%
TMEM71	98%	TMEM72	99%	TMEM74	100%	TMEM74B	100%	TMEM79	100%
TMEM80	97%	TMEM81	100%	TMEM82	99%	TMEM85	100%	TMEM86A	100%
TMEM86B	99%	TMEM87A	100%	TMEM87B	98%	TMEM88	100%	TMEM88B	95%
TMEM89	100%	TMEM8A	95%	TMEM8B	100%	TMEM8C	100%	TMEM9	100%
TMEM91	100%	TMEM92	100%	TMEM93	100%	TMEM95	100%	TMEM97	100%
TMEM98	96%	TMEM99	100%	TMEM9B	100%	TMF1	100%	TMIE	100%
TMIGD1	100%	TMIGD2	100%	TMLHE	80%	TMOD1	100%	TMOD2	100%
TMOD3	100%	TMOD4	100%	TMPO	100%	TMPPE	100%	TMPRSS11A	100%
TMPRSS11B	100%	TMPRSS11BNL	100%	TMPRSS11D	100%	TMPRSS11E	100%	TMPRSS11F	100%
TMPRSS12	100%	TMPRSS13	100%	TMPRSS15	100%	TMPRSS2	100%	TMPRSS3	100%
TMPRSS4	100%	TMPRSS5	100%	TMPRSS6	100%	TMPRSS7	100%	TMPRSS9	100%
TMSB10	100%	TMSB15A	99%	TMSB15B	90%	TMSB4X	100%	TMSB4Y	61%
TMTC1	98%	TMTC2	100%	TMTC3	100%	TMTC4	100%	TMUB1	100%
TMUB2	100%	TMX1	97%	TMX2	100%	TMX3	99%	TMX4	98%
TNC	100%	TNF	100%	TNFAIP1	100%	TNFAIP2	89%	TNFAIP3	100%
TNFAIP6	99%	TNFAIP8	100%	TNFAIP8L1	100%	TNFAIP8L2	100%	TNFAIP8L2-SCNM1	100%
TNFAIP8L3	98%	TNFRSF10A	100%	TNFRSF10B	100%	TNFRSF10C	100%	TNFRSF10D	100%
TNFRSF11A	96%	TNFRSF11B	100%	TNFRSF12A	100%	TNFRSF13B	100%	TNFRSF13C	94%
TNFRSF14	100%	TNFRSF17	100%	TNFRSF18	98%	TNFRSF19	100%	TNFRSF1A	100%
TNFRSF1B	97%	TNFRSF21	98%	TNFRSF25	100%	TNFRSF4	97%	TNFRSF6B	97%
TNFRSF8	100%	TNFRSF9	100%	TNFSF10	100%	TNFSF11	100%	TNFSF12	96%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TNFSF12-TNFSF13	97%	TNFSF13	96%	TNFSF13B	99%	TNFSF14	100%	TNFSF15	99%
TNFSF18	100%	TNFSF4	100%	TNFSF8	100%	TNFSF9	100%	TNIK	100%
TNIP1	100%	TNIP2	91%	TNIP3	100%	TNK1	100%	TNK2	99%
TNKS	100%	TNKS1BP1	100%	TNKS2	99%	TNMD	100%	TNN	100%
TNNC1	100%	TNNC2	100%	TNNI1	100%	TNNI2	100%	TNNI3	100%
TNNI3K	100%	TNNT1	100%	TNNT2	100%	TNNT3	100%	TNP1	100%
TNP2	100%	TNPO1	92%	TNPO2	100%	TNPO3	100%	TNR	100%
TNRC18	91%	TNRC6A	100%	TNRC6B	100%	TNRC6C	99%	TNS1	100%
TNS3	100%	TNS4	99%	TNXB	82%	TOB1	100%	TOB2	100%
TOE1	100%	TOLLIP	97%	TOM1	100%	TOM1L1	100%	TOM1L2	99%
TOMM20	96%	TOMM20L	100%	TOMM22	100%	TOMM34	100%	TOMM40	73%
TOMM40L	100%	TOMM5	100%	TOMM6	99%	TOMM7	100%	TOMM70A	100%
TONSL	100%	TOP1	100%	TOP1MT	99%	TOP2A	100%	TOP2B	99%
TOP3A	100%	TOP3B	90%	TOPBP1	100%	TOPORS	100%	TOR1A	100%
TOR1AIP1	100%	TOR1AIP2	100%	TOR1B	100%	TOR2A	99%	TOR3A	100%
TOX	99%	TOX2	92%	TOX3	99%	TOX4	98%	TP53	100%
TP53AIP1	100%	TP53BP1	100%	TP53BP2	100%	TP53I11	100%	TP53I13	97%
TP53I3	99%	TP53INP1	100%	TP53INP2	97%	TP53RK	100%	TP53TG3	0%
TP53TG3B	0%	TP53TG3C	0%	TP53TG5	100%	TP63	100%	TP73	100%
TPBG	100%	TPCN1	99%	TPCN2	100%	TPD52	100%	TPD52L1	100%
TPD52L2	100%	TPD52L3	100%	TPGS1	99%	TPGS2	100%	TPH1	100%
TPH2	100%	TPI1	99%	TPK1	100%	TPM1	100%	TPM2	100%
TPM3	100%	TPM4	94%	TPMT	100%	TPO	99%	TPP1	100%
TPP2	100%	TPPP	99%	TPPP2	100%	TPPP3	100%	TPR	100%
TPRA1	100%	TPRG1	100%	TPRG1L	83%	TPRKB	99%	TPRN	86%
TPRX1	100%	TPSAB1	69%	TPSB2	44%	TPSD1	99%	TPSG1	97%
TPST1	100%	TPST2	100%	TPT1	100%	TPTE	77%	TPTE2	76%
TPX2	100%	TRA2A	98%	TRA2B	100%	TRABD	100%	TRADD	100%
TRAF1	100%	TRAF2	100%	TRAF3	100%	TRAF3IP1	99%	TRAF3IP2	100%
TRAF3IP3	99%	TRAF4	100%	TRAF5	100%	TRAF6	95%	TRAF7	97%
TRAFD1	100%	TRAIP	100%	TRAK1	100%	TRAK2	100%	TRAM1	100%
TRAM1L1	100%	TRAM2	100%	TRANK1	100%	TRAP1	99%	TRAPPC1	100%
TRAPPC10	100%	TRAPPC11	100%	TRAPPC12	100%	TRAPPC2	94%	TRAPPC2L	100%
TRAPPC3	100%	TRAPPC4	100%	TRAPPC5	100%	TRAPPC6A	100%	TRAPPC6B	100%
TRAPPC8	100%	TRAPPC9	100%	TRAT1	100%	TRDMT1	99%	TRDN	100%
TREH	100%	TREM1	100%	TREM2	100%	TREML1	100%	TREML2	99%
TREML4	100%	TRERF1	100%	TREX1	100%	TREX2	100%	TRH	98%
TRHDE	100%	TRHR	100%	TRIAP1	100%	TRIB1	96%	TRIB2	100%
TRIB3	100%	TRIL	100%	TRIM10	100%	TRIM11	98%	TRIM13	99%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TRIM14	97%	TRIM15	100%	TRIM16	95%	TRIM16L	100%	TRIM17	99%
TRIM2	100%	TRIM21	100%	TRIM22	100%	TRIM23	100%	TRIM24	100%
TRIM25	100%	TRIM26	100%	TRIM27	100%	TRIM28	96%	TRIM29	100%
TRIM3	100%	TRIM31	100%	TRIM32	100%	TRIM33	99%	TRIM34	100%
TRIM35	100%	TRIM36	100%	TRIM37	100%	TRIM38	100%	TRIM39	100%
TRIM39-RPP21	100%	TRIM4	93%	TRIM40	100%	TRIM41	99%	TRIM42	100%
TRIM43	42%	TRIM43B	44%	TRIM44	100%	TRIM45	100%	TRIM46	100%
TRIM47	94%	TRIM48	44%	TRIM49	60%	TRIM49L1	0%	TRIM49L2	50%
TRIM5	95%	TRIM50	99%	TRIM52	100%	TRIM54	100%	TRIM55	100%
TRIM56	100%	TRIM58	95%	TRIM59	100%	TRIM6	100%	TRIM60	100%
TRIM61	76%	TRIM62	100%	TRIM63	100%	TRIM64	6%	TRIM64B	63%
TRIM65	98%	TRIM66	99%	TRIM67	100%	TRIM68	100%	TRIM69	100%
TRIM6-TRIM34	100%	TRIM7	99%	TRIM71	100%	TRIM72	97%	TRIM73	54%
TRIM74	54%	TRIM77P	100%	TRIM8	100%	TRIM9	100%	TRIML1	100%
TRIML2	100%	TRIO	100%	TRIOBP	99%	TRIP10	100%	TRIP11	99%
TRIP12	100%	TRIP13	100%	TRIP4	100%	TRIP6	99%	TRIT1	100%
TRMT1	99%	TRMT11	99%	TRMT112	94%	TRMT12	100%	TRMT1L	100%
TRMT2A	99%	TRMT2B	98%	TRMT5	100%	TRMT6	98%	TRMT61A	99%
TRMT61B	100%	TRMU	100%	TRNAU1AP	100%	TRNP1	63%	TRNT1	100%
TRO	100%	TROAP	100%	TROVE2	100%	TRPA1	99%	TRPC1	100%
TRPC3	100%	TRPC4	100%	TRPC4AP	100%	TRPC5	100%	TRPC6	99%
TRPC7	100%	TRPM1	100%	TRPM2	100%	TRPM3	100%	TRPM4	100%
TRPM5	99%	TRPM6	100%	TRPM7	100%	TRPM8	99%	TRPS1	100%
TRPT1	100%	TRPV1	100%	TRPV2	100%	TRPV3	100%	TRPV4	100%
TRPV5	100%	TRPV6	100%	TRRAP	100%	TRUB1	100%	TRUB2	100%
TSC1	100%	TSC2	100%	TSC22D1	99%	TSC22D2	100%	TSC22D3	100%
TSC22D4	99%	TSEN15	99%	TSEN2	100%	TSEN34	96%	TSEN54	97%
TSFM	100%	TSG101	100%	TSGA10	100%	TSGA10IP	98%	TSGA13	100%
TSHB	100%	TSHR	100%	TSHZ1	100%	TSHZ2	100%	TSHZ3	100%
TSKS	100%	TSKU	100%	TSLP	100%	TSN	100%	TSNARE1	100%
TSNAX	100%	TSNAXIP1	100%	TSPAN1	100%	TSPAN10	92%	TSPAN11	100%
TSPAN12	100%	TSPAN13	100%	TSPAN14	100%	TSPAN15	100%	TSPAN16	93%
TSPAN17	100%	TSPAN18	100%	TSPAN19	94%	TSPAN2	100%	TSPAN3	100%
TSPAN31	100%	TSPAN32	100%	TSPAN33	100%	TSPAN4	100%	TSPAN5	100%
TSPAN6	100%	TSPAN7	100%	TSPAN8	100%	TSPAN9	100%	TSPEAR	100%
TSP0	100%	TSP02	100%	TSPY1	0%	TSPY2	0%	TSPY3	0%
TSPY4	0%	TSPY8	0%	TSPYL1	100%	TSPYL2	99%	TSPYL4	100%
TSPYL5	100%	TSPYL6	100%	TSR1	100%	TSR2	100%	TSSC1	100%
TSSC4	100%	TSSK1B	100%	TSSK2	100%	TSSK3	100%	TSSK4	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
TSSK6	100%	TST	100%	TSTA3	100%	TSTD1	100%	TSTD2	100%
TTBK1	99%	TTBK2	100%	TTC1	100%	TTC12	100%	TTC13	99%
TTC14	100%	TTC16	100%	TTC17	100%	TTC18	100%	TTC19	96%
TTC21A	100%	TTC21B	100%	TTC22	94%	TTC23	100%	TTC23L	100%
TTC24	100%	TTC25	100%	TTC26	100%	TTC27	100%	TTC28	99%
TTC29	99%	TTC3	97%	TTC30A	100%	TTC30B	100%	TTC31	100%
TTC32	100%	TTC33	100%	TTC35	100%	TTC36	97%	TTC37	100%
TTC38	100%	TTC39A	100%	TTC39B	100%	TTC39C	100%	TTC4	99%
TTC40	100%	TTC5	100%	TTC7A	99%	TTC7B	100%	TTC8	100%
TTC9	98%	TTC9B	92%	TTC9C	100%	TTF1	100%	TTF2	100%
TTI1	100%	TTI2	100%	TTK	99%	TTL	100%	TTLL1	100%
TTLL10	100%	TTLL11	97%	TTLL12	97%	TTLL13	100%	TTLL2	100%
TTLL3	98%	TTLL4	100%	TTLL5	100%	TTLL6	100%	TTLL7	100%
TTLL9	98%	TTN	100%	TTPA	99%	TTPAL	100%	TTR	100%
TTYH1	99%	TTYH2	100%	TTYH3	97%	TUB	100%	TUBA1A	100%
TUBA1B	100%	TUBA1C	98%	TUBA3C	100%	TUBA3D	100%	TUBA3E	100%
TUBA4A	100%	TUBA8	100%	TUBAL3	100%	TUBB	100%	TUBB1	100%
TUBB2A	78%	TUBB2B	77%	TUBB3	100%	TUBB4A	100%	TUBB4B	99%
TUBB6	100%	TUBB8	90%	TUBD1	100%	TUBE1	96%	TUBG1	100%
TUBG2	100%	TUBGCP2	99%	TUBGCP3	98%	TUBGCP4	99%	TUBGCP5	100%
TUBGCP6	100%	TUFM	100%	TUFT1	99%	TULP1	100%	TULP2	100%
TULP3	100%	TULP4	100%	TUSC1	98%	TUSC2	99%	TUSC3	100%
TUSC5	100%	TUT1	100%	TWF1	73%	TWF2	100%	TWIST1	98%
TWIST2	100%	TWISTNB	100%	TWSG1	100%	TXK	100%	TXLNA	100%
TXLNB	99%	TXLNG	98%	TXN	77%	TXN2	100%	TXNDC11	99%
TXNDC12	100%	TXNDC15	100%	TXNDC16	100%	TXNDC17	100%	TXNDC2	100%
TXNDC3	100%	TXNDC5	97%	TXNDC8	98%	TXNDC9	100%	TXNIP	100%
TXNL1	100%	TXNL4A	100%	TXNL4B	100%	TXNRD1	100%	TXNRD2	97%
TXNRD3	99%	TXNRD3NB	100%	TYK2	100%	TYMP	100%	TYMS	100%
TYR	100%	TYRO3	92%	TYROBP	100%	TYRP1	100%	TYSND1	100%
TYW1	100%	TYW1B	100%	TYW3	100%	TYW5	100%	U2AF1	96%
U2AF1L4	100%	U2AF2	99%	U2SURP	100%	UACA	100%	UAP1	95%
UAP1L1	85%	UBA1	100%	UBA2	98%	UBA3	99%	UBA5	100%
UBA52	100%	UBA6	100%	UBA7	100%	UBAC1	99%	UBAC2	100%
UBAP1	100%	UBAP1L	91%	UBAP2	100%	UBAP2L	100%	UBASH3A	100%
UBASH3B	99%	UBB	100%	UBC	86%	UBD	100%	UBE2A	100%
UBE2B	100%	UBE2C	99%	UBE2CBP	100%	UBE2D1	100%	UBE2D2	99%
UBE2D3	88%	UBE2D4	100%	UBE2E1	99%	UBE2E2	100%	UBE2E3	99%
UBE2F	100%	UBE2G1	100%	UBE2G2	99%	UBE2H	98%	UBE2I	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
UBE2J1	100%	UBE2J2	94%	UBE2K	100%	UBE2L3	6%	UBE2L6	100%
UBE2M	94%	UBE2N	100%	UBE2NL	100%	UBE2O	100%	UBE2Q1	92%
UBE2Q2	92%	UBE2QL1	100%	UBE2R2	100%	UBE2S	93%	UBE2T	100%
UBE2U	100%	UBE2V1	100%	UBE2V2	94%	UBE2W	98%	UBE2Z	99%
UBE3A	100%	UBE3B	100%	UBE3C	100%	UBE4A	99%	UBE4B	100%
UBFD1	100%	UBIAD1	100%	UBL3	100%	UBL4A	96%	UBL4B	99%
UBL5	100%	UBL7	99%	UBLCP1	100%	UBN1	100%	UBN2	99%
UBOX5	100%	UBP1	100%	UBQLN1	100%	UBQLN2	100%	UBQLN3	100%
UBQLN4	96%	UBQLNL	100%	UBR1	100%	UBR2	99%	UBR3	99%
UBR4	100%	UBR5	100%	UBR7	100%	UBTD1	100%	UBTD2	100%
UBTF	100%	UBTFL1	27%	UBXN1	98%	UBXN10	100%	UBXN11	100%
UBXN2A	100%	UBXN2B	92%	UBXN4	100%	UBXN6	98%	UBXN7	100%
UBXN8	100%	UCHL1	100%	UCHL3	100%	UCHL5	100%	UCK1	92%
UCK2	100%	UCKL1	100%	UCMA	100%	UCN	98%	UCN2	100%
UCN3	100%	UCP1	100%	UCP2	100%	UCP3	100%	UEVLD	100%
UFC1	100%	UFD1L	100%	UFL1	100%	UFM1	68%	UFSP1	99%
UFSP2	100%	UGCG	100%	UGDH	100%	UGGT1	100%	UGGT2	100%
UGP2	100%	UGT1A1	100%	UGT1A10	100%	UGT1A3	100%	UGT1A4	100%
UGT1A5	100%	UGT1A6	100%	UGT1A7	100%	UGT1A8	100%	UGT1A9	100%
UGT2A1	100%	UGT2A2	100%	UGT2A3	100%	UGT2B10	100%	UGT2B11	100%
UGT2B15	100%	UGT2B17	87%	UGT2B28	100%	UGT2B4	100%	UGT2B7	100%
UGT3A1	100%	UGT3A2	100%	UGT8	100%	UHMK1	100%	UHRF1	96%
UHRF1BP1	100%	UHRF1BP1L	100%	UHRF2	98%	UIMC1	100%	ULBP1	100%
ULBP2	89%	ULBP3	100%	ULK1	99%	ULK2	99%	ULK3	95%
ULK4	100%	UMOD	100%	UMODL1	100%	UMPS	100%	UNC119	100%
UNC119B	98%	UNC13A	100%	UNC13B	100%	UNC13C	100%	UNC13D	100%
UNC45A	98%	UNC45B	99%	UNC50	100%	UNC5A	100%	UNC5B	100%
UNC5C	100%	UNC5CL	100%	UNC5D	99%	UNC79	100%	UNC80	100%
UNC93A	100%	UNC93B1	61%	UNCX	69%	UNG	100%	UNK	99%
UNKL	100%	UPB1	100%	UPF1	99%	UPF2	100%	UPF3A	100%
UPF3B	100%	UPK1A	92%	UPK1B	100%	UPK2	100%	UPK3A	100%
UPK3B	92%	UPK3BL	10%	UPP1	99%	UPP2	92%	UPRT	100%
UQCC	100%	UQCR10	100%	UQCR11	100%	UQCRB	100%	UQCRC1	99%
UQCRC2	100%	UQCRCF1	100%	UQCRH	100%	UQCRHL	100%	UQCRCQ	100%
URB1	100%	URB2	99%	URGCP	100%	URGCP-MRPS24	99%	URI1	99%
URM1	100%	UROC1	100%	UROD	100%	UROS	100%	USE1	97%
USF1	100%	USF2	91%	USH1C	100%	USH1G	100%	USH2A	100%
USHBP1	100%	USMG5	100%	USO1	100%	USP1	100%	USP10	97%
USP11	98%	USP12	82%	USP13	100%	USP14	100%	USP15	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
USP16	100%	USP17	1%	USP17L2	17%	USP17L5	0%	USP18	95%
USP19	100%	USP2	98%	USP20	100%	USP21	100%	USP22	100%
USP24	100%	USP25	100%	USP26	100%	USP27X	100%	USP28	99%
USP29	100%	USP3	99%	USP30	100%	USP31	99%	USP32	94%
USP33	98%	USP34	99%	USP35	98%	USP36	99%	USP37	99%
USP38	100%	USP39	100%	USP4	100%	USP40	100%	USP42	100%
USP43	99%	USP44	100%	USP45	100%	USP46	100%	USP47	100%
USP48	100%	USP49	100%	USP5	100%	USP50	100%	USP51	96%
USP53	100%	USP54	100%	USP6	86%	USP6NL	100%	USP7	97%
USP8	98%	USP9X	100%	USP9Y	61%	USPL1	100%	UST	100%
UTF1	82%	UTP11L	100%	UTP14A	99%	UTP14C	100%	UTP15	100%
UTP18	100%	UTP20	100%	UTP23	100%	UTP3	100%	UTP6	100%
UTRN	100%	UTS2	100%	UTS2D	100%	UTS2R	99%	UTY	55%
UVRAG	99%	UXS1	100%	UXT	100%	VAC14	99%	VAMP1	100%
VAMP2	100%	VAMP3	100%	VAMP4	100%	VAMP5	100%	VAMP7 (chrX)	100%
VAMP7 (chrY)	0%	VAMP8	100%	VANGL1	100%	VANGL2	100%	VAPA	100%
VAPB	100%	VARS	100%	VARS2	100%	VASH1	100%	VASH2	100%
VASN	100%	VASP	97%	VAT1	100%	VAT1L	100%	VAV1	100%
VAV2	100%	VAV3	100%	VAX1	95%	VAX2	89%	VBP1	98%
VCAM1	100%	VCAN	100%	VCL	100%	VCP	100%	VCPIP1	100%
VCX	83%	VCX2	52%	VCX3A	76%	VCX3B	74%	VCY	0%
VCY1B	0%	VDAC1	95%	VDAC2	89%	VDAC3	98%	VDR	100%
VEGFA	100%	VEGFB	94%	VEGFC	100%	VENTX	71%	VEPH1	100%
VEZF1	99%	VEZT	100%	VGF	95%	VGLL1	98%	VGLL2	98%
VGLL3	100%	VGLL4	100%	VHL	100%	VHLL	100%	VIL1	100%
VILL	100%	VIM	100%	VIP	100%	VIPR1	95%	VIPR2	99%
VIT	100%	VKORC1	100%	VKORC1L1	82%	VLDLR	100%	VMA21	100%
VMAC	95%	VMO1	100%	VMP1	100%	VN1R1	100%	VN1R2	91%
VN1R4	100%	VN1R5	99%	VNN1	100%	VNN2	100%	VOPP1	91%
VPRBP	100%	VPREB1	100%	VPREB3	100%	VPS11	100%	VPS13A	100%
VPS13B	100%	VPS13C	100%	VPS13D	100%	VPS16	100%	VPS18	100%
VPS25	100%	VPS26A	100%	VPS26B	100%	VPS28	100%	VPS29	100%
VPS33A	100%	VPS33B	100%	VPS35	98%	VPS36	100%	VPS37A	98%
VPS37B	100%	VPS37C	98%	VPS37D	88%	VPS39	100%	VPS41	100%
VPS45	100%	VPS4A	100%	VPS4B	100%	VPS52	100%	VPS53	100%
VPS54	100%	VPS72	100%	VPS8	98%	VRK1	100%	VRK2	100%
VRK3	99%	VRTN	100%	VSIG1	100%	VSIG10	99%	VSIG10L	96%
VSIG2	100%	VSIG4	100%	VSIG8	99%	VSNL1	100%	VSTM1	98%
VSTM2A	100%	VSTM2B	100%	VSTM2L	92%	VSTM4	95%	VSTM5	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
VSX1	94%	VSX2	100%	VTA1	100%	VTCN1	99%	VTI1A	100%
VTI1B	90%	VTN	100%	VWA1	84%	VWA2	100%	VWA3A	100%
VWA3B	100%	VWA5A	100%	VWA5B1	100%	VWA5B2	97%	VWA7	100%
VWC2	97%	VWC2L	100%	VWCE	100%	VWDE	100%	VWF	98%
WAC	100%	WAPAL	100%	WARS	99%	WARS2	100%	WAS	95%
WASF1	100%	WASF2	100%	WASF3	100%	WASH1	0%	WASL	100%
WBP1	100%	WBP11	98%	WBP2	100%	WBP2NL	100%	WBP4	100%
WBP5	99%	WBSCR16	61%	WBSCR17	100%	WBSCR22	100%	WBSCR27	100%
WBSCR28	100%	WDFY1	100%	WDFY2	100%	WDFY3	100%	WDFY4	100%
WDHD1	99%	WDPCP	100%	WDR1	100%	WDR11	100%	WDR12	99%
WDR13	100%	WDR16	100%	WDR17	100%	WDR18	100%	WDR19	100%
WDR20	100%	WDR24	100%	WDR25	100%	WDR26	100%	WDR27	100%
WDR3	100%	WDR31	100%	WDR33	100%	WDR34	100%	WDR35	100%
WDR36	100%	WDR37	100%	WDR38	99%	WDR4	100%	WDR41	100%
WDR43	100%	WDR44	99%	WDR45	94%	WDR45L	97%	WDR46	100%
WDR47	100%	WDR48	100%	WDR49	97%	WDR5	100%	WDR52	100%
WDR53	100%	WDR54	100%	WDR55	100%	WDR59	98%	WDR5B	100%
WDR6	100%	WDR60	100%	WDR61	100%	WDR62	100%	WDR63	100%
WDR64	100%	WDR65	100%	WDR66	100%	WDR67	100%	WDR69	100%
WDR7	100%	WDR70	100%	WDR72	100%	WDR73	100%	WDR74	100%
WDR75	100%	WDR76	98%	WDR77	100%	WDR78	100%	WDR81	100%
WDR82	100%	WDR83	99%	WDR83OS	100%	WDR85	100%	WDR86	97%
WDR87	100%	WDR88	100%	WDR89	100%	WDR90	99%	WDR91	100%
WDR92	100%	WDR93	99%	WDR96	100%	WDSUB1	100%	WDTC1	100%
WDYHV1	100%	WEE1	98%	WEE2	100%	WFDC1	87%	WFDC10A	99%
WFDC10B	99%	WFDC11	100%	WFDC12	100%	WFDC13	100%	WFDC2	100%
WFDC3	100%	WFDC5	100%	WFDC6	100%	WFDC8	99%	WFDC9	100%
WFIKKN1	100%	WFIKKN2	100%	WFS1	100%	WHAMM	81%	WHSC1	100%
WHSC1L1	100%	WHSC2	100%	WIBG	100%	WIF1	100%	WIPF1	100%
WIPF2	98%	WIPF3	93%	WIPI1	100%	WIPI2	99%	WISP1	100%
WISP2	99%	WISP3	100%	WIZ	97%	WLS	100%	WNK1	100%
WNK2	95%	WNK3	100%	WNK4	100%	WNT1	100%	WNT10A	100%
WNT10B	100%	WNT11	96%	WNT16	100%	WNT2	100%	WNT2B	99%
WNT3	100%	WNT3A	100%	WNT4	100%	WNT5A	100%	WNT5B	100%
WNT6	100%	WNT7A	100%	WNT7B	100%	WNT8A	100%	WNT8B	100%
WNT9A	99%	WNT9B	99%	WRAP53	100%	WRAP73	100%	WRB	100%
WRN	100%	WRNIP1	97%	WSB1	100%	WSB2	99%	WSCD1	100%
WSCD2	100%	WT1	100%	WTAP	100%	WTH3DI	95%	WTIP	80%
WWC1	100%	WWC2	100%	WWC3	96%	WWOX	100%	WWP1	95%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
WWP2	100%	WWTR1	100%	XAB2	99%	XAF1	98%	XAGE1A	0%
XAGE1B	0%	XAGE1C	0%	XAGE1D	0%	XAGE1E	0%	XAGE2	0%
XAGE2B	0%	XAGE3	94%	XAGE5	98%	XBP1	100%	XCL1	100%
XCL2	99%	XCR1	100%	XDH	100%	XG	99%	XIAP	100%
XIRP1	99%	XIRP2	100%	XK	100%	XKR3	85%	XKR4	99%
XKR5	99%	XKR6	100%	XKR7	98%	XKR8	100%	XKR9	100%
XKRX	100%	XKRY	0%	XKRY2	0%	XPA	98%	XPC	100%
XPNPEP1	100%	XPNPEP2	100%	XPNPEP3	100%	XPO1	99%	XPO4	100%
XPO5	100%	XPO6	99%	XPO7	100%	XPOT	98%	XPR1	100%
XRCC1	100%	XRCC2	100%	XRCC3	100%	XRCC4	100%	XRCC5	100%
XRCC6	96%	XRCC6BP1	100%	XRN1	100%	XRN2	100%	XRR1A	100%
XXYLT1	100%	XYLB	100%	XYLT1	99%	XYLT2	100%	YAE1D1	100%
YAF2	100%	YAP1	94%	YARS	100%	YARS2	100%	YBEY	100%
YBX1	78%	YBX2	93%	YDJC	90%	YEATS2	100%	YEATS4	100%
YES1	93%	YIF1A	100%	YIF1B	100%	YIPF1	100%	YIPF2	100%
YIPF3	99%	YIPF4	100%	YIPF5	100%	YIPF6	100%	YIPF7	99%
YJEFN3	99%	YKT6	100%	YLPM1	100%	YME1L1	99%	YOD1	100%
YPEL1	100%	YPEL2	100%	YPEL3	99%	YPEL4	100%	YPEL5	99%
YRDC	71%	YSK4	100%	YTHDC1	99%	YTHDC2	99%	YTHDF1	100%
YTHDF2	98%	YTHDF3	100%	YWHAB	100%	YWHAE	100%	YWHAG	100%
YWHAH	100%	YWHAQ	100%	YWHAZ	82%	YY1	100%	YY1AP1	99%
YY2	100%	ZACN	100%	ZADH2	100%	ZAK	100%	ZAN	99%
ZAP70	100%	ZAR1	95%	ZAR1L	100%	ZBBX	99%	ZBED1 (chrX)	100%
ZBED1 (chrY)	0%	ZBED2	100%	ZBED3	62%	ZBED4	100%	ZBED5	100%
ZBED6	100%	ZBP1	100%	ZBTB1	100%	ZBTB10	100%	ZBTB11	100%
ZBTB12	85%	ZBTB16	100%	ZBTB17	100%	ZBTB2	100%	ZBTB20	100%
ZBTB22	100%	ZBTB24	100%	ZBTB25	100%	ZBTB26	99%	ZBTB3	100%
ZBTB32	100%	ZBTB33	100%	ZBTB34	100%	ZBTB37	100%	ZBTB38	100%
ZBTB39	100%	ZBTB4	100%	ZBTB40	100%	ZBTB41	100%	ZBTB42	100%
ZBTB43	100%	ZBTB44	100%	ZBTB45	100%	ZBTB46	100%	ZBTB47	99%
ZBTB48	100%	ZBTB49	100%	ZBTB5	100%	ZBTB6	100%	ZBTB7A	99%
ZBTB7B	98%	ZBTB7C	100%	ZBTB8A	100%	ZBTB8B	100%	ZBTB8OS	94%
ZBTB9	100%	ZC3H10	100%	ZC3H11A	100%	ZC3H12A	100%	ZC3H12B	100%
ZC3H12C	100%	ZC3H12D	99%	ZC3H13	100%	ZC3H14	100%	ZC3H15	100%
ZC3H18	100%	ZC3H3	99%	ZC3H4	98%	ZC3H6	100%	ZC3H7A	100%
ZC3H7B	100%	ZC3H8	100%	ZC3HAV1	100%	ZC3HAV1L	100%	ZC3HC1	100%
ZC4H2	99%	ZCCHC10	95%	ZCCHC11	99%	ZCCHC12	100%	ZCCHC13	100%
ZCCHC14	98%	ZCCHC16	100%	ZCCHC17	97%	ZCCHC18	100%	ZCCHC2	94%
ZCCHC24	100%	ZCCHC3	98%	ZCCHC4	100%	ZCCHC5	100%	ZCCHC6	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ZCCHC7	100%	ZCCHC8	100%	ZCCHC9	100%	ZCRB1	98%	ZCWPW1	100%
ZCWPW2	100%	ZDBF2	100%	ZDHH1	96%	ZDHH11	92%	ZDHH12	100%
ZDHH13	100%	ZDHH14	100%	ZDHH15	100%	ZDHH16	100%	ZDHH17	100%
ZDHH18	89%	ZDHH19	100%	ZDHH2	99%	ZDHH20	92%	ZDHH21	100%
ZDHH22	100%	ZDHH23	100%	ZDHH24	98%	ZDHH3	100%	ZDHH4	100%
ZDHH5	100%	ZDHH6	100%	ZDHH7	100%	ZDHH8	94%	ZDHH9	100%
ZEB1	100%	ZEB2	100%	ZER1	100%	ZFAND1	100%	ZFAND2A	100%
ZFAND2B	100%	ZFAND3	92%	ZFAND4	100%	ZFAND5	97%	ZFAND6	99%
ZFAT	100%	ZFC3H1	100%	ZFHX2	100%	ZFHX3	100%	ZFHX4	100%
ZFP1	100%	ZFP106	100%	ZFP112	100%	ZFP14	100%	ZFP161	100%
ZFP2	100%	ZFP28	99%	ZFP3	100%	ZFP30	100%	ZFP36	100%
ZFP36L1	100%	ZFP36L2	100%	ZFP37	100%	ZFP41	100%	ZFP42	100%
ZFP57	100%	ZFP62	100%	ZFP64	100%	ZFP82	100%	ZFP90	100%
ZFP91	99%	ZFP92	95%	ZFPL1	100%	ZFPM1	87%	ZFPM2	100%
ZFR	100%	ZFR2	97%	ZFX	100%	ZFY	61%	ZFYVE1	100%
ZFYVE16	100%	ZFYVE19	100%	ZFYVE20	100%	ZFYVE21	100%	ZFYVE26	100%
ZFYVE27	100%	ZFYVE28	100%	ZFYVE9	100%	ZG16	100%	ZG16B	100%
ZGLP1	100%	ZGPAT	100%	ZHX1	100%	ZHX1-C8ORF76	100%	ZHX2	100%
ZHX3	100%	ZIC1	100%	ZIC2	95%	ZIC3	100%	ZIC4	100%
ZIC5	88%	ZIK1	100%	ZIM2	100%	ZIM3	100%	ZKSCAN1	99%
ZKSCAN2	100%	ZKSCAN3	100%	ZKSCAN4	100%	ZKSCAN5	100%	ZMAT1	94%
ZMAT2	100%	ZMAT3	100%	ZMAT4	100%	ZMAT5	100%	ZMIZ1	99%
ZMIZ2	100%	ZMPSTE24	100%	ZMYM1	100%	ZMYM2	100%	ZMYM3	100%
ZMYM4	100%	ZMYM5	100%	ZMYM6	100%	ZMYM6NB	96%	ZMYND10	100%
ZMYND11	100%	ZMYND12	100%	ZMYND15	100%	ZMYND17	100%	ZMYND19	100%
ZMYND8	100%	ZNF10	100%	ZNF100	100%	ZNF101	100%	ZNF107	100%
ZNF114	100%	ZNF117	100%	ZNF12	100%	ZNF121	100%	ZNF124	96%
ZNF131	100%	ZNF132	100%	ZNF133	100%	ZNF134	100%	ZNF135	100%
ZNF136	100%	ZNF138	100%	ZNF14	100%	ZNF140	56%	ZNF141	100%
ZNF142	100%	ZNF143	100%	ZNF146	100%	ZNF148	100%	ZNF154	100%
ZNF155	100%	ZNF157	100%	ZNF16	100%	ZNF160	100%	ZNF165	100%
ZNF167	97%	ZNF169	100%	ZNF17	100%	ZNF174	100%	ZNF175	100%
ZNF177	100%	ZNF18	100%	ZNF180	100%	ZNF181	100%	ZNF182	98%
ZNF184	100%	ZNF185	99%	ZNF187	100%	ZNF189	100%	ZNF19	100%
ZNF192	100%	ZNF193	100%	ZNF195	98%	ZNF197	100%	ZNF2	100%
ZNF20	100%	ZNF200	100%	ZNF202	100%	ZNF205	100%	ZNF207	100%
ZNF208	100%	ZNF211	100%	ZNF212	100%	ZNF213	100%	ZNF214	100%
ZNF215	100%	ZNF217	100%	ZNF219	99%	ZNF22	100%	ZNF221	100%
ZNF222	100%	ZNF223	100%	ZNF224	100%	ZNF225	100%	ZNF226	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ZNF227	100%	ZNF229	100%	ZNF23	100%	ZNF230	100%	ZNF232	100%
ZNF233	100%	ZNF234	100%	ZNF235	100%	ZNF236	100%	ZNF238	100%
ZNF239	100%	ZNF24	100%	ZNF248	100%	ZNF25	100%	ZNF250	100%
ZNF251	100%	ZNF253	100%	ZNF254	100%	ZNF256	100%	ZNF257	100%
ZNF259	97%	ZNF26	0%	ZNF260	100%	ZNF263	100%	ZNF264	100%
ZNF266	100%	ZNF267	99%	ZNF268	98%	ZNF273	100%	ZNF274	100%
ZNF275	100%	ZNF276	97%	ZNF277	100%	ZNF28	100%	ZNF280A	100%
ZNF280B	100%	ZNF280C	96%	ZNF280D	99%	ZNF281	100%	ZNF282	94%
ZNF283	94%	ZNF284	100%	ZNF285	100%	ZNF286A	100%	ZNF286B	98%
ZNF287	100%	ZNF292	100%	ZNF295	100%	ZNF296	100%	ZNF3	100%
ZNF30	100%	ZNF300	100%	ZNF302	100%	ZNF304	100%	ZNF311	100%
ZNF317	100%	ZNF318	98%	ZNF319	100%	ZNF32	100%	ZNF320	100%
ZNF322	76%	ZNF323	100%	ZNF324	100%	ZNF324B	100%	ZNF326	100%
ZNF329	100%	ZNF330	100%	ZNF331	100%	ZNF333	100%	ZNF334	100%
ZNF335	100%	ZNF337	100%	ZNF33A	100%	ZNF33B	100%	ZNF34	100%
ZNF341	98%	ZNF343	100%	ZNF345	100%	ZNF346	100%	ZNF347	100%
ZNF35	100%	ZNF350	100%	ZNF354A	99%	ZNF354B	98%	ZNF354C	100%
ZNF358	100%	ZNF362	99%	ZNF365	100%	ZNF366	100%	ZNF367	85%
ZNF37A	100%	ZNF382	100%	ZNF383	100%	ZNF384	100%	ZNF385A	100%
ZNF385B	99%	ZNF385D	100%	ZNF391	100%	ZNF394	100%	ZNF395	100%
ZNF396	100%	ZNF397	100%	ZNF398	100%	ZNF404	100%	ZNF407	100%
ZNF408	100%	ZNF41	100%	ZNF410	100%	ZNF414	98%	ZNF415	100%
ZNF416	100%	ZNF417	97%	ZNF418	100%	ZNF419	100%	ZNF420	100%
ZNF423	100%	ZNF425	100%	ZNF426	100%	ZNF428	100%	ZNF429	100%
ZNF43	100%	ZNF430	100%	ZNF431	100%	ZNF432	100%	ZNF433	100%
ZNF434	100%	ZNF436	100%	ZNF438	100%	ZNF439	100%	ZNF44	100%
ZNF440	100%	ZNF441	100%	ZNF442	100%	ZNF443	100%	ZNF444	95%
ZNF445	100%	ZNF446	99%	ZNF449	99%	ZNF45	100%	ZNF451	97%
ZNF454	100%	ZNF460	100%	ZNF461	100%	ZNF462	100%	ZNF467	100%
ZNF468	100%	ZNF469	100%	ZNF470	100%	ZNF471	100%	ZNF473	100%
ZNF474	100%	ZNF479	100%	ZNF48	100%	ZNF480	100%	ZNF483	100%
ZNF484	100%	ZNF485	100%	ZNF486	100%	ZNF488	100%	ZNF490	100%
ZNF491	100%	ZNF492	94%	ZNF493	98%	ZNF496	99%	ZNF497	100%
ZNF498	100%	ZNF500	100%	ZNF501	100%	ZNF502	100%	ZNF503	100%
ZNF506	100%	ZNF507	100%	ZNF510	100%	ZNF511	99%	ZNF512	100%
ZNF512B	100%	ZNF513	100%	ZNF514	100%	ZNF516	100%	ZNF517	100%
ZNF518A	100%	ZNF518B	100%	ZNF519	100%	ZNF521	100%	ZNF524	100%
ZNF526	100%	ZNF527	100%	ZNF528	100%	ZNF529	100%	ZNF530	100%
ZNF532	87%	ZNF534	100%	ZNF536	100%	ZNF540	99%	ZNF541	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ZNF543	100%	ZNF544	100%	ZNF546	100%	ZNF547	100%	ZNF548	100%
ZNF549	100%	ZNF550	100%	ZNF551	100%	ZNF552	99%	ZNF554	98%
ZNF555	100%	ZNF556	100%	ZNF557	100%	ZNF558	100%	ZNF559	100%
ZNF559-ZNF177	100%	ZNF560	100%	ZNF561	100%	ZNF562	100%	ZNF563	100%
ZNF564	100%	ZNF565	100%	ZNF566	100%	ZNF567	100%	ZNF568	100%
ZNF569	100%	ZNF57	100%	ZNF570	100%	ZNF571	100%	ZNF572	100%
ZNF573	94%	ZNF574	100%	ZNF575	97%	ZNF576	98%	ZNF577	100%
ZNF578	100%	ZNF579	93%	ZNF580	99%	ZNF581	100%	ZNF582	100%
ZNF583	100%	ZNF584	100%	ZNF585A	100%	ZNF585B	100%	ZNF586	100%
ZNF587	100%	ZNF589	100%	ZNF592	100%	ZNF593	99%	ZNF594	100%
ZNF595	99%	ZNF596	100%	ZNF597	100%	ZNF598	99%	ZNF599	100%
ZNF600	100%	ZNF605	31%	ZNF606	100%	ZNF607	100%	ZNF608	100%
ZNF609	100%	ZNF610	100%	ZNF611	100%	ZNF613	100%	ZNF614	100%
ZNF615	100%	ZNF616	100%	ZNF618	99%	ZNF619	100%	ZNF620	100%
ZNF621	100%	ZNF622	100%	ZNF623	100%	ZNF624	100%	ZNF625	100%
ZNF626	96%	ZNF627	100%	ZNF628	96%	ZNF629	100%	ZNF630	100%
ZNF638	100%	ZNF639	100%	ZNF641	100%	ZNF642	100%	ZNF643	100%
ZNF644	100%	ZNF645	99%	ZNF646	100%	ZNF648	100%	ZNF649	100%
ZNF652	99%	ZNF653	99%	ZNF654	100%	ZNF655	100%	ZNF658	58%
ZNF660	100%	ZNF662	100%	ZNF664	100%	ZNF664-FAM101A	100%	ZNF665	100%
ZNF667	100%	ZNF668	100%	ZNF669	100%	ZNF670	100%	ZNF671	100%
ZNF672	99%	ZNF673	100%	ZNF674	100%	ZNF675	100%	ZNF676	100%
ZNF677	100%	ZNF678	96%	ZNF679	100%	ZNF680	99%	ZNF681	100%
ZNF682	100%	ZNF683	100%	ZNF684	100%	ZNF687	100%	ZNF688	100%
ZNF689	100%	ZNF69	100%	ZNF691	100%	ZNF692	98%	ZNF695	100%
ZNF696	100%	ZNF697	98%	ZNF699	100%	ZNF7	100%	ZNF70	100%
ZNF700	100%	ZNF701	99%	ZNF703	100%	ZNF704	100%	ZNF705A	4%
ZNF705D	0%	ZNF705G	15%	ZNF706	92%	ZNF707	100%	ZNF708	100%
ZNF709	100%	ZNF71	100%	ZNF710	100%	ZNF711	100%	ZNF713	100%
ZNF714	99%	ZNF716	100%	ZNF717	64%	ZNF718	100%	ZNF720	100%
ZNF721	100%	ZNF726	100%	ZNF727	100%	ZNF732	100%	ZNF735	100%
ZNF736	100%	ZNF737	100%	ZNF74	100%	ZNF740	100%	ZNF746	99%
ZNF747	96%	ZNF749	100%	ZNF750	100%	ZNF75A	100%	ZNF75D	100%
ZNF76	100%	ZNF761	100%	ZNF763	100%	ZNF764	99%	ZNF765	100%
ZNF766	100%	ZNF768	100%	ZNF77	100%	ZNF770	100%	ZNF771	93%
ZNF772	100%	ZNF773	100%	ZNF774	100%	ZNF775	98%	ZNF776	100%
ZNF777	100%	ZNF778	100%	ZNF780A	100%	ZNF780B	100%	ZNF781	100%
ZNF782	100%	ZNF783	100%	ZNF784	94%	ZNF785	100%	ZNF786	100%
ZNF787	85%	ZNF789	99%	ZNF79	100%	ZNF790	100%	ZNF791	100%

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Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage	Gene	Coverage
ZNF792	100%	ZNF793	100%	ZNF799	98%	ZNF8	100%	ZNF80	100%
ZNF800	100%	ZNF804A	100%	ZNF804B	100%	ZNF805	100%	ZNF808	100%
ZNF81	100%	ZNF813	100%	ZNF814	99%	ZNF816	100%	ZNF816-ZNF321P	100%
ZNF821	100%	ZNF823	100%	ZNF827	100%	ZNF829	100%	ZNF83	100%
ZNF830	100%	ZNF831	100%	ZNF835	100%	ZNF836	100%	ZNF837	100%
ZNF839	96%	ZNF84	0%	ZNF841	100%	ZNF843	100%	ZNF844	100%
ZNF845	100%	ZNF846	100%	ZNF85	100%	ZNF850	100%	ZNF853	93%
ZNF860	100%	ZNF862	99%	ZNF865	96%	ZNF878	100%	ZNF879	100%
ZNF880	100%	ZNF883	100%	ZNF90	100%	ZNF91	100%	ZNF92	100%
ZNF93	100%	ZNF98	95%	ZNF99	100%	ZNFX1	100%	ZNHIT1	100%
ZNHIT2	100%	ZNHIT3	100%	ZNHIT6	100%	ZNRD1	100%	ZNRF1	100%
ZNRF2	59%	ZNRF3	100%	ZNRF4	100%	ZP1	100%	ZP2	100%
ZP3	93%	ZP4	100%	ZPBP	100%	ZPBP2	100%	ZPLD1	100%
ZRANB1	100%	ZRANB2	99%	ZRANB3	100%	ZRSR2	99%	ZSCAN1	100%
ZSCAN10	100%	ZSCAN12	100%	ZSCAN16	100%	ZSCAN18	100%	ZSCAN2	100%
ZSCAN20	100%	ZSCAN21	100%	ZSCAN22	100%	ZSCAN23	100%	ZSCAN29	100%
ZSCAN30	100%	ZSCAN4	100%	ZSCAN5A	93%	ZSCAN5B	94%	ZSWIM1	100%
ZSWIM2	100%	ZSWIM3	100%	ZSWIM4	99%	ZSWIM5	99%	ZSWIM6	96%
ZSWIM7	93%	ZUFSP	100%	ZW10	100%	ZWILCH	100%	ZWINT	100%
ZXDA	81%	ZXDB	84%	ZXDC	98%	ZYG11A	100%	ZYG11B	99%
ZYX	100%	ZZEF1	100%						

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