

Table S2: Gene expression levels that are significantly correlated with sensitivity.

The significant gene results ($p < 0.05$, corrected Bonferroni p -value) are shown for each respective antibody in bold. The p -value is also shown when $p > 0.05$ to 0.25 if p is < 0.05 for another antibody. Data is sorted based on drug then level of significance.

	Ensembl ID	gene name	ofat p-value n=221	obin p-value n=8	rtx p-value n=2
rituximab	ENSG00000151079.6	KCNA6	0.0103	0.1672	0.0372
	ENSG00000102870.4	ZNF629	0.0016	0.1877	0.0372
obinutuzumab	ENSG00000146416.10	AIG1	0.0103	0.0016	---
	ENSG00000018408.10	WWTR1	0.0436	0.0102	---
	ENSG00000223478.1	RP11-545E17.3	0.0033	0.0102	---
	ENSG00000261609.1	GAN	0.0072	0.0102	---
	ENSG00000223886.3	RP11-251G23.2	0.1485	0.0184	---
	ENSG00000196083.5	IL1RAP	0.0084	0.0184	---
	ENSG00000136444.5	RSAD1	0.0698	0.0184	---
	ENSG00000150593.11	PDCD4	0.2059	0.0388	---
ofatumumab	ENSG00000140682.14	TGFB1I1	0.0003	---	---
	ENSG00000102870.4	ZNF629	0.0016	0.1877	0.0372
	ENSG00000262026.1	ENSG00000262026.1	0.0017	0.2180	0.0757
	ENSG00000075234.12	WSB2	0.0025	---	---
	ENSG00000145936.3	KCNMB1	0.0025	0.1620	---
	ENSG00000141391.8	PRELID3A	0.0025	---	---
	ENSG00000160233.5	LRRC3	0.0025	0.2323	0.2059
	ENSG00000155254.7	MARVELD1	0.0025	0.1240	---
	ENSG00000176871.4	RP11-545E17.3	0.0033	0.0102	---
	ENSG00000188290.6	HES4	0.0039	---	---
	ENSG00000102996.4	MMP15	0.0042	---	---
	ENSG00000102931.3	ARL2BP	0.0069	---	---
	ENSG00000223478.1	FCMR	0.0072	0.2198	---
	ENSG00000146416.10	DPF3	0.0072	---	---
	ENSG00000241399.2	CD302	0.0072	0.0941	---
	ENSG00000143878.8	RHOB	0.0072	---	---
	ENSG00000261609.1	GAN	0.0072	0.0102	---
	ENSG00000110080.13	ST3GAL4	0.0072	---	---
	ENSG00000188997.3	KCTD21	0.0084		
	ENSG00000082781.6	GNAS	0.0084		
	ENSG00000186314.7	PRELID2	0.0084		
	ENSG00000168026.11	TTC21A	0.0084	0.2050	
	ENSG00000181649.5	PHLDA2	0.0084		
	ENSG00000196083.5	IL1RAP	0.0084	0.0184	

ENSG00000178773.10	CPNE7	0.0084	0.2353	
ENSG00000110237.3	ARHGEF17	0.0084		
ENSG00000107738.12	C10orf54	0.0085	0.1786	
ENSG00000171368.10	TPPP	0.0089	0.2353	
ENSG00000120029.7	C10orf76	0.0093		
ENSG00000224407.1	RP5-956O18.3	0.0093		
ENSG00000198682.7	PAPSS2	0.0093	0.2435	
ENSG00000114853.8	ZBTB47	0.0096		
ENSG00000170634.7	AIG1	0.0103	0.0016	
ENSG00000162894.7	SERPINA1	0.0103	0.2300	0.1211
ENSG00000108771.6	DHX58	0.0103		
ENSG00000132205.5	EMILIN2	0.0103		
ENSG00000151079.6	KCNA6	0.0103	0.1672	0.0372
ENSG00000198003.5	CCDC151	0.0103		
ENSG00000136040.4	RP1-148H17.1	0.0104		
ENSG00000227677.1	ENSG00000227677.1	0.0104		
ENSG00000179431.5	FJX1	0.0104		
ENSG00000087460.15	ACYP2	0.0115		
ENSG00000196352.8	CD55	0.0115		
ENSG00000164683.11	HEY1	0.0115		
ENSG00000197249.8	CYB561A3	0.0119		
ENSG00000165233.13	CARD19	0.0119		
ENSG00000143641.7	GALNT2	0.0119		
ENSG00000136997.9	MYC	0.0119		
ENSG00000160285.9	LSS	0.0121		
ENSG00000162144.4	SLC6A4	0.0128		
ENSG00000197077.7	TRIM32	0.0138		
ENSG00000246082.2	NUDT16P1	0.0138		
ENSG00000149591.11	TAGLN	0.0144	0.1187	
ENSG00000164086.8	DUSP7	0.0144		
ENSG00000139112.6	PLXNC1	0.0144		
ENSG00000108576.4	KIAA1671	0.0144		
ENSG00000104388.9	RAB2A	0.0144		
ENSG00000010803.12	SCMH1	0.0146		
ENSG00000182022.12	CHST15	0.0152		
ENSG00000138002.10	IFT172	0.0152		
ENSG00000120896.9	SORBS3	0.0155		
ENSG00000076706.7	MCAM	0.0155		
ENSG00000178403.3	NEUROG2	0.0156		
ENSG00000137177.13	KIF13A	0.0158		
ENSG00000119401.9	ADO	0.0170		
ENSG00000197355.6	UAP1L1	0.0170		
ENSG00000096433.5	ITPR3	0.0170		

ENSG00000205683.5	GABARAPL1	0.0177		
ENSG00000187824.3	TMEM220	0.0177		
ENSG00000237513.1	RP11-325F22.2	0.0177		
ENSG00000176014.6	TUBB6	0.0186		
ENSG00000082146.6	ITGB5	0.0194		
ENSG00000181915.3	TK2	0.0202		
ENSG00000257607.1	RP11-449P15.1	0.0202		
ENSG00000171813.10	PWWP2B	0.0202		
ENSG00000143537.8	ADAM15	0.0202		
ENSG00000114993.11	RTKN	0.0202		
ENSG00000170190.10	SLC16A5	0.0202		
ENSG00000165912.10	PACSIN3	0.0202		
ENSG00000163132.6	MSX1	0.0202		
ENSG00000177096.4	FAM109B	0.0203		
ENSG00000197701.7	ENSG00000197701.7	0.0206		
ENSG00000158747.9	NBL1	0.0206		
ENSG00000106624.4	AEBP1	0.0209		
ENSG00000144283.15	PKP4	0.0209		
ENSG00000224565.1	PRKACA	0.0213		
ENSG00000100311.12	PDGFB	0.0215		
ENSG00000166311.5	STRADB	0.0231		
ENSG00000131037.8	EPS8L1	0.0236		
ENSG00000184014.3	GPS2	0.0244		
ENSG00000172716.11	SLFN11	0.0246		
ENSG00000142733.8	MAP3K6	0.0246		
ENSG00000115107.14	STEAP3	0.0246		
ENSG00000072062.7	FHL2	0.0257	0.1016	
ENSG00000235105.1	UBE2Q1	0.0257	0.0609	
ENSG00000160584.11	RAB11FIP1	0.0257		
ENSG00000132522.10	BCAR3	0.0257		
ENSG00000129195.9	FAM64A	0.0257		
ENSG00000128917.5	DLL4	0.0257		
ENSG00000118257.11	NRP2	0.0257	0.0609	
ENSG00000188157.8	AGRN	0.0257		
ENSG00000020577.9	SAMD4A	0.0257		
ENSG00000139832.3	RAB20	0.0257		
ENSG00000205277.5	MUC12	0.0257		
ENSG00000177425.6	PAWR	0.0257		
ENSG00000105186.7	ANKRD27	0.0257		
ENSG00000157782.5	CABP1	0.0260		
ENSG00000213205.3	RCAN1	0.0261		
ENSG00000168916.10	TP73	0.0269		
ENSG00000167771.5	RCOR2	0.0271		

ENSG00000160447.6	PKN3	0.0271		
ENSG00000187678.7	SPRY4	0.0274		
ENSG00000250073.2	RP11-677M14.3	0.0274		
ENSG00000116132.7	PRRX1	0.0274		
ENSG00000092621.6	PHGDH	0.0274		
ENSG00000139926.11	RP11-329A14.1	0.0283		
ENSG00000240024.1	SMPD1	0.0285		
ENSG00000153395.5	LPCAT1	0.0285		
ENSG00000198598.2	MMP17	0.0285		
ENSG00000213362.3	FTH1P12	0.0285		
ENSG00000138463.8	PRSS16	0.0286		
ENSG00000166548.10	ZNF658B	0.0286		
ENSG00000142102.11	PGGHG	0.0286		
ENSG00000074660.11	SCARF1	0.0286		
ENSG00000149564.7	ESAM	0.0286		
ENSG00000004399.8	PLXND1	0.0288		
ENSG00000101670.5	LIPG	0.0295		
ENSG00000100968.9	NFATC4	0.0295		
ENSG00000115641.13	ENSG00000198566.7	0.0302		
ENSG00000140854.8	KATNB1	0.0302		
ENSG00000141401.6	IMPA2	0.0302		
ENSG00000124006.8	OBSL1	0.0315		
ENSG00000100344.6	PNPLA3	0.0328		
ENSG00000079263.11	FCRL3	0.0330		
ENSG00000136098.10	NEK3	0.0330		
ENSG00000253276.1	DENND5A	0.0333		
ENSG00000078900.9	RPS4XP16	0.0333	0.0856	
ENSG00000198873.8	GRK5	0.0333	0.0923	
ENSG00000176659.5	C20orf197	0.0333		
ENSG00000224892.1	ITGAX	0.0337		
ENSG00000170412.11	GPRC5C	0.0342		
ENSG00000009790.9	APLF	0.0343		
ENSG00000159200.12	IL24	0.0343		
ENSG00000261658.1	ENSG00000261658.1	0.0343		
ENSG00000056661.8	ENSG00000056661.8	0.0343		
ENSG00000136010.9	ALDH1L2	0.0344		
ENSG00000197905.4	TEAD4	0.0352		
ENSG00000169418.7	NPR1	0.0358		
ENSG00000105655.10	ISYNA1	0.0374		
ENSG00000230055.1	ENSG00000230055.1	0.0377		
ENSG00000253228.1	SIK3	0.0387		
ENSG00000162692.5	LINC00888	0.0387		
ENSG00000160714.5	TRAF3IP3	0.0387		

ENSG00000140678.12	CMTM1	0.0387		
ENSG00000130477.9	UNC13A	0.0387		
ENSG00000148180.9	GSN	0.0387		
ENSG00000131584.13	ACAP3	0.0387	0.0746	
ENSG00000105514.2	RAB3D	0.0387		
ENSG00000128408.7	RIBC2	0.0387		
ENSG00000008256.11	CYTH3	0.0387	0.0609	
ENSG00000147454.8	SLC25A37	0.0387		
ENSG00000018408.10	SP140	0.0393		
ENSG00000143420.12	STRADBP1	0.0393		
ENSG00000163947.7	CAMP	0.0393		
ENSG00000158106.8	RHPN1	0.0393		
ENSG00000169621.5	TTC38	0.0395		
ENSG00000132434.5	NRBF2P4	0.0396		
ENSG00000178814.11	OPLAH	0.0396		
ENSG00000254102.1	RP11-21C4.1	0.0399		
ENSG00000162892.11	VCAM1	0.0409		
ENSG00000064651.9	SLC12A2	0.0409		
ENSG00000068383.12	INPP5A	0.0409		
ENSG00000162714.7	ZNF496	0.0422		
ENSG00000213523.4	DIRC2	0.0427		
ENSG00000087903.7	RFX2	0.0427		
ENSG00000198093.5	ZNF649	0.0427	0.1014	0.2059
ENSG00000154760.9	SLFN13	0.0427		
ENSG00000112812.10	WWTR1	0.0436		
ENSG00000105613.3	MAST1	0.0436		
ENSG00000043462.7	LCP2	0.0436		
ENSG00000249509.1	RP11-402J6.1	0.0436		
ENSG00000156675.10	CCDC71L	0.0438		
ENSG00000137936.11	ENSA	0.0439		
ENSG00000165646.7	SLC18A2	0.0439		
ENSG00000196155.7	PLEKHG4	0.0439		
ENSG00000067182.3	TNFRSF1A	0.0440		
ENSG00000112144.11	ICK	0.0440		
ENSG00000160961.6	ZNF333	0.0440		
ENSG00000260528.1	FAM157C	0.0440		
ENSG00000196267.6	ZNF836	0.0440		
ENSG00000004660.10	CAMKK1	0.0444		
ENSG00000115756.8	HPCAL1	0.0447		
ENSG00000089505.12	LANCL2	0.0449		
ENSG00000102471.9	SRA1	0.0449		
ENSG00000140368.8	PSTPIP1	0.0449		
ENSG00000236233.2	ENSG00000236233.2	0.0449		

ENSG00000164849.6	GPR146	0.0449		
ENSG00000187961.7	KLHL17	0.0449		
ENSG00000179818.6	PCBP1-AS1	0.0449		
ENSG00000237198.2	ENSG00000237198.2	0.0452		
ENSG00000198416.7	ZNF608	0.0452		
ENSG00000160856.14	FRMD6	0.0452		
ENSG00000127418.9	FGFRL1	0.0454		
ENSG00000109062.4	SLC9A3R1	0.0456		
ENSG00000198566.7	ARHGEF3	0.0459		
ENSG00000164047.3	IRF6	0.0462		
ENSG00000162572.14	SCNN1D	0.0466		
ENSG00000134504.7	NDFIP2	0.0470		
ENSG00000117595.6	BORCS5	0.0473		
ENSG00000110328.5	GALNT18	0.0473		
ENSG00000138080.8	EMILIN1	0.0483		
ENSG00000086288.7	ENSG00000196409.6	0.0487		
ENSG00000165714.6	KCTD1	0.0488		
ENSG00000259820.1	AC083843.1	0.0489		
ENSG00000198429.5	ZNF69	0.0494		
ENSG00000196409.6	NME8	0.0497		
ENSG00000158270.9	COLEC12	0.0497		
ENSG00000089091.10	DZANK1	0.0497		
ENSG00000237493.2	RP11-603J24.7	0.0499		
ENSG00000100979.10	PLTP	0.0499		
ENSG00000206082.4	ENSG00000206082.4	0.0499	0.0746	