

Supplementary Table 5. Genes extracted from the analysis of the microarray related to the Monoclonal**Gammopathy of Undetermined Significance**

LZTS3	WDR4	SYP	HHCM	SLC5A3	RGS19	TBX4	PDE1B
ARID1A	RHOJ	TCF15	DGAT2	TRPC4	EOS	FOLH1B	MCF2L
GALE	GSR	COPZ1	ANK1	PSMA2P2	DAP3	RAPGEF4	KBTBD8
CYP2C8	OSBPL2	RALGDS	KIAA0556	RABGAP1L	KBTBD11	TFR2	NRN1
NFIC	LCE3D	C12orf75	RIPK2	TSEN34	TRH	GIMAP2	LINC01357
PRR12	DECR2	OSGEP	IFNA14	RNF113A	VCAM1	GALNAC-T7	ELMO3
SUOX	PEX11A	PAIP2	WNT1	MRPS14	CAPN7	RAB40C	HPS6
SLC25A47	KBTBD2	TCN2	ONECUT2	ACAP1	CALN1	PPY2P	TMEM131L
LAG3	TIA1	ACTA2	LLC1	NDST4	AGAP2	SP1	IGSF6
KDELR3	ZNF259P1	SYT12	RPL13-2	STON1	UBL5	ADGRE3	LOC100131348
LY6H	TGM1	KIAA1134 protein	PROK1	KIAA0370 protein	EGFL6	HTR1A	SFRP4
TONSL	AMT	ZNF317	DNM3	ZNF594	HDAC8	LOC100128540	USP26
DOCK4	POPDC3	PSMD3	USP4	USP4	GPC6	CYP1A2	NFS1
TP53BP1	PSMD4P1	PRKCQ	MARK4	RIPK3	PPP4R2	HAPLN1	TMEM126B
LILRA4	SLC7A13	C8orf34	SAMSN1	ITPR3	TNC	FGF18	DLGAP5
MLH1	RAMP2	RAB40A	CHRNA2	F13A1	S100A5	PATZ1	ADGRL4
MTRF1L	GAS5	MTRF1L	GAS5	DHRC	COL6A3	ACE2	NANS
LGALS9B	KRT34	SRSF8	CDO1	SYNE2	SNRPA1	TXNIP	SLC34A1
MMP20	PRKCD	PPP1R12C	SLC4A4	WNK4	LINC01357	DMTF1	TMEM87A
FETUB	GALNT2	FOXP3	EVC	MBIP	FETUB	FOXP3	SENP8
FOXB1	A4GNT	STAM2	CLTC	CLASP2	H2B	PLAAT4	MLF1
DHRS9	MYL4	PLA2G2D	H2B	SEC16A	SLC16A8	SMYD4	TRIM3
LUC7-like S. cerevisiae	CNTNAP1	OR51B4	HOXA10	CD34	HAS3	YWHAH	PTGS1
EPHA7	ARFRP1	ELF4	ZNF302	ATP2B2	GAPVD1	KIN	SRY
FHL1	USP5	PROK2	CITED2	SEZ6L2	KCNA1	ACADSB	RAPGEF6
PPP4C	DACT1	TOR1AIP1	TRHR	PARS2	DISC2	GMIP	MLLT6
IGHM	CBL-3	ANXA4	DDX3Y	SIGLEC10	MLN	SCML2	MAGEC2
STC2	PSD2	RRM1	CDC42	MID1	CCL21	STAT4	OXCT1
ZFP64	FOXP1	ACSL1	GZMK	LOC100131471	NCOA4	ACSL1	IGSF3
HSD17B2	SOGA1	JBTS26	CD74	TAX1BP3	JBTS26	KEAP1	XRCC2
CD74	OR51F2	HMG2P10	OR51F2	FARSB	EXOSC3	NGB	RAB14
DR1	FBXO25	AC246795.3	EIF5A2	CLDN9	PPP1R9A	KCNC3	SLX4IP
SELENOS	IGF1	LOH12CR2	SLX4IP	EPC2	OR11A1	EPC2	PARM1
OR11A1	SPIRE1	PRNP	HIC1	SLK	TTC4	HOXB13	PHF14
CD69	TTC4	HMCES	CD69	TCEAL2	ALG13	SOD2P1	BMP15

DDX31	TMEM208	DSP	SNX13	LINC01357	ADAMTS5	SPSB4	CTSB
EDAR	CRHR2	REM2	NDP	TTC37	ANXA1	HMGN2P10	FIGNL2
SUCNR1	KIAA1841	CIB3	POMT1	TNFRSF1A	PBRM1	RASAL2	CCHCR1
RAB14	MATK	P2RY10	SOD2P1	KLF16	GPRC5D	ACE2	PEX3
COL11A2	S100A1	SLC6A5	CFB	ZFP64	KIAA0930	AGAP4	AGTRAP
FGFR2	ATP5MC1	PSMB5	RBBP9	NR3C2	SLC31A2	NEK2	LENG9
HIST1H2AG	UBA6	SRPK2P	EIF5	MATK	TMED7	DUSP15	MXD4
IL3RA	TIMP1	DESI2	PFAS	RBP4	NOG	TMX2	NCOA5
IFT80	RNASEH2A	FIGNL2	FXYP7	PPM1G	TYR	HMGA2	C5orf63
FOXB1	PTK2B	ITGA11	CLU	CRBN	DMTF1	TBP	S100Z
GMPPB	HNRNPK	SLC17A2	CALN1	SLC13A2	ACSM3	FXYP7	GRM7
SORT1	GPATCH8	CD79B	LGALS1	HPGDS	SPIN2A	UBE2F	MARK4
MEIS3	ZNF23	CEACAM5	STMN1	CIB3	HE LZ	ND	CD74
ADGRE3	LINC01357	DMBT1	PIGL	ZBTB24	TREM1	WDR1	SLC25A47
BRD8	TCEAL2	POLG2	SMARCA5	CASKP1	RTBDN	TRIM28	NUTF2
WNK4	LOC402279	SLC22A10	DVL2	ZNF263	PAFAH1B1	RASL12	AFG3L2
RECQL4	PSD2	DSP	HIC1	LOC402279	GLI1	DRD4	COPB1
LINC01357	TAX1BP3	LRMP	GALE	ZBTB24	SLK	SLAIN2	RECQL
KRT34	LRMP	FNBP1	PSTPIP1	OR5G1P	CLEC2B	TTC37	MRPS31
GRB7	RAB22A	ADAMTS5	MLH1	CALU	TRIM4	EDEM2	SFRP4
SNX13	KIF23	GGA3	PIP4K2A	TXNIP	TVP23B	FUT1	PPY2P
ASIC1	SPIRE1	PIGL	KLF16	BZW1	PTGS2	TIMP1	SORT1
ATP1B4	APOM	MRPS31	TMEM208	ACTL7A	BRSK2	ACTL7A	TRIM16
HCN2	C8orf34	HIF1AP1	BRSK2	SNRPA1	TBC1D7	COL15A1	LGALS3BP
PRNP	RNF6P1	IRF2BP1	CNTN5	EPHA4	ELAVL4	SYNE2	PRDM7
PIP4K2A	PATZ1	PPP4R2	GALNT2	NEUROD2	FAM13A	DOP1A	RRAGC
BMP15	ARHGAP39	LINC01357	CXCL17	TMPRSS11F	TFCP2	STC2	LINC01357
WWOX	SUOX	NMD3	ITGB6	CLEC2B	OR5G1P	LGALS9B	RFX1
SH3BP5L	VDAC1	GPRC5D	ALG13	AN	ZNF395	CHKB	MCM3
SPDEF	FGF6	EIF5	HNRNPK	PIP4K2A	RAB40A	MED24	BTBD9
GREB1	LINC01357	SLC4A4	ADGRL4	SEC63	GABBR2	OPCML	TOP1
ETNK1	OSTM1	CARD8	KCNC3	SLC1A1	RS1	HEYL	CIB3
HIST1H2AL	FAM71F1	SPG7	MCM3	CRCT1	MKRN4P	PMS1	HEXIM1
RHCG	PTPRS	TOGARAM1	LOH12CR2	PTPRF	PAPSS2	RFXP3	EPX
OR1F2P	SMARCD2	CDC42	PRKRA	THAP11	ERN2	CEP135	IFNA14
AMFR	VCAM1	KRT36	HMCES	STAM2	ZNF530	GRB7	MAGEC2

Homeo box B13	FBXW2	TGOLN2	MCM7	MLPH	CFHR5	CPB1	STON1
FOXI1	S100A5	RAF1P1	RPL13	SRSF1	WDR90	DR1	C1GALT1
SLC25A18	AREL1	RXFP3	PCDH10	CDK18	EMP2	TGFB2	BHLHE41
GAS8	CMC2	EIF5A2	NOL11	TGIF2-RAB5IF	HPD	SLC33A1	WDR37
EIF4B	ITIH4	TRIM3	SLC34A1	ITGA11	STOML1	MATK	CLEC4E
ZIC5	KIAA0970 protein	PRTFDC1	KPNA1	HAS1	PIKFYVE	COL6A3	DPYSL3
CHMP4A	ING1	PLA2G2D	APOC4-APOC2	KIF17	PRDM14	MMP24	PURG
ASIC1	NUP62	TBXT	ACRBP	LINC01357	RCE1	ABL2	UBE2Q1
PDK2	SNHG12	UBE2M	UNGP2	ITIH4	FN3K	ZNF469	BNC1
GALNT16	LINC01357	F10	EVI2B	C1GALT1	NDST4	MBP	DUX1
FOXD2	SELENOS	OPCML	TCF25	ACKR2	MIF4GD	HYMAI	CALU
HBEGF	TEP1	SFMBT1	FAM13A	ALX1	RTBDN	SNTB1	CCNG2
OSM	OAZ2	ATP9B	SPAG6	CST11	CXCL10	ENO3	SLC17A1
WNK3	SCN1A	RAD18	PARM1	KERA	FGF7P1	HCGII-7 protein	ADGRB3
SERPINA11	UBE2E2	FBL	LHFPL3	TMEM94	LGALS14	MRPL57	BRD4
FXYD7	SCN10A	COL13A1	ALDOB	ZNF527	HTR6	SKIV2L	STX18
MRPL17	KLRF2	RNF13	BAAT	GPATCH8	UGP2	RGS16	CEACAM7
EDAR	C20orf181	RPL36A	MYO1D	ABCG4	ZNF333	BRD8	ANXA11
CEBPB	TKTL1	RHCG	CBWD1	EIF4E2	APOL5	LZTS3	CLASP2
UHRF2	SERPINA5	KRT9	NEK1	CCT6P5	GPR84	ONECUT2	EFS
GBA	LTBP4	KLF5	IRS1	CDK12	EPB42	MCM7	PHF14
PINX1	CCL19	GCN1	PDP2	AKAP8L	KIF21A	CACNG4	VAX2
POLR3C	HAT1	RAPGEF4	WFDC2	LGR5	AMOT	ANXA4	USP9X
GYG2	CDC6	KRT37	ACTB	HOXC8	RHOBTB2	SLC6A18	STX1A
POU3F2	HLA-DPA1	DOCK4	CYLC2	NECAP1P1	PAFAH1B1	PLEKHA5	TAT
CDK2	HHAT	SMARCA4	APBA3	CCL11	SCP2	FOSL2	ZNF423
SLC6A18	ACKR4	OR6W1P	DTNB	SLC7A11	HEATR5A	RTN2	BNC1
TECTB	SH3GLB1	ZIM3	HOXA10	MST1R	SFMBT1	ACTA2	HACD1
PSME2	C1QTNF1	F2RL2	GOLT1A	HIBADH	MTFR1	BIRC8	FUT1
AKAP6	ZBTB40	RAB23	DDX31	DHX37	ELMO3	LINC01357	KIN
RAB4B	GNRHR	PSMD4P1	FKBP9	FLACC1	PHF1	SSX3	KRT37
NFIL3	SARM1	SLAIN2	ECD	QTRT1	FAM153A	CTD	KBTBD2
CYYR1	COG2	TGIF2-RAB5IF	RAP1GA P2	F10	RHO	MAN1A2	PTBP1
TAS2R10	PSTPIP1	PPP1R9A	KIAA0408	TLN2	TRIM55	OLFM3	PFAS
PRKCD	NPAP1L	AMACR	MPO	HIP1	LINC01357	ITGAE	DLEU1
SLC38A5	TCF21	HNF4A	GPAM	SET	SP4	SENP8	SUCNR1

ITGAE	HRH4	LMO1	NR2C2	HSP90AA3P	MIER1	ZBTB18	COL4A2
AGAP2	MYO1C	SPAST	CGA	PTK6	SRP54	FOXN3-AS2	ASAH1
PRDM14	ETFA	IL19	DNAJC8	PTK2	ADAMTS9	ARF6	CFDP1
RAN	CLUL1	CAPN10	ICAM4	DMBT1	HLA-DQA1	LINC01357	CDO1
EDAR	RNASE6	AS3MT	TNRC18P3	GYPA	CHRND	HMMR	SEC13
ZNF84	RAB40C	RBBP9	SLC5A4	STIL	RBM5	DHX9	DRD5
RHO	MRE11	LGALS4	SCARA3	MARCO	EPSTI1	HLA-G	APOM
SP110	CLNS1AP1	IQGAP2	SMAD4	B2M	CHRNA3	LIN7C	TM9SF3
BATF2	MNAT1	ART4	MST1R	CWC27	THYN1	SLC17A1	DEPP1
RALGPS1	NEUROD2	HCRT	CRYBB3	EFNA3	ILF2	JAZF1	CTSD
HHLA1	MAPRE3	KRT71	GALNT7	AGA	UBE2M	NR1H2	SCML2
PTHLH	Untitled	KCNN3	LEPROTL1	CHML	KCNIP3	ZSCAN21	FGF20
NUP62	COX6B2	RFC5	ZKSCAN3	DLAT	SCNN1A	SFRP5	ZNRF1
MTNR1A	TERF2IP	LDHA	CNTN6	PARP3	UBQLN2	UBL5	HNRNP
SHH	TSPAN13	POLE3	KRT19	GJA10	MYT1	CAP2	GPC6
CHD2	NPEPPS	NIFK	RFT1	TRAF3	P2RY10BP	LACTB	IGHM
NEDD9	NUP62	RFX1	FEV	SMYD4	RGCC	PRB4	SFTPC
IFI30	UTS2	UBIAD1	SLC20B1	FMO4	MSMB	SORBS1	RHO
ZNF205	FCGRT	CIAO2B	PSMB3P2	SNAPC2	RECK	LOC441904	ELF3
IFT81	GNAT2	HOMEZ	GPR61	SEPSECS	PLAGL2	DNALI1	EIF2S3B
SLC25A10	BCAM	RFT1	FARSB	CEND1	SRPK3	FOXP1	IL1F10
NFS1	CAMP	SERPINE1	KIF22	SUV39H1	SLIT2	CYP1A2	TCF3
CD74	RRAGB	MAFF	YWHAZP1	CNIH2	PIK3C2B	LHPP	DNAJC19
VPS52	EFNA5	NPHS1	ZNF160	RAP2B	COPS8	HP	PRAC1
ARF1	RIMS2	CHKB	STARD10	COL11A2	VENTX	CASP6	PCDHGB1
PINX1	HCFC2	DHDH	SLC1A3	DNMT3A	CRYGB	SCGB3A2	TEX28P1
ARC	LINC01357	ATP23	LRPAP1	GBGT1	PDLIM1	RAB33A	OR1D2
LZTS3	IL36B	ERAP1	PPA1	DSTN	IRF2BP1	STAT3	ZFP37
RNU2-1	PCDHA2	KIF21B	DYRK3	OR2C1	FGF9	MTNR1B	TCF3P1
CHD1	RPL5	BCKDK	FAM153A	SCN2A	P2RY8	RAB3B	HS3ST4
SDF2L1	BFSP2	AHSG	HYAL3	NPY2R	FUT1	GABARAP	TBP
ANGPTL2	CDH8	LINC01357	TSSK3	PCDH10	SERTAD2	KCNJ10	CNTFR