

**Supplementary Table 1.** List of primers used for real-time PCR and shRNA.

Genes	Sequences (5' to 3')	Product size (bp)
RPS18	5'-GCAGAATCCACGCCAGTACAAG-3' 5'-GCTTGTGTCCAGACCATTGGC-3'	107
TNF- $\alpha$	5'-CAGAGGGCCTGTACCTCATC-3' 5'-GGAAGACCCCTCCAGATAG-3'	114
CXCL9	5'-AAAGGGTCGCTGTTCTGCA-3' 5'-TCAATTTCTCGCAGGAAGGGCT-3'	105
IL-10	5'-GATCCAGTTTTACCTGGAGGAG-3' 5'-CCTGAGGGTCTCAGGTTCTC-3'	103
CD206	5'-CGAGGAAGAGGTTTCGGTTCACC-3' 5'-GCAATCCCCGTTCTCATGGC-3'	84
TREM2	5'-CTGGTGGAGGTGCTGGCAGA-3' 5'-AAGCTCTCAGACTCCCCGGG-3'	77

  

Genes	Sequences
shScramble	CCTAAGGTTAAGTCGCCCTCG
shTrem2	GAGCCTCTTGAAGGAGAAAT

**Supplementary Table 2.** Differentially expressed protein between CAR-HER2 shScramble and CAR-HER2 shTREM2

Class	Feature	Overexpression	Score
CAR+	Scr	YWHAZ	313252.734 6
CAR+	Scr	IL1B	296980.504 8
CAR+	Scr	AHSG	271470.661 8
CAR+	Scr	PLAU	129931.729 1
CAR+	Scr	NQO1	118934.987 1
CAR+	Scr	MYH9	107188.666 7
CAR+	Scr	C5AR1	99203.835

CAR+	Scr	HBB;HBD	97122.6258
CAR+	Scr	ARF1;ARF3	89852.5813
CAR+	Scr	CCL20	86475.4678
CAR+	Scr	SRC	72743.6542
CAR+	Scr	PLIN2	67070.6318
CAR+	Scr	CD44	59616.5243
CAR+	Scr	CHI3L1	59164.1346
CAR+	Scr	YWHAG	55956.2469
CAR+	Scr	ALCAM	55914.5054
CAR+	Scr	LGALS3	49456.3774
CAR+	Scr	KCTD12	42974.572
CAR+	Scr	SLAMF8	41958.8306
CAR+	Scr	EIF5A	40794.5295
CAR+	Scr	TMED5	40356.9454
CAR+	Scr	SSR4	39258.0734
CAR+	Scr	METTL9	38071.0514
CAR+	Scr	TIMP1	37879.3847
CAR+	Scr	MMP9	35985.6954
CAR+	Scr	FN1	35359.4319
CAR+	Scr	GNAI3	34552.6755
CAR+	Scr	KYNU	33740.594
CAR+	Scr	ASPH	33260.2539
CAR+	Scr	S100P	32208.2842
CAR+	Scr	TGM2	31439.4969
CAR+	Scr	RPS12	28674.9039
CAR+	Scr	FCAR	28168.0987
CAR+	Scr	H1-0	27311.0543
CAR+	Scr	NPC2	26134.1811
CAR+	Scr	SELENOT	25533.879
CAR+	Scr	HK2	25304.9321
CAR+	Scr	SLC2A1	25269.1207

CAR+	Scr	CTSL	24958.6392
CAR+	Scr	GCLC	24001.0133
CAR+	Scr	TYROBP	21977.6848
CAR+	Scr	PPIF	21972.8312
CAR+	Scr	PGGT1B	21767.7405
CAR+	Scr	SLC4A7	21256.6188
CAR+	Scr	NPTN	21201.1536
CAR+	Scr	PLEK	20533.6034
CAR+	Scr	STK10	20256.4155
CAR+	Scr	TRPV2	20114.7231
CAR+	Scr	RAB31	20101.0949
CAR+	Scr	MTSS1	19282.7649
CAR+	Scr	SBDS	19000.7715
CAR+	Scr	PLD3	18591.1477
CAR+	Scr	PSAT1	18511.9466
CAR+	Scr	SQLE	18390.854
CAR+	Scr	ITGA2	18059.1289
CAR+	Scr	SPP1	17838.2412
CAR+	Scr	HK1	16999.3351
CAR+	Scr	KARS1	15659.7743
CAR+	Scr	GSTM3	15355.0166
CAR+	Scr	EIF6	14064.7999
CAR+	Scr	RAB18	13635.2084
CAR+	Scr	SEC61G	13613.2568
CAR+	Scr	APBB1IP	13543.4702
CAR+	Scr	PSMD4	13465.1626
CAR+	Scr	EFL1	13437.7439
CAR+	Scr	NRP1	13215.9281
CAR+	Scr	APOH	12949.7211
CAR+	Scr	SERPINF2	12845.1576
CAR+	Scr	ME1	12714.3922

CAR+	Scr	IDI1	12570.6882
CAR+	Scr	ACSL1	12524.8806
CAR+	Scr	SH3PXD2B	12159.8127
CAR+	Scr	BCAT1	11838.5061
CAR+	Scr	TLR2	11812.0033
CAR+	Scr	IGF2R	11444.3417
CAR+	Scr	EVL	11441.2041
CAR+	Scr	BID	11435.1433
CAR+	Scr	GK	11409.2895
CAR+	Scr	IL1RN	11189.8701
CAR+	Scr	HMOX1	11020.1467
CAR+	Scr	THBS1	10933.9847
CAR+	Scr	ACSL5	10907.3458
CAR+	Scr	AHCYL1	10882.3558
CAR+	Scr	GGA1	10616.1072
CAR+	Scr	OXR1	10608.7964
CAR+	Scr	NME3	10219.6906
CAR+	Scr	RGS10	9896.7736
CAR+	Scr	SERPIND1	9610.9535
CAR+	Scr	STXBP3	9568.9216
CAR+	Scr	PPFIBP1	9540.2028
CAR+	Scr	LACC1	9170.8578
CAR+	Scr	FNDC3A	9121.1079
CAR+	Scr	PTPN1	9046.5165
CAR+	Scr	STX4	9010.7223
CAR+	Scr	BLVRB	8969.034
CAR+	Scr	CHP1	8951.6531
CAR+	Scr	ITGB3	8940.2137
CAR+	Scr	TWF1	8901.861
CAR+	Scr	MBP	8712.0315
CAR+	Scr	MGLL	8582.1181

CAR+	Scr	NCF2	8145.6718
CAR+	Scr	ADSS2	8022.8013
CAR+	Scr	ENO2	7763.2183
CAR+	Scr	ADAM9	7730.0347
CAR+	Scr	STK38L	7619.3322
CAR+	Scr	CLEC3B	7445.4264
CAR+	Scr	RAB21	7329.4072
CAR+	Scr	PTPRJ	7187.1096
CAR+	Scr	PSMC1	6906.0681
CAR+	Scr	CKAP4	6888.8558
CAR+	Scr	NOMO1	6840.7727
CAR+	Scr	C4A	6767.5011
CAR+	Scr	THBD	6604.4161
CAR+	Scr	RABGGTB	6494.482
CAR+	Scr	NUMB	6271.3904
CAR+	Scr	MOB1A;MOB1B	6242.5706
CAR+	Scr	ENG	6219.1995
CAR+	Scr	CARS1	6157.1391
CAR+	Scr	DNAJC7	6028.3299
CAR+	Scr	RHBDF2	6019.6861
CAR+	Scr	QSOX1	6015.4081
CAR+	Scr	APOM	6009.6448
CAR+	Scr	CD36	5983.0096
CAR+	Scr	NT5C2	5908.7235
CAR+	Scr	F2	5772.0088
CAR+	Scr	MICAL2	5728.5797
CAR+	Scr	TDO2	5467.3161
CAR+	Scr	PLCB2	5390.5696
CAR+	Scr	EML4	5371.4903
CAR+	Scr	AK4	5335.1219
CAR+	Scr	DHRS7	5268.4271

CAR+	Scr	LAT	5238.1186
CAR+	Scr	EPB41L3	5168.4484
CAR+	Scr	TMEM63B	5148.661
CAR+	Scr	GSDME	4985.9755
CAR+	Scr	CCDC124	4927.585
CAR+	Scr	SIRPA	4881.6264
CAR+	Scr	GPAT3	4777.6844
CAR+	Scr	NRAS	4723.2925
CAR+	Scr	IREB2	4592.1411
CAR+	Scr	ENPP4	4488.389
CAR+	Scr	ITGAM	4451.8751
CAR+	Scr	SLC1A5	4274.9247
CAR+	Scr	CHMP7	4224.6842
CAR+	Scr	PAPSS2	4153.0728
CAR+	Scr	COA7	3761.0281
CAR+	Scr	ARPC1A	3600.9291
CAR+	Scr	RBM47	3597.4069
CAR+	Scr	RNF181	3505.6523
CAR+	Scr	SQSTM1	3496.9097
CAR+	Scr	TNIK	3471.4414
CAR+	Scr	IRF2BPL	3362.0577
CAR+	Scr	FGR	3349.612
CAR+	Scr	FAM107B	3343.374
CAR+	Scr	DKC1	3276.0865
CAR+	Scr	FBP1	3274.998
CAR+	Scr	PEX19	3264.3289
CAR+	Scr	STEAP1	3245.8263
CAR+	Scr	SLC15A3	3215.9958
CAR+	Scr	BET1	3214.66
CAR+	Scr	SORT1	3188.7247
CAR+	Scr	STX7	3183.1831

CAR+	Scr	TBXAS1	3170.8389
CAR+	Scr	ITGA4	3125.6527
CAR+	Scr	ATP13A3	3063.3402
CAR+	Scr	SLC2A13	3010.8533
CAR+	Scr	NAPG	2991.3434
CAR+	Scr	NAA10	2975.4846
CAR+	Scr	DOK3	2957.3799
CAR+	Scr	ARSB	2853.4565
CAR+	Scr	MPP1	2849.2997
CAR+	Scr	FCHO2	2665.5335
CAR+	Scr	BCL2L1	2645.8772
CAR+	Scr	PHPT1	2595.5859
CAR+	Scr	UNC93B1	2550.0133
CAR+	Scr	TMEM87B	2528.4383
CAR+	Scr	FAM20C	2518.0665
CAR+	Scr	PANX1	2491.6495
CAR+	Scr	CD40	2398.3775
CAR+	Scr	PREX1	2327.9167
CAR+	Scr	RNF214	2202.1596
CAR+	Scr	GOPC	2193.0534
CAR+	Scr	PLEKHF1	1993.5716
CAR+	Scr	IRF5	1987.0873
CAR+	Scr	ANTXR2	1961.2499
CAR+	Scr	ATL2	1824.9975
CAR+	Scr	SEL1L	1716.2638
CAR+	Scr	COMMD5	1700.9479
CAR+	Scr	GTSF1	1666.3642
CAR+	Scr	USP47	1658.1548
CAR+	Scr	ZNF330	1629.6166
CAR+	Scr	YIPF1	1458.7805
CAR+	Scr	TBC1D23	1426.2882

CAR+	Scr	ALG2	1362.0788
CAR+	Scr	UBQLN2	1272.2348
CAR+	Scr	RAB2B	1131.2873
CAR+	Scr	FAM114A2	1047.8965
CAR+	Scr	PPP1R11	1032.6976
CAR+	Scr	TMEM41B	838.5128
CAR+	Scr	ASB1	795.6009
CAR+	Scr	AP5B1	704.7595
CAR+	Scr	SH3BP5L	540.3545
CAR+	Scr	S100B	452.7495
CAR+	Scr	RRM2B	452.4395
CAR+	T2	PRDX6	264397.2868
CAR+	T2	MCM7	198613.7579
CAR+	T2	STMN1	101162.7717
CAR+	T2	ARHGDIB	76577.7809
CAR+	T2	MCM2	66404.2849
CAR+	T2	HLA-C	55194.381
CAR+	T2	RBBP7	53055.0154
CAR+	T2	ARHGAP1	35940.4196
CAR+	T2	PCNA	29489.6457
CAR+	T2	CPNE2	29137.6698
CAR+	T2	MCM4	27965.6845
CAR+	T2	SCIN	27599.844
CAR+	T2	FEN1	25721.8539
CAR+	T2	SMARCC2	23728.282
CAR+	T2	MCM3	23125.4446
CAR+	T2	BUB3	22646.6891
CAR+	T2	MCM6	20784.6383
CAR+	T2	HAT1	19549.0056
CAR+	T2	CNN2	17247.7994

CAR+	T2	UQCRFS1	17088.4016
CAR+	T2	SERPINH1	16125.596
CAR+	T2	RO60	16057.5052
CAR+	T2	HLA-H	15561.5762
CAR+	T2	TMPO	14966.9263
CAR+	T2	TK1	14757.5341
CAR+	T2	KPNA2	14688.0068
CAR+	T2	TRIP13	14468.4056
CAR+	T2	NDUFB10	14066.7334
CAR+	T2	SMC2	13767.0638
CAR+	T2	NDUFA13	13682.8655
CAR+	T2	SERPINB10	13444.2808
CAR+	T2	HDAC1	13191.2945
CAR+	T2	API5	12875.3018
CAR+	T2	MTA2	12483.9234
CAR+	T2	CDK1	11890.1995
CAR+	T2	MCM5	11822.3028
CAR+	T2	RAD21	11736.1945
CAR+	T2	CDK2	11685.4556
CAR+	T2	SDHB	11610.5152
CAR+	T2	DCK	10834.4189
CAR+	T2	ACAA2	10456.3732
CAR+	T2	UQCRQ	9964.7394
CAR+	T2	DHFR	9943.4501
CAR+	T2	NDUFS1	9249.8883
CAR+	T2	IRAG2	9036.3921
CAR+	T2	ACP3	8978.6641
CAR+	T2	PRPS2	8862.219
CAR+	T2	RPA1	8760.7183
CAR+	T2	TTLL12	8584.6791
CAR+	T2	BACC1	8168.4094

CAR+	T2	XPO1	8093.9122
CAR+	T2	STAT1	8016.7842
CAR+	T2	HEXA	7897.5985
CAR+	T2	RANGAP1	7829.8501
CAR+	T2	NDUFB4	7808.0775
CAR+	T2	CD109	7323.5294
CAR+	T2	DTYMK	7062.9456
CAR+	T2	UBA7	6896.5296
CAR+	T2	GLMN	6530.1159
CAR+	T2	CBFB	6495.2794
CAR+	T2	TMED4	6417.335
CAR+	T2	CRTAP	6329.8364
CAR+	T2	UBA2	5690.9505
CAR+	T2	NDUFA9	5617.9642
CAR+	T2	NDUFA11	5418.1338
CAR+	T2	KIAA0930	5399.0506
CAR+	T2	BDH1	5288.6813
CAR+	T2	NDUFB8	5244.6251
CAR+	T2	NDUFA12	5180.5119
CAR+	T2	NDUFA5	5139.7013
CAR+	T2	RFC5	5048.418
CAR+	T2	MRC2	5028.7487
CAR+	T2	BST2	4998.4558
CAR+	T2	SDHA	4969.9895
CAR+	T2	FKBP5	4851.1573
CAR+	T2	SYK	4829.8939
CAR+	T2	ACY1	4744.9173
CAR+	T2	NUMA1	4719.2918
CAR+	T2	RING1	4652.6488
CAR+	T2	ADAM10	4347.4834
CAR+	T2	MSH2	4278.2314

CAR+	T2	GYG1	4245.6735
CAR+	T2	FLAD1	4096.1136
CAR+	T2	NUDT19	4060.6828
CAR+	T2	SNX4	4057.0555
CAR+	T2	RFC2	4041.791
CAR+	T2	MT-ND3	3912.2026
CAR+	T2	PGPEP1	3585.1784
CAR+	T2	CYB5R2	3420.288
CAR+	T2	DERA	3363.1761
CAR+	T2	NDUFC2	3279.4562
CAR+	T2	ERMP1	3227.7291
CAR+	T2	RFC4	3207.7331
CAR+	T2	POLDIP3	3180.1218
CAR+	T2	PRPSAP1	3117.5466
CAR+	T2	MT-ND2	3104.2795
CAR+	T2	ISG20	3096.7919
CAR+	T2	UBE2S	3052.4737
CAR+	T2	GNAI1	3020.1279
CAR+	T2	PLD4	3015.1376
CAR+	T2	APOBEC3C	2860.6807
CAR+	T2	MCCC2	2789.2749
CAR+	T2	TKFC	2758.7331
CAR+	T2	GLIPR2	2735.607
CAR+	T2	ILKAP	2730.6745
CAR+	T2	NUDT1	2587.3122
CAR+	T2	TPBG	2583.0365
CAR+	T2	DAGLB	2565.3659
CAR+	T2	FKBP9	2370.5491
CAR+	T2	GABPA	2331.5067
CAR+	T2	NELFA	2267.3569
CAR+	T2	FECH	2177.4955

CAR+	T2	RNASEH2A	2108.6913
CAR+	T2	LGALS3BP	1924.8713
CAR+	T2	PACS1	1873.635
CAR+	T2	METTL26	1834.858
CAR+	T2	PPAT	1730.805
CAR+	T2	MED1	1670.2821
CAR+	T2	MED25	1536.8946
CAR+	T2	CLYBL	1325.8427
CAR+	T2	GTF3C4	1117.4545
CAR+	T2	ARHGAP15	1112.6647
CAR+	T2	NR2C2AP	1051.9864
CAR+	T2	DPH2	952.7598
CAR+	T2	ADPRH	605.1735
CAR+	T2	DNAAF10	418.4819

**Supplementary Table 3.** Differentially expressed protein between CAR-HER2 shScramble and CAR-HER2 shTREM2 after treatment with IFN $\gamma$  or IL4/IL10.

Class	Feature	Overexpression Score
CAR+ Scr	IL1B	284181.281
CAR+ Scr	TAGLN2	124511.6516
CAR+ Scr	PLAU	96301.3792
CAR+ Scr	CCL20	89756.2802
CAR+ Scr	HBB;HBD	79514.1918
CAR+ Scr	VAT1	57601.7333
CAR+ Scr	LGALS3	43013.8355
CAR+ Scr	ALCAM	35857.5878
CAR+ Scr	METTL9	35594.4557
CAR+ Scr	MMP9	34179.0464
CAR+ Scr	FN1	33973.193
CAR+ Scr	ITGB5	32348.2874

CAR+ Scr	PLIN2	32008.253
CAR+ Scr	TIMP1	29273.9969
CAR+ Scr	CD44	28315.7182
CAR+ Scr	STIP1	27664.7038
CAR+ Scr	CD9	21447.9068
CAR+ Scr	ITGA5	21017.0782
CAR+ Scr	S100P	20960.6919
CAR+ Scr	PECAM1	20904.1157
CAR+ Scr	ALDOC	20320.8613
CAR+ Scr	ATP1B3	20114.6362
CAR+ Scr	FCAR	18192.7344
CAR+ Scr	NPTN	18060.5574
CAR+ Scr	PLD3	17076.4029
CAR+ Scr	CD14	16943.8373
CAR+ Scr	NT5E	16872.7135
CAR+ Scr	PGGT1B	16868.7948
CAR+ Scr	MTSS1	16824.093
CAR+ Scr	SLC4A7	16681.1838
CAR+ Scr	H1-0	16187.1842
CAR+ Scr	SARS1	16120.7554
CAR+ Scr	NPC2	15510.6762
CAR+ Scr	KCTD12	14358.2144
CAR+ Scr	SBDS	12719.221
CAR+ Scr	BASP1	12563.0973
CAR+ Scr	ITGA2	12122.6924
CAR+ Scr	CYRIA	11659.2407
CAR+ Scr	TYROBP	11119.6303
CAR+ Scr	PRDX5	10521.9103
CAR+ Scr	PSAT1	9944.8293
CAR+ Scr	THBS1	9828.1903
CAR+ Scr	CTSS	9241.3821

CAR+ Scr	SLC43A3	9009.9153
CAR+ Scr	PLAUR	8966.8092
CAR+ Scr	OXR1	8721.4693
CAR+ Scr	PSMB6	8410.2232
CAR+ Scr	SOD2	8350.0523
CAR+ Scr	ME1	8322.5411
CAR+ Scr	GLOD4	8236.2512
CAR+ Scr	CHI3L1	7982.8536
CAR+ Scr	NUMB	7306.6781
CAR+ Scr	FKBP1A	7116.368
CAR+ Scr	RGS10	6510.0881
CAR+ Scr	BANF1	6501.574
CAR+ Scr	NPL	6441.8445
CAR+ Scr	TLR2	6402.3967
CAR+ Scr	LACC1	6290.9362
CAR+ Scr	SLC20A1	6241.9011
CAR+ Scr	TIMP3	6217.8894
CAR+ Scr	SLAMF8	6213.2128
CAR+ Scr	MMP1	6114.6155
CAR+ Scr	NRP1	6096.7723
CAR+ Scr	RGCC	5983.2333
CAR+ Scr	TWF1	5763.9042
CAR+ Scr	ENG	5762.7292
CAR+ Scr	BSG	5598.7106
CAR+ Scr	MARCKSL1	5578.0435
CAR+ Scr	ITGB3	5464.1887
CAR+ Scr	ENO2	5364.9157
CAR+ Scr	SLC37A2	5239.9359
CAR+ Scr	CRYBB1	5222.8828
CAR+ Scr	IL1RN	5213.328
CAR+ Scr	MBP	5211.4063

CAR+ Scr	MANF	5181.9438
CAR+ Scr	YWHAQ	5111.5408
CAR+ Scr	MGLL	5106.819
CAR+ Scr	IGFBP3	4810.8694
CAR+ Scr	NDRG2	4593.4817
CAR+ Scr	THBD	4525.1139
CAR+ Scr	BZW2	4487.7785
CAR+ Scr	ADAM9	4472.9343
CAR+ Scr	CD59	4294.1364
CAR+ Scr	ERO1A	4106.9777
CAR+ Scr	RDX	3809.3673
CAR+ Scr	LAT	3713.5388
CAR+ Scr	MYLK	3687.9883
CAR+ Scr	TTC1	3641.4785
CAR+ Scr	PTPRJ	3575.8152
CAR+ Scr	EVL	3498.0408
CAR+ Scr	POSTN	3493.5649
CAR+ Scr	GSDME	3463.9911
CAR+ Scr	CALU	3453.8126
CAR+ Scr	SQSTM1	3437.2719
CAR+ Scr	SPRY2	3431.1422
CAR+ Scr	PLXNB2	3203.8541
CAR+ Scr	RAI14	3171.5886
CAR+ Scr	UBE2H	3136.1005
CAR+ Scr	RCC2	3077.6294
CAR+ Scr	SLC1A5	3058.8009
CAR+ Scr	STEAP1	3003.131
CAR+ Scr	GPC4	2970.4791
CAR+ Scr	CD151	2967.6751
CAR+ Scr	NSUN2	2946.1945
CAR+ Scr	BTN2A1	2921.6524

CAR+ Scr	QSOX1	2779.4503
CAR+ Scr	COL7A1	2757.3931
CAR+ Scr	IRF2BPL	2721.0909
CAR+ Scr	COA7	2645.8627
CAR+ Scr	GLIPR1	2594.0869
CAR+ Scr	XRCC1	2569.3247
CAR+ Scr	SPP1	2555.9416
CAR+ Scr	PLBD2	2426.5545
CAR+ Scr	SEPTIN11	2422.8012
CAR+ Scr	CKAP4	2414.3292
CAR+ Scr	SIRPA	2359.3813
CAR+ Scr	SLC17A5	2359.2542
CAR+ Scr	KIAA0930	2325.9832
CAR+ Scr	BET1	2302.9547
CAR+ Scr	EPB41L3	2288.2077
CAR+ Scr	GRIPAP1	2222.7037
CAR+ Scr	EIF4B	2185.1263
CAR+ Scr	SPHK1	2182.5373
CAR+ Scr	GTF2F2	2144.9323
CAR+ Scr	MSR1	2051.8304
CAR+ Scr	ADGRE2	2029.1502
CAR+ Scr	AKR7A2	1966.5453
CAR+ Scr	PDCD4	1905.7202
CAR+ Scr	TNIK	1884.0258
CAR+ Scr	SYAP1	1883.3032
CAR+ Scr	P2RX4	1861.1661
CAR+ Scr	MPP1	1795.726
CAR+ Scr	LYRM4	1710.8701
CAR+ Scr	TMEM120A	1680.049
CAR+ Scr	CTSC	1641.9419
CAR+ Scr	ATP2B4	1626.2836

CAR+ Scr	UNC93B1	1504.572
CAR+ Scr	NHP2	1469.3084
CAR+ Scr	OAT	1455.7319
CAR+ Scr	CD37	1453.4818
CAR+ Scr	KRTDAP	1415.4443
CAR+ Scr	BCKDHA	1388.9496
CAR+ Scr	PAG1	1263.7312
CAR+ Scr	TANK	1246.7688
CAR+ Scr	APIP	1200.5525
CAR+ Scr	CASP10	1195.9584
CAR+ Scr	STXBP1	1181.6129
CAR+ Scr	DDAH2	1180.8252
CAR+ Scr	SLC29A1	1157.9108
CAR+ Scr	C2CD2L	1125.327
CAR+ Scr	SDC2	1100.0785
CAR+ Scr	CLIP1	1087.6172
CAR+ Scr	SIL1	1060.9261
CAR+ Scr	PRRC2A	999.3225
CAR+ Scr	FCHO2	997.3974
CAR+ Scr	DAB2	977.3664
CAR+ Scr	CHMP6	973.8123
CAR+ Scr	TDP1	967.0264
CAR+ Scr	RELB	874.3521
CAR+ Scr	COL6A1	826.6646
CAR+ Scr	KANK2	793.095
CAR+ Scr	CHMP1B	784.0582
CAR+ Scr	CLN3	737.5531
CAR+ Scr	SLC1A4	728.9576
CAR+ Scr	ANTXR2	722.1593
CAR+ Scr	CTSZ	713.9912
CAR+ Scr	SLC8A1	704.4634

CAR+ Scr	MORF4L1	655.3117
CAR+ Scr	CARD6	618.8236
CAR+ Scr	ZNF330	603.2197
CAR+ Scr	UBL5	594.2986
CAR+ Scr	MT-ND2	586.9855
CAR+ Scr	KIDINS220	574.9658
CAR+ Scr	WLS	561.5221
CAR+ Scr	NDUFB3	544.0533
CAR+ Scr	MTRF1L	521.4105
CAR+ Scr	CSGALNACT2	479.878
CAR+ Scr	NUDT16L1	472.4773
CAR+ Scr	PYROXD1	444.5753
CAR+ Scr	AIF1	430.3834
CAR+ Scr	PTPN2	395.612
CAR+ Scr	SCCPDH	387.9233
CAR+ Scr	PPM1G	323.693
CAR+ Scr	ITGAX	322.884
CAR+ Scr	CNNM4	310.5554
CAR+ Scr	MT-ND6	308.4893
CAR+ Scr	CD70	308.2835
CAR+ Scr	TMPO	212.0881
CAR+ Scr	ZC3HC1	172.2873
CAR+ Scr	AKR1B1	149.5742
CAR+ Scr	ACADS	144.4587
CAR+ Scr	RNF149	115.8972
CAR+ Scr	WDR70	112.4622
CAR+ Scr	BRD4	80.0025
CAR+ Scr	MARCKS	59.0337
CAR+ Scr	YAP1	29.4762
CAR+ Scr	BTN3A3	17.0239
CAR+ T2	PRDX6	189654.1535

CAR+ T2	MCM7	174727.7433
CAR+ T2	PFN1	109964.6667
CAR+ T2	ARHGDIB	75231.9809
CAR+ T2	STMN1	67321.5651
CAR+ T2	MCM2	56563.4823
CAR+ T2	PTGS1	51464.395
CAR+ T2	RBBP7	34855.1487
CAR+ T2	HLA-C	34294.981
CAR+ T2	LMNB1	32322.9
CAR+ T2	CPNE2	30910.9698
CAR+ T2	MYLK	27576.4584
CAR+ T2	SMARCC2	26610.482
CAR+ T2	ARHGAP1	25690.5663
CAR+ T2	MCM4	24255.7354
CAR+ T2	PCNA	23039.5057
CAR+ T2	YWHAQ	22701.8962
CAR+ T2	PRDX2	21789.1424
CAR+ T2	FEN1	21694.7072
CAR+ T2	RDX	19301.5633
CAR+ T2	SCIN	18753.6973
CAR+ T2	HAT1	18733.5583
CAR+ T2	MCM3	18665.5846
CAR+ T2	TMPO	18172.3996
CAR+ T2	MCM6	17820.3283
CAR+ T2	UBE2I	17263.392
CAR+ T2	CYRIA	16943.4767
CAR+ T2	BUB3	15797.8891
CAR+ T2	HLA-B	14759.1322
CAR+ T2	CDK6	13763.1171
CAR+ T2	KPNA2	13644.0715
CAR+ T2	BSG	13502.647

CAR+ T2	RB1	12460.181
CAR+ T2	TK1	12233.7717
CAR+ T2	NDUFA13	11889.3569
CAR+ T2	TRIP13	11402.0507
CAR+ T2	UQCRFS1	11297.9883
CAR+ T2	ADK	11154.3606
CAR+ T2	PACSIN2	11015.1986
CAR+ T2	DUT	10874.209
CAR+ T2	RAD21	10749.2412
CAR+ T2	HEXB	10380.1257
CAR+ T2	UQCRQ	9912.411
CAR+ T2	CDK2	9885.9269
CAR+ T2	AKR7A2	9688.0295
CAR+ T2	CDK1	9662.5098
CAR+ T2	DHFR	9560.4754
CAR+ T2	MCM5	9146.7508
CAR+ T2	CD9	9101.9062
CAR+ T2	ACO2	9012.316
CAR+ T2	OXCT1	9003.742
CAR+ T2	KIAA0930	8804.844
CAR+ T2	SCCPDH	8498.5076
CAR+ T2	RPA1	8441.0323
CAR+ T2	DCK	8308.0575
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CAR+ T2	PPM1G	7879.9352
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CAR+ T2	NES	7499.0618
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CAR+ T2	NDUFS1	7363.1623
CAR+ T2	GMPS	7115.0211

CAR+ T2	PRPS2	7079.701
CAR+ T2	NDUFS3	7071.6258
CAR+ T2	GGH	6505.8443
CAR+ T2	CD109	6269.3687
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CAR+ T2	SLC43A3	5357.2077
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CAR+ T2	RRM2	5259.0302
CAR+ T2	RPA3	5199.7303
CAR+ T2	CNPY3	5156.816
CAR+ T2	RRM1	4930.8663
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CAR+ T2	NDUFA12	4718.7672
CAR+ T2	NDUFB8	4688.8385
CAR+ T2	NDUFA11	4682.5844
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CAR+ T2	NDUFA9	4438.3891
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CAR+ T2	MT-ND2	4312.1209
CAR+ T2	NDUFA5	4304.2286
CAR+ T2	SET	4238.929
CAR+ T2	IVD	4226.3534
CAR+ T2	RFC5	4225.7657

CAR+ T2	RPA2	4117.5694
CAR+ T2	UCHL5	4116.4339
CAR+ T2	GLOD4	3980.264
CAR+ T2	MORF4L1	3910.4135
CAR+ T2	NDUFV1	3890.4974
CAR+ T2	MSH2	3811.6621
CAR+ T2	HDAC2	3789.0655
CAR+ T2	PDCD4	3785.3509
CAR+ T2	NUDT4	3690.7275
CAR+ T2	SNX4	3675.0121
CAR+ T2	CD151	3653.4966
CAR+ T2	RFC4	3563.2927
CAR+ T2	DCPS	3531.1582
CAR+ T2	NRGN	3480.3188
CAR+ T2	XRCC1	3471.5967
CAR+ T2	UBE2S	3465.8808
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CAR+ T2	SHMT1	3327.9483
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CAR+ T2	DDAH2	3239.674
CAR+ T2	TXNDC5	3230.3657
CAR+ T2	ACY1	3158.6573
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CAR+ T2	NXN	3072.3765
CAR+ T2	MT-ND3	2969.6152
CAR+ T2	LYRM4	2952.4756
CAR+ T2	GLIPR1	2830.4935
CAR+ T2	NELFCD	2812.8034
CAR+ T2	ACAD11	2802.9256
CAR+ T2	PCTP	2730.6258

CAR+ T2	NDUFB3	2577.8774
CAR+ T2	SERPINI1	2575.7295
CAR+ T2	SDHA	2509.2428
CAR+ T2	HIBCH	2505.549
CAR+ T2	NUDT19	2443.4695
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CAR+ T2	RNASEH2A	2248.9113
CAR+ T2	UBR7	2181.3611
CAR+ T2	IGFBP3	2162.2248
CAR+ T2	TKFC	2158.2111
CAR+ T2	HMGN2	2145.7001
CAR+ T2	SIAE	2144.3811
CAR+ T2	CD70	2113.7183
CAR+ T2	NELFA	2094.3682
CAR+ T2	GABPA	2050.2773
CAR+ T2	CYB5R2	2041.0
CAR+ T2	FOXK1	2008.271
CAR+ T2	CFAP20	1999.278
CAR+ T2	OSBPL3	1983.374
CAR+ T2	VRK1	1926.8541
CAR+ T2	PLXNB2	1923.7853
CAR+ T2	APOBEC3C	1908.0514
CAR+ T2	DAGLB	1906.4265
CAR+ T2	SCLY	1904.232
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CAR+ T2	PRKACB	1875.571
CAR+ T2	ACADS	1863.7744
CAR+ T2	DBN1	1805.9514
CAR+ T2	NDUFS7	1785.6598
CAR+ T2	GNAI1	1765.864

CAR+ T2	SIL1	1733.4293
CAR+ T2	SLC29A1	1727.3758
CAR+ T2	CHMP1B	1698.549
CAR+ T2	SDSL	1671.9337
CAR+ T2	NDUFV3	1655.0502
CAR+ T2	MCCC2	1613.3549
CAR+ T2	FAHD2A	1568.1234
CAR+ T2	GAMT	1513.822
CAR+ T2	ARFIP1	1508.7948
CAR+ T2	FKBP9	1478.4885
CAR+ T2	SLC1A4	1442.6241
CAR+ T2	BRD4	1438.0328
CAR+ T2	MT-ND6	1406.6278
CAR+ T2	POLD2	1371.9875
CAR+ T2	RCC2	1364.4852
CAR+ T2	MED25	1232.0826
CAR+ T2	ZC3HC1	1213.3188
CAR+ T2	RSF1	1087.1079
CAR+ T2	PPAT	1084.0237
CAR+ T2	SDC2	1015.1277
CAR+ T2	NDUFA8	1008.9936
CAR+ T2	BCKDHA	991.6156
CAR+ T2	ITGAX	978.3399
CAR+ T2	PLBD2	961.3553
CAR+ T2	KNTC1	952.9897
CAR+ T2	NF2	950.1407
CAR+ T2	NCALD	884.4656
CAR+ T2	PACS1	852.7703
CAR+ T2	ALDH1B1	841.2376
CAR+ T2	ELAC2	836.8249
CAR+ T2	SLC8A1	817.3564

CAR+ T2	MADD	805.1022
CAR+ T2	NR2C2AP	704.78
CAR+ T2	TDP1	703.8343
CAR+ T2	SEPTIN11	681.634
CAR+ T2	CD37	668.183
CAR+ T2	ELF1	632.4204
CAR+ T2	WDR70	621.541
CAR+ T2	CEP97	527.134
CAR+ T2	BIN1	513.1192
CAR+ T2	STXBP1	495.3963
CAR+ T2	DNASE1L1	445.6265
CAR+ T2	MELTF	411.0289
CAR+ T2	APMAP	280.309
CAR+ T2	PYCR2	278.5684
CAR+ T2	MFAP1	222.5597
CAR+ T2	BTN2A1	192.6301
CAR+ T2	HLA-F	89.2202
CAR+ T2	WLS	60.8617
CAR+ T2	UBXN4	25.1062
CAR+ T2	FAT1	17.7727
CAR+ T2	SCARB1	13.4271
IFN CAR+ Scr	WARS1	920097.0172
IFN CAR+ Scr	TAGLN2	128716.0516
IFN CAR+ Scr	IL1B	102740.081
IFN CAR+ Scr	STAT1	98150.3365
IFN CAR+ Scr	TYMP	89417.9
IFN CAR+ Scr	IFIT3	79543.7479
IFN CAR+ Scr	SLAMF8	77102.1328
IFN CAR+ Scr	PLEK	76483.0407
IFN CAR+ Scr	CTSL	76365.9678
IFN CAR+ Scr	LAP3	71457.8467

IFN CAR+ Scr	GBP1	66281.6726
IFN CAR+ Scr	KCTD12	65940.8944
IFN CAR+ Scr	STIP1	50207.5038
IFN CAR+ Scr	PSME1	49833.146
IFN CAR+ Scr	CHI3L1	48998.4536
IFN CAR+ Scr	GBP2	47094.7759
IFN CAR+ Scr	S100A9	45102.7403
IFN CAR+ Scr	CD14	43743.6373
IFN CAR+ Scr	A2M	38826.9333
IFN CAR+ Scr	PLIN2	34014.533
IFN CAR+ Scr	CTSS	33583.2221
IFN CAR+ Scr	HLA-B	32243.6616
IFN CAR+ Scr	PLAUR	29969.6092
IFN CAR+ Scr	HBB;HBD	28134.5918
IFN CAR+ Scr	GLUL	26801.7076
IFN CAR+ Scr	HLA-E	25881.2925
IFN CAR+ Scr	IFI35	25834.2584
IFN CAR+ Scr	ALCAM	23736.1078
IFN CAR+ Scr	ALDOC	23061.5413
IFN CAR+ Scr	SPP1	22974.1016
IFN CAR+ Scr	RNF181	22896.1758
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IFN CAR+ Scr	CRYBB1	19172.5628
IFN CAR+ Scr	IFITM3	18762.9112
IFN CAR+ Scr	CTSZ	18567.9512
IFN CAR+ Scr	PLSCR1	17494.5423
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IFN CAR+ Scr	OAS1	15253.9935
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IFN CAR+ Scr	SOD2	14740.1323
IFN CAR+ Scr	XIRP1	14220.5995
IFN CAR+ Scr	ITGB5	12801.0874
IFN CAR+ Scr	NMI	12543.2651
IFN CAR+ Scr	TLR2	11943.8767
IFN CAR+ Scr	CASP1	11292.162
IFN CAR+ Scr	S100A8	11265.6494
IFN CAR+ Scr	S100P	11121.5719
IFN CAR+ Scr	BAK1	10996.6441
IFN CAR+ Scr	PSAT1	10042.2693
IFN CAR+ Scr	ITGA2	10012.8924
IFN CAR+ Scr	ITGB7	9737.1315
IFN CAR+ Scr	RGCC	9636.8733
IFN CAR+ Scr	UBE2L6	9570.0439
IFN CAR+ Scr	GALM	9339.0301
IFN CAR+ Scr	ADGRE5	9197.7307
IFN CAR+ Scr	MSR1	9028.7464
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IFN CAR+ Scr	CD36	8626.9446
IFN CAR+ Scr	LGALS3	7859.8355
IFN CAR+ Scr	EVL	7817.2408
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IFN CAR+ Scr	FAM107B	7627.6615
IFN CAR+ Scr	CASP7	7163.13
IFN CAR+ Scr	PTPRJ	7008.6552
IFN CAR+ Scr	LACC1	6896.9362
IFN CAR+ Scr	SLC2A3	6781.9255
IFN CAR+ Scr	RCN1	6549.797
IFN CAR+ Scr	NPC2	6306.2762

IFN CAR+ Scr	PARP14	6291.3004
IFN CAR+ Scr	PRDX5	6216.0303
IFN CAR+ Scr	VAT1	6211.7333
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IFN CAR+ Scr	IFIH1	5839.1364
IFN CAR+ Scr	ACBD5	5591.0424
IFN CAR+ Scr	MCL1	5370.837
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IFN CAR+ Scr	RGS10	5336.4081
IFN CAR+ Scr	TIMP1	5236.7969
IFN CAR+ Scr	P2RX4	5220.2061
IFN CAR+ Scr	RNF149	5199.4812
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IFN CAR+ Scr	WIPF1	5103.1851
IFN CAR+ Scr	LGALS3BP	5035.1128
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IFN CAR+ Scr	ITGAL	4632.4379
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IFN CAR+ Scr	BST2	4604.1288
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IFN CAR+ Scr	CCR1	3972.2547
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IFN CAR+ Scr	H1-0	3606.1442
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IFN CAR+ Scr	ISG20	3456.8516
IFN CAR+ Scr	MANF	3435.3438
IFN CAR+ Scr	CLIP1	3373.7772
IFN CAR+ Scr	CD300A	3313.9764
IFN CAR+ Scr	TRAFD1	3263.7043
IFN CAR+ Scr	QSOX1	3200.7303
IFN CAR+ Scr	SYAP1	3012.3032
IFN CAR+ Scr	CARD6	2854.1559
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IFN CAR+ Scr	NSUN2	2797.9145
IFN CAR+ Scr	IRF2BPL	2750.6989
IFN CAR+ Scr	PECAM1	2729.1557
IFN CAR+ Scr	EPB41L3	2699.6277
IFN CAR+ Scr	CD59	2679.0964
IFN CAR+ Scr	PTPN2	2673.2433
IFN CAR+ Scr	CASP10	2592.708
IFN CAR+ Scr	FBXO6	2585.8192
IFN CAR+ Scr	HMOX1	2570.5293
IFN CAR+ Scr	TANK	2536.1568
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IFN CAR+ Scr	MPP1	1412.8655
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IFN CAR+ Scr	SPECC1	696.5449
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IFN CAR+ Scr	ATP2B4	541.4537
IFN CAR+ Scr	CALCOCO2	532.1373
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IFN CAR+ T2	LMNB1	48916.38
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IFN CAR+ T2	YWHAQ	45047.5408
IFN CAR+ T2	ARHGDIB	44720.6438
IFN CAR+ T2	A2M	41307.6933
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IFN CAR+ T2	PLEK	33642.2807
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IFN CAR+ T2	ITGB7	25006.3715
IFN CAR+ T2	PTGS1	23963.529
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IFN CAR+ T2	APOL2	19856.6665
IFN CAR+ T2	CASP1	19822.002
IFN CAR+ T2	HLA-H	19396.9381

IFN CAR+ T2	CNN2	17703.7601
IFN CAR+ T2	SMARCC2	15505.7036
IFN CAR+ T2	RAD21	15031.4078
IFN CAR+ T2	SCIN	14993.4445
IFN CAR+ T2	CASP3	14244.289
IFN CAR+ T2	CPNE2	14209.366
IFN CAR+ T2	UBE2L6	14100.6439
IFN CAR+ T2	ADK	13612.9599
IFN CAR+ T2	UBE2I	13601.0736
IFN CAR+ T2	OXCT1	13476.302
IFN CAR+ T2	CYRIA	12508.2807
IFN CAR+ T2	CDK6	12409.4566
IFN CAR+ T2	PRDX2	11711.5315
IFN CAR+ T2	SCPEP1	11609.392
IFN CAR+ T2	UQCRFS1	10998.1863
IFN CAR+ T2	OAS1	10925.9135
IFN CAR+ T2	IFI35	10525.9784
IFN CAR+ T2	CTSZ	10446.3112
IFN CAR+ T2	BST2	10278.9288
IFN CAR+ T2	PRPS2	10246.5182
IFN CAR+ T2	PARP14	10049.8484
IFN CAR+ T2	AKR7A2	9906.6653
IFN CAR+ T2	NMI	9834.5051
IFN CAR+ T2	RDX	9790.9673
IFN CAR+ T2	NUB1	9514.8012
IFN CAR+ T2	AKR1B1	9195.1742
IFN CAR+ T2	KIAA0930	9097.0632
IFN CAR+ T2	UBA7	9052.3227
IFN CAR+ T2	SDSL	9032.1413
IFN CAR+ T2	PCNA	9015.1309
IFN CAR+ T2	TMPO	9006.2881

IFN CAR+ T2	APOBEC3G	9005.6919
IFN CAR+ T2	FEN1	8950.0426
IFN CAR+ T2	SDHB	8840.6436
IFN CAR+ T2	ITGAL	8774.8379
IFN CAR+ T2	BUB3	8767.3422
IFN CAR+ T2	ACAA2	8637.892
IFN CAR+ T2	LGALS3BP	8201.3968
IFN CAR+ T2	HAT1	8108.1915
IFN CAR+ T2	DBN1	8000.6177
IFN CAR+ T2	ADGRE5	7835.0107
IFN CAR+ T2	GGCT	7825.4279
IFN CAR+ T2	MCM5	7799.8274
IFN CAR+ T2	NDUFS1	7101.9363
IFN CAR+ T2	PGGT1B	7044.0348
IFN CAR+ T2	HLA-F	6696.9059
IFN CAR+ T2	NDUFV1	6594.2205
IFN CAR+ T2	CASP7	6502.37
IFN CAR+ T2	PACSIN2	6500.6563
IFN CAR+ T2	MCM3	6007.8511
IFN CAR+ T2	GALM	5882.9101
IFN CAR+ T2	NDUFS7	5872.9224
IFN CAR+ T2	RBBP4	5616.8757
IFN CAR+ T2	SLAMF8	5614.6928
IFN CAR+ T2	ISG20	5311.8196
IFN CAR+ T2	TMED4	5200.6863
IFN CAR+ T2	GMPS	5094.3966
IFN CAR+ T2	NHP2	5082.5964
IFN CAR+ T2	RB1	4962.2206
IFN CAR+ T2	CYLD	4959.1474
IFN CAR+ T2	NDUFA13	4863.7982
IFN CAR+ T2	TRIP13	4769.052

IFN CAR+ T2	FOXK1	4745.8944
IFN CAR+ T2	SAMD9L	4742.1249
IFN CAR+ T2	DCK	4683.5669
IFN CAR+ T2	SCCPDH	4649.6033
IFN CAR+ T2	IVD	4639.6725
IFN CAR+ T2	CD40	4578.1888
IFN CAR+ T2	IFIH1	4569.6844
IFN CAR+ T2	PPP1R12A	4518.6201
IFN CAR+ T2	IRAG2	4461.2349
IFN CAR+ T2	MCM4	4224.514
IFN CAR+ T2	MCM6	4202.8824
IFN CAR+ T2	NDUFA9	4117.98
IFN CAR+ T2	P2RX4	3965.4861
IFN CAR+ T2	GLOD4	3932.6112
IFN CAR+ T2	HEXB	3880.4709
IFN CAR+ T2	CMTM3	3866.3668
IFN CAR+ T2	STOM	3843.7878
IFN CAR+ T2	NDUFA11	3795.1439
IFN CAR+ T2	GGH	3765.0311
IFN CAR+ T2	NES	3722.3316
IFN CAR+ T2	SDHA	3560.1354
IFN CAR+ T2	TRAFD1	3521.1483
IFN CAR+ T2	DCPS	3352.6404
IFN CAR+ T2	NDUFA8	3325.4077
IFN CAR+ T2	MLKL	3316.5038
IFN CAR+ T2	BACC1	3313.2514
IFN CAR+ T2	APOBEC3C	3249.9425
IFN CAR+ T2	SHMT1	3221.9735
IFN CAR+ T2	CKAP5	3190.2025
IFN CAR+ T2	ACADS	3163.1387
IFN CAR+ T2	MCCC2	3116.585

IFN CAR+ T2	PACS1	3102.6923
IFN CAR+ T2	MCL1	3033.717
IFN CAR+ T2	CD70	3027.8915
IFN CAR+ T2	ARFIP1	2972.9946
IFN CAR+ T2	DDAH2	2950.5452
IFN CAR+ T2	SEPTIN11	2928.8412
IFN CAR+ T2	LSP1	2914.0975
IFN CAR+ T2	CCR1	2883.8987
IFN CAR+ T2	PLSCR1	2869.6623
IFN CAR+ T2	FBXO6	2797.5752
IFN CAR+ T2	NCK2	2770.0457
IFN CAR+ T2	RPA1	2710.9703
IFN CAR+ T2	CBFB	2703.1441
IFN CAR+ T2	NUDT19	2685.3301
IFN CAR+ T2	ACY1	2630.9565
IFN CAR+ T2	GAMT	2625.4388
IFN CAR+ T2	CALCOCO2	2516.8493
IFN CAR+ T2	NDUFV3	2484.8836
IFN CAR+ T2	RNF181	2484.2958
IFN CAR+ T2	XIRP1	2460.4955
IFN CAR+ T2	RFC5	2453.088
IFN CAR+ T2	UCHL5	2436.9876
IFN CAR+ T2	NDUFS3	2391.7148
IFN CAR+ T2	NDUFB8	2319.4483
IFN CAR+ T2	VRK1	2284.5933
IFN CAR+ T2	EVL	2202.2008
IFN CAR+ T2	CDK2	2186.4842
IFN CAR+ T2	RPA3	2123.7691
IFN CAR+ T2	SLC17A5	2099.6942
IFN CAR+ T2	DUT	2059.1699
IFN CAR+ T2	SPECC1	2047.6969

IFN CAR+ T2	ADPRH	2040.3433
IFN CAR+ T2	LNPEP	2036.48
IFN CAR+ T2	ACAD11	2018.126
IFN CAR+ T2	CNPY3	1996.7168
IFN CAR+ T2	CYB5R2	1943.7664
IFN CAR+ T2	OSBPL3	1939.2443
IFN CAR+ T2	TKFC	1910.5874
IFN CAR+ T2	SCLY	1759.6536
IFN CAR+ T2	BAK1	1745.8441
IFN CAR+ T2	FAM107B	1745.6375
IFN CAR+ T2	HDAC2	1726.2613
IFN CAR+ T2	CHMP6	1718.9723
IFN CAR+ T2	SLC2A3	1705.0175
IFN CAR+ T2	BTN3A3	1680.2879
IFN CAR+ T2	ARHGEF11	1668.7181
IFN CAR+ T2	DNASE1L1	1657.6898
IFN CAR+ T2	GNAI1	1644.2505
IFN CAR+ T2	RPA2	1644.1069
IFN CAR+ T2	NUDT4	1643.1145
IFN CAR+ T2	ENDOD1	1640.5607
IFN CAR+ T2	NDUFB3	1632.3213
IFN CAR+ T2	CDK1	1626.5424
IFN CAR+ T2	SIAE	1530.1814
IFN CAR+ T2	POLD2	1517.6985
IFN CAR+ T2	ITGAX	1510.164
IFN CAR+ T2	GSTM4	1471.2666
IFN CAR+ T2	NUMA1	1457.2556
IFN CAR+ T2	NDUFA12	1443.653
IFN CAR+ T2	WDR70	1412.9022
IFN CAR+ T2	MYLK	1391.7883
IFN CAR+ T2	NXN	1391.6975

IFN CAR+ T2	SNX4	1390.1376
IFN CAR+ T2	UQCRQ	1371.8037
IFN CAR+ T2	MX2	1354.3948
IFN CAR+ T2	HMG2	1352.8008
IFN CAR+ T2	SLC15A3	1314.3918
IFN CAR+ T2	FAHD2A	1312.9385
IFN CAR+ T2	NF2	1308.0359
IFN CAR+ T2	NUDT1	1290.9002
IFN CAR+ T2	CASP10	1282.4704
IFN CAR+ T2	NRGN	1280.1354
IFN CAR+ T2	EXOSC8	1253.846
IFN CAR+ T2	PTPN2	1209.944
IFN CAR+ T2	NDUFA5	1148.6071
IFN CAR+ T2	FAT1	1146.7826
IFN CAR+ T2	OPTN	1129.3684
IFN CAR+ T2	NELFCD	1051.7761
IFN CAR+ T2	UBR7	1028.7838
IFN CAR+ T2	TXNDC5	1018.1829
IFN CAR+ T2	PCTP	939.5784
IFN CAR+ T2	MFAP1	936.3945
IFN CAR+ T2	HIBCH	936.1222
IFN CAR+ T2	SESN2	834.8036
IFN CAR+ T2	BRD4	829.2665
IFN CAR+ T2	MT-ND2	781.4535
IFN CAR+ T2	ACP3	772.7332
IFN CAR+ T2	RCC2	764.4294
IFN CAR+ T2	ADAM10	743.2753
IFN CAR+ T2	MT-ND6	736.7053
IFN CAR+ T2	LIPA	730.2126
IFN CAR+ T2	PRKACB	680.3626
IFN CAR+ T2	ALDH1B1	669.8125

IFN CAR+ T2	MARCKS	662.1497
IFN CAR+ T2	NSUN2	657.6345
IFN CAR+ T2	BDH2	657.0436
IFN CAR+ T2	MSH2	649.4165
IFN CAR+ T2	RFC4	633.017
IFN CAR+ T2	SPR	631.6477
IFN CAR+ T2	PPAT	631.2457
IFN CAR+ T2	MSR1	626.0144
IFN CAR+ T2	MORF4L1	612.8757
IFN CAR+ T2	UBL5	608.3466
IFN CAR+ T2	ELAC2	561.2614
IFN CAR+ T2	NHERF1	556.0334
IFN CAR+ T2	MED25	528.8366
IFN CAR+ T2	KANK2	523.567
IFN CAR+ T2	GTF2F2	506.9883
IFN CAR+ T2	UBXN4	501.1868
IFN CAR+ T2	ELF1	485.1759
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IFN CAR+ T2	XRCC1	416.0567
IFN CAR+ T2	IL1RN	388.488
IFN CAR+ T2	NR2C2AP	384.1444
IFN CAR+ T2	HIVEP3	384.0814
IFN CAR+ T2	GABPA	382.7733
IFN CAR+ T2	BCKDHA	375.4296
IFN CAR+ T2	PALD1	361.343
IFN CAR+ T2	ACBD5	354.7624
IFN CAR+ T2	BIN1	335.3786
IFN CAR+ T2	KIDINS220	331.6578
IFN CAR+ T2	MAN2A1	315.1601
IFN CAR+ T2	MADD	236.8668
IFN CAR+ T2	RNF149	207.8452

IFN CAR+ T2	NELFA	204.26
IFN CAR+ T2	CHMP1B	196.9382
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IFN CAR+ T2	RNASEH2A	166.2822
IFN CAR+ T2	CFAP20	147.8252
IFN CAR+ T2	KNTC1	120.8711
IFN CAR+ T2	NUDT16L1	118.2779
IFN CAR+ T2	ZC3HC1	93.2273
IFN CAR+ T2	DNAJC8	90.6428
IFN CAR+ T2	WLS	88.7701
IFN CAR+ T2	MTRF1L	75.2145
IFN CAR+ T2	FKBP9	66.7615
IFN CAR+ T2	CEP97	25.3427
IFN CAR+ T2	ZNF330	13.6656
IL4, 10 CAR+ Scr	ANPEP	202486.3331
IL4, 10 CAR+ Scr	TGM2	134315.8327
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IL4, 10 CAR+ Scr	CHI3L1	58404.4536
IL4, 10 CAR+ Scr	CD44	48849.3182
IL4, 10 CAR+ Scr	PLIN2	29469.453
IL4, 10 CAR+ Scr	STIP1	27955.9038
IL4, 10 CAR+ Scr	MMP1	26001.6555
IL4, 10 CAR+ Scr	HMOX1	23648.9693
IL4, 10 CAR+ Scr	ALCAM	23002.0278
IL4, 10 CAR+ Scr	FN1	20134.233
IL4, 10 CAR+ Scr	CTSL	19838.1278
IL4, 10 CAR+ Scr	TIMP1	18658.1169
IL4, 10 CAR+ Scr	H1-0	17876.4642
IL4, 10 CAR+ Scr	S100P	16090.2919
IL4, 10 CAR+ Scr	TYROBP	16022.7503

IL4, 10 CAR+ Scr	RCN1	15853.837
IL4, 10 CAR+ Scr	NT5E	14695.1935
IL4, 10 CAR+ Scr	STOM	14648.5878
IL4, 10 CAR+ Scr	NRP1	12794.0523
IL4, 10 CAR+ Scr	SYNGR2	12606.1737
IL4, 10 CAR+ Scr	NSUN2	11825.0745
IL4, 10 CAR+ Scr	SPP1	11401.7016
IL4, 10 CAR+ Scr	ALDOC	11232.7813
IL4, 10 CAR+ Scr	PCM1	11204.0338
IL4, 10 CAR+ Scr	PSAT1	11078.1493
IL4, 10 CAR+ Scr	COL6A1	10248.5446
IL4, 10 CAR+ Scr	DAB2	9584.0464
IL4, 10 CAR+ Scr	SLC4A7	9401.4238
IL4, 10 CAR+ Scr	CD300A	9300.7764
IL4, 10 CAR+ Scr	SBDS	9245.781
IL4, 10 CAR+ Scr	SORT1	9022.6689
IL4, 10 CAR+ Scr	ITGAM	8917.815
IL4, 10 CAR+ Scr	PECAM1	8648.7957
IL4, 10 CAR+ Scr	SLC20A1	8436.7411
IL4, 10 CAR+ Scr	NPC1	8388.8832
IL4, 10 CAR+ Scr	PLD3	7995.5629
IL4, 10 CAR+ Scr	CALU	7958.8126
IL4, 10 CAR+ Scr	MGLL	7690.819
IL4, 10 CAR+ Scr	HBB;HBD	7233.7918
IL4, 10 CAR+ Scr	KCTD12	6822.6544
IL4, 10 CAR+ Scr	ITGB3	6482.7487
IL4, 10 CAR+ Scr	ADAM9	6314.6543
IL4, 10 CAR+ Scr	BANF1	6129.934
IL4, 10 CAR+ Scr	SOD2	6117.9323
IL4, 10 CAR+ Scr	FCAR	6090.3344
IL4, 10 CAR+ Scr	ME1	5680.0611

IL4, 10 CAR+ Scr	LIMA1	5601.6058
IL4, 10 CAR+ Scr	BASP1	5576.6973
IL4, 10 CAR+ Scr	NPC2	5561.6762
IL4, 10 CAR+ Scr	IL1RN	5399.928
IL4, 10 CAR+ Scr	SPHK1	5339.2693
IL4, 10 CAR+ Scr	ATP1B3	5336.8762
IL4, 10 CAR+ Scr	NPTN	5334.3974
IL4, 10 CAR+ Scr	TWF1	5281.4242
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IL4, 10 CAR+ Scr	OAT	5242.6919
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IL4, 10 CAR+ Scr	PSMB6	4997.0632
IL4, 10 CAR+ Scr	VAT1	4996.1333
IL4, 10 CAR+ Scr	LGALS3	4915.0355
IL4, 10 CAR+ Scr	LPL	4905.4851
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IL4, 10 CAR+ Scr	SARS1	4137.6754
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IL4, 10 CAR+ Scr	QSOX1	3924.8383
IL4, 10 CAR+ Scr	EPB41L3	3854.6957
IL4, 10 CAR+ Scr	PCBD1	3784.9367
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IL4, 10 CAR+ Scr	BZW2	3591.7785
IL4, 10 CAR+ Scr	MMP9	3495.8864
IL4, 10 CAR+ Scr	EIF4B	3347.8063
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IL4, 10 CAR+ Scr	RGS10	3256.1281
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IL4, 10 CAR+ Scr	NDRG2	2173.9257
IL4, 10 CAR+ Scr	TIMP3	2154.0614
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IL4, 10 CAR+ Scr	PYCR2	2128.1263
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IL4, 10 CAR+ Scr	NUDT16L1	1697.0533
IL4, 10 CAR+ Scr	FCHO2	1668.3094
IL4, 10 CAR+ Scr	POSTN	1668.0769
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IL4, 10 CAR+ Scr	GSDME	1368.2111
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IL4, 10 CAR+ T2	CPNE2	18039.726

IL4, 10 CAR+ T2	CNN2	17121.7201
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IL4, 10 CAR+ T2	RCC2	11766.1094
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IL4, 10 CAR+ T2	CBFB	10083.2241
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IL4, 10 CAR+ T2	CTSC	9199.5419
IL4, 10 CAR+ T2	TXNDC5	9170.9829
IL4, 10 CAR+ T2	CNPY3	9026.1568
IL4, 10 CAR+ T2	HAT1	8489.3915
IL4, 10 CAR+ T2	CD109	8401.5335

IL4, 10 CAR+ T2	ADAM10	8397.5153
IL4, 10 CAR+ T2	GGH	8327.3111
IL4, 10 CAR+ T2	NDUFV1	8315.0205
IL4, 10 CAR+ T2	MCM5	8092.9874
IL4, 10 CAR+ T2	PRDX5	8043.3903
IL4, 10 CAR+ T2	RRM1	7995.0411
IL4, 10 CAR+ T2	MELTF	7984.7427
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IL4, 10 CAR+ T2	SDHA	7379.0154
IL4, 10 CAR+ T2	RPA1	7356.0503
IL4, 10 CAR+ T2	DHFR	7292.4592
IL4, 10 CAR+ T2	RB1	7246.8206
IL4, 10 CAR+ T2	KPNA2	7090.3433
IL4, 10 CAR+ T2	GMPS	6980.4766
IL4, 10 CAR+ T2	CDK1	6808.3104
IL4, 10 CAR+ T2	SCCPDH	6719.2433
IL4, 10 CAR+ T2	TMED4	6678.6463
IL4, 10 CAR+ T2	DCPS	6479.2804
IL4, 10 CAR+ T2	SMARCC2	6414.6236
IL4, 10 CAR+ T2	NCK2	6054.8057
IL4, 10 CAR+ T2	DNAJC8	5963.6828
IL4, 10 CAR+ T2	BDH2	5753.8516
IL4, 10 CAR+ T2	CHMP1B	5696.5782
IL4, 10 CAR+ T2	BACC1	5637.0514
IL4, 10 CAR+ T2	TRIP13	5592.892
IL4, 10 CAR+ T2	SLC1A4	5566.1576
IL4, 10 CAR+ T2	MRC2	5556.4803
IL4, 10 CAR+ T2	RRM2	5543.934
IL4, 10 CAR+ T2	RPA3	5459.6891
IL4, 10 CAR+ T2	RPA2	5405.3869
IL4, 10 CAR+ T2	ACAA2	5325.052

IL4, 10 CAR+ T2	SPR	5186.2077
IL4, 10 CAR+ T2	UBE2H	5083.9805
IL4, 10 CAR+ T2	HIBCH	4978.6822
IL4, 10 CAR+ T2	DCK	4856.3269
IL4, 10 CAR+ T2	UCHL5	4720.9476
IL4, 10 CAR+ T2	CYB5R2	4707.2904
IL4, 10 CAR+ T2	GAMT	4662.1988
IL4, 10 CAR+ T2	COL6A1	4549.4246
IL4, 10 CAR+ T2	PCBD1	4544.8167
IL4, 10 CAR+ T2	ACP3	4496.0412
IL4, 10 CAR+ T2	ANXA8;ANXA8L 1	4478.3086
IL4, 10 CAR+ T2	NDUFS7	4362.9224
IL4, 10 CAR+ T2	CMTM3	4269.9668
IL4, 10 CAR+ T2	CDK2	4234.1642
IL4, 10 CAR+ T2	CEMIP2	4024.0235
IL4, 10 CAR+ T2	SYNGR2	3977.9337
IL4, 10 CAR+ T2	CYRIA	3977.0407
IL4, 10 CAR+ T2	NDUFS1	3946.4563
IL4, 10 CAR+ T2	GSTM4	3905.5066
IL4, 10 CAR+ T2	SHMT1	3818.3735
IL4, 10 CAR+ T2	CDK6	3807.6566
IL4, 10 CAR+ T2	NES	3729.1716
IL4, 10 CAR+ T2	PYCR2	3699.0863
IL4, 10 CAR+ T2	DNASE1L1	3680.4658
IL4, 10 CAR+ T2	IRAG2	3620.6749
IL4, 10 CAR+ T2	FOXK1	3526.4144
IL4, 10 CAR+ T2	NCALD	3495.3303
IL4, 10 CAR+ T2	NDUFA13	3358.6382
IL4, 10 CAR+ T2	MT-ND3	3339.6522
IL4, 10 CAR+ T2	PSMB6	3295.7032
IL4, 10 CAR+ T2	NELFCD	3251.9681

IL4, 10 CAR+ T2	NDUFA11	3122.5439
IL4, 10 CAR+ T2	CFAP20	3087.0132
IL4, 10 CAR+ T2	NDUFA8	3070.0877
IL4, 10 CAR+ T2	BIN1	3069.2306
IL4, 10 CAR+ T2	SCPEP1	3043.392
IL4, 10 CAR+ T2	RCN1	3036.397
IL4, 10 CAR+ T2	NDUFB8	2994.6483
IL4, 10 CAR+ T2	MSH2	2990.4765
IL4, 10 CAR+ T2	RFC4	2882.181
IL4, 10 CAR+ T2	RAD21	2841.3678
IL4, 10 CAR+ T2	PRPS2	2769.1982
IL4, 10 CAR+ T2	NDUFV3	2764.3036
IL4, 10 CAR+ T2	SBDS	2709.741
IL4, 10 CAR+ T2	DDAH2	2704.3852
IL4, 10 CAR+ T2	PPAT	2659.5857
IL4, 10 CAR+ T2	NUDT1	2642.5762
IL4, 10 CAR+ T2	SNX4	2621.5856
IL4, 10 CAR+ T2	ACY1	2589.4365
IL4, 10 CAR+ T2	MT-ND6	2523.9773
IL4, 10 CAR+ T2	SORT1	2507.7889
IL4, 10 CAR+ T2	UBL5	2487.5266
IL4, 10 CAR+ T2	NXN	2479.6575
IL4, 10 CAR+ T2	UBA7	2453.4427
IL4, 10 CAR+ T2	VRK1	2411.6373
IL4, 10 CAR+ T2	ELAC2	2365.0334
IL4, 10 CAR+ T2	APIP	2363.4405
IL4, 10 CAR+ T2	UBE2S	2349.5564
IL4, 10 CAR+ T2	DAB2	2315.2864
IL4, 10 CAR+ T2	FKBP9	2275.8015
IL4, 10 CAR+ T2	NDUFS3	2250.5148
IL4, 10 CAR+ T2	HDAC2	2242.1413

IL4, 10 CAR+ T2	NHERF1	2239.6974
IL4, 10 CAR+ T2	SEPTIN11	2217.4412
IL4, 10 CAR+ T2	SCARB1	2174.2009
IL4, 10 CAR+ T2	NDUFB3	2146.3613
IL4, 10 CAR+ T2	NUMA1	2124.8956
IL4, 10 CAR+ T2	NR2C2AP	2097.9404
IL4, 10 CAR+ T2	CHMP6	2095.6923
IL4, 10 CAR+ T2	RSF1	2068.8552
IL4, 10 CAR+ T2	SIL1	2061.4901
IL4, 10 CAR+ T2	SCLY	2041.0136
IL4, 10 CAR+ T2	SIAE	1990.5894
IL4, 10 CAR+ T2	LPL	1826.8651
IL4, 10 CAR+ T2	CD151	1826.5151
IL4, 10 CAR+ T2	LIMA1	1750.8058
IL4, 10 CAR+ T2	PLBD2	1700.1825
IL4, 10 CAR+ T2	CKAP5	1689.1225
IL4, 10 CAR+ T2	UBR7	1654.5918
IL4, 10 CAR+ T2	RFC5	1585.656
IL4, 10 CAR+ T2	OSBPL3	1558.9603
IL4, 10 CAR+ T2	TDP1	1538.8304
IL4, 10 CAR+ T2	TKFC	1523.5754
IL4, 10 CAR+ T2	MCCC2	1476.225
IL4, 10 CAR+ T2	RGS14	1466.3888
IL4, 10 CAR+ T2	PALD1	1460.255
IL4, 10 CAR+ T2	ARFIP1	1343.7946
IL4, 10 CAR+ T2	EXOSC8	1338.126
IL4, 10 CAR+ T2	KANK2	1336.787
IL4, 10 CAR+ T2	WDR70	1328.8222
IL4, 10 CAR+ T2	NDUFA5	1306.8871
IL4, 10 CAR+ T2	MORF4L1	1304.4877
IL4, 10 CAR+ T2	SERPINI1	1267.9493

IL4, 10 CAR+ T2	RNASEH2A	1262.1542
IL4, 10 CAR+ T2	NDUFA12	1257.273
IL4, 10 CAR+ T2	ITGAX	1251.804
IL4, 10 CAR+ T2	NUDT19	1239.1381
IL4, 10 CAR+ T2	MANF	1189.1038
IL4, 10 CAR+ T2	ALDH1B1	1135.5845
IL4, 10 CAR+ T2	XRCC1	1126.3967
IL4, 10 CAR+ T2	ACADS	1123.4187
IL4, 10 CAR+ T2	GNAI1	1027.7945
IL4, 10 CAR+ T2	FAHD2A	987.1785
IL4, 10 CAR+ T2	ITGAM	986.135
IL4, 10 CAR+ T2	NF2	965.3639
IL4, 10 CAR+ T2	BRD4	959.4265
IL4, 10 CAR+ T2	NRGN	929.6754
IL4, 10 CAR+ T2	ATP1B3	926.5562
IL4, 10 CAR+ T2	SLC29A1	848.5988
IL4, 10 CAR+ T2	HMGN2	845.6448
IL4, 10 CAR+ T2	S100A8	798.4494
IL4, 10 CAR+ T2	OAT	798.2919
IL4, 10 CAR+ T2	SDC2	796.1345
IL4, 10 CAR+ T2	GABPA	778.7813
IL4, 10 CAR+ T2	GLIPR1	764.6909
IL4, 10 CAR+ T2	POLD2	752.0265
IL4, 10 CAR+ T2	LIPA	689.5726
IL4, 10 CAR+ T2	PLXNB2	668.3741
IL4, 10 CAR+ T2	COA7	558.7187
IL4, 10 CAR+ T2	ZNF330	556.9594
IL4, 10 CAR+ T2	ANTXR2	538.5273
IL4, 10 CAR+ T2	HIVEP3	496.2494
IL4, 10 CAR+ T2	NUDT16L1	469.2813
IL4, 10 CAR+ T2	PACS1	462.7563

IL4, 10 CAR+ T2	YAP1	443.7906
IL4, 10 CAR+ T2	TTC1	440.7185
IL4, 10 CAR+ T2	SPRY2	432.1782
IL4, 10 CAR+ T2	PDCD4	427.6762
IL4, 10 CAR+ T2	ADPRH	383.5433
IL4, 10 CAR+ T2	SDSL	381.3013
IL4, 10 CAR+ T2	MTRF1L	363.7191
IL4, 10 CAR+ T2	NELFA	356.932
IL4, 10 CAR+ T2	SLC8A1	347.1954
IL4, 10 CAR+ T2	MT-ND2	337.5295
IL4, 10 CAR+ T2	NDUFA9	304.28
IL4, 10 CAR+ T2	LNPEP	300.8
IL4, 10 CAR+ T2	EIF4B	209.1663
IL4, 10 CAR+ T2	BCKDHA	194.3616
IL4, 10 CAR+ T2	TMPO	162.6881
IL4, 10 CAR+ T2	KNTC1	151.3167
IL4, 10 CAR+ T2	ELF1	136.0319
IL4, 10 CAR+ T2	UQCRQ	133.8837
IL4, 10 CAR+ T2	MAN2A1	116.6121
IL4, 10 CAR+ T2	MED25	99.961
IL4, 10 CAR+ T2	APOBEC3C	79.6065
IL4, 10 CAR+ T2	COL7A1	27.8051

**Supplementary Table 4.** Differentially expressed protein between CAR-HER2 basal and CAR-HER2

iTREM2

Class	Feature	Overexpression Score
CAR-HER2-BASAL	RPS20	120627.3333
CAR-HER2-BASAL	PAXBP1	98545.2448
CAR-HER2-BASAL	IL1B	81727.6
CAR-HER2-BASAL	SRC	36089.0
CAR-HER2-BASAL	KRTCAP2	27724.7667
CAR-HER2-BASAL	SYNJ2	12346.4501
CAR-HER2-BASAL	RNF114	8831.6487

CAR-HER2-BASAL	ARMCX3	6164.3428
CAR-HER2-BASAL	DCTN6	5978.2
CAR-HER2-BASAL	PPIP5K2	5865.2067
CAR-HER2-BASAL	EMC2	5603.2333
CAR-HER2-BASAL	GPR68	5466.401
CAR-HER2-BASAL	YPEL5	4826.2501
CAR-HER2-BASAL	FITM2	4350.9676
CAR-HER2-BASAL	POLR1F	4197.5233
CAR-HER2-BASAL	NUP205	4184.5434
CAR-HER2-BASAL	RASAL2	4163.8767
CAR-HER2-BASAL	POLR2J;POLR2J3	3200.9846
CAR-HER2-BASAL	C8orf33	3165.9723
CAR-HER2-BASAL	NCKIPSD	3142.7194
CAR-HER2-BASAL	DUSP4	2989.7208
CAR-HER2-BASAL	MMP8	2936.72
CAR-HER2-BASAL	PXN	2715.3886
CAR-HER2-BASAL	SPAST	2628.0016
CAR-HER2-BASAL	ERAL1	2529.6741
CAR-HER2-BASAL	MRPL34	2475.9823
CAR-HER2-BASAL	NUP188	2467.733
CAR-HER2-BASAL	DNTTIP1	2376.5296
CAR-HER2-BASAL	SCAF1	2357.864
CAR-HER2-BASAL	SDR39U1	2355.6448
CAR-HER2-BASAL	DHCR7	2239.5909
CAR-HER2-BASAL	MAPKAP1	2155.0082
CAR-HER2-BASAL	ADAT3	2104.3067
CAR-HER2-BASAL	MRPL32	1965.9111
CAR-HER2-BASAL	SPRY4	1845.9567
CAR-HER2-BASAL	ZFYVE1	1740.8065
CAR-HER2-BASAL	ATP13A3	1710.6667
CAR-HER2-BASAL	CRNKL1	1702.4833
CAR-HER2-BASAL	TELO2	1694.7083
CAR-HER2-BASAL	KRIT1	1660.9848
CAR-HER2-BASAL	NCAPG	1567.2465
CAR-HER2-BASAL	MFSD3	1558.4
CAR-HER2-BASAL	RRP7A	1399.7864
CAR-HER2-BASAL	ENTPD1	1385.2738
CAR-HER2-BASAL	PPP2R5B	1193.1665
CAR-HER2-BASAL	TAOK2	1097.5288
CAR-HER2-BASAL	SP140L	1072.3919
CAR-HER2-BASAL	EBI3	1011.0205
CAR-HER2-BASAL	TCF25	998.7929
CAR-HER2-BASAL	RAB39A	985.5152
CAR-HER2-BASAL	CMIP	872.8633

CAR-HER2-BASAL	GRAP	864.7538
CAR-HER2-BASAL	EZH2	734.772
CAR-HER2-BASAL	CAPN15	497.7004
CAR-HER2-BASAL	TRIM4	451.9603
CAR-HER2-BASAL	IGHMBP2	299.3432
CAR-HER2-iTREM2	NCL	134549.0
CAR-HER2-iTREM2	SFPQ	56859.0
CAR-HER2-iTREM2	EHHADH	56461.3333
CAR-HER2-iTREM2	SRSF7	37101.6667
CAR-HER2-iTREM2	DDX6	16595.0
CAR-HER2-iTREM2	GATM	11738.0
CAR-HER2-iTREM2	RRM2	11322.0
CAR-HER2-iTREM2	DCK	10985.3
CAR-HER2-iTREM2	BPHL	9756.7831
CAR-HER2-iTREM2	FLOT2	9449.0667
CAR-HER2-iTREM2	SRSF5	8430.5164
CAR-HER2-iTREM2	CCNA2	8124.8159
CAR-HER2-iTREM2	ENOSF1	7381.2667
CAR-HER2-iTREM2	CUL1	6137.3
CAR-HER2-iTREM2	CLINT1	5937.3333
CAR-HER2-iTREM2	PPP1R18	5352.9667
CAR-HER2-iTREM2	APOBEC3C	5090.2322
CAR-HER2-iTREM2	ACADSB	4965.7333
CAR-HER2-iTREM2	EMILIN2	4802.8333
CAR-HER2-iTREM2	ACSS2	4466.1333
CAR-HER2-iTREM2	PARP10	3729.8532
CAR-HER2-iTREM2	OGA	2876.5
CAR-HER2-iTREM2	CDK2	2776.5
CAR-HER2-iTREM2	TOM1L2	2644.7381
CAR-HER2-iTREM2	MBLAC2	2618.1347
CAR-HER2-iTREM2	PRKCA	2455.7079
CAR-HER2-iTREM2	BCL10	2340.8533
CAR-HER2-iTREM2	NDUFA7	2291.5233
CAR-HER2-iTREM2	CEP250	2240.7811
CAR-HER2-iTREM2	YLPM1	2195.9868
CAR-HER2-iTREM2	PPP2R2D	2193.0
CAR-HER2-iTREM2	WDR41	1868.1229
CAR-HER2-iTREM2	NISCH	1815.1333
CAR-HER2-iTREM2	SLC7A6	1463.4829
CAR-HER2-iTREM2	MR1	1363.987
CAR-HER2-iTREM2	SRSF9	1262.5484
CAR-HER2-iTREM2	PCM1	1157.2692
CAR-HER2-iTREM2	CETN2	1135.5214
CAR-HER2-iTREM2	FHIP2B	734.4955

CAR-HER2-iTREM2	PDK2	722.5834
CAR-HER2-iTREM2	SUPT3H	582.2586
CAR-HER2-iTREM2	FYB1	483.6254

**Supplementary Table 5.** Differentially expressed protein between CAR-HER2 basal and CAR-HER2 iTREM2 after treatment with IFN $\gamma$  or IL4/IL10

Class	Feature	Overexpression Score
CAR-HER2-BASAL	PLAU	101328.6333
CAR-HER2-BASAL	IL1B	64775.0133
CAR-HER2-BASAL	MMP9	45401.1733
CAR-HER2-BASAL	FN1	45345.8467
CAR-HER2-BASAL	CD14	43917.3067
CAR-HER2-BASAL	NCF1	22777.46
CAR-HER2-BASAL	LGALS9	20344.6
CAR-HER2-BASAL	CD109	17398.98
CAR-HER2-BASAL	FEN1	13559.6733
CAR-HER2-BASAL	SRC	12980.8
CAR-HER2-BASAL	UHRF1	11747.1567
CAR-HER2-BASAL	KIFC1	9091.092
CAR-HER2-BASAL	TK1	7176.3933
CAR-HER2-BASAL	COL7A1	6757.6567
CAR-HER2-BASAL	PLXNB2	6198.6333
CAR-HER2-BASAL	CNK3/IPCEF1;IPCEF1	5572.7
CAR-HER2-BASAL	KANK2	5457.5293
CAR-HER2-BASAL	DPYD	5200.0653
CAR-HER2-BASAL	TIMP3	4601.7527
CAR-HER2-BASAL	LIG1	4448.1933
CAR-HER2-BASAL	RRM1	4338.7933
CAR-HER2-BASAL	ARFGAP3	4080.3733
CAR-HER2-BASAL	TYMS	3942.9775
CAR-HER2-BASAL	DUT	3771.95
CAR-HER2-BASAL	TACC3	3522.8593
CAR-HER2-BASAL	NPM3	3485.5767
CAR-HER2-BASAL	MKI67	3347.9127
CAR-HER2-BASAL	CCNB1	3331.2215
CAR-HER2-BASAL	FKBP2	3318.2533
CAR-HER2-BASAL	ITM2C	3043.2732
CAR-HER2-BASAL	PDCD4	2764.0853
CAR-HER2-BASAL	DUSP4	2664.5283
CAR-HER2-BASAL	COL6A2	2655.2307
CAR-HER2-BASAL	MID1IP1	2306.0192
CAR-HER2-BASAL	SPRY4	2165.5213
CAR-HER2-BASAL	CLEC11A	2077.3233

CAR-HER2-BASAL	MTG1	2004.0945
CAR-HER2-BASAL	KIF11	1990.7113
CAR-HER2-BASAL	MMP8	1954.628
CAR-HER2-BASAL	BMP8A	1881.6553
CAR-HER2-BASAL	MAD2L1	1861.4773
CAR-HER2-BASAL	GNA11	1848.366
CAR-HER2-BASAL	SLC29A1	1824.762
CAR-HER2-BASAL	TFRC	1751.1133
CAR-HER2-BASAL	BCAM	1723.7268
CAR-HER2-BASAL	IL1RN	1690.3527
CAR-HER2-BASAL	RRM2	1674.338
CAR-HER2-BASAL	ELAC2	1547.6533
CAR-HER2-BASAL	APOBEC3B	1427.5722
CAR-HER2-BASAL	SH3BP2	1283.2313
CAR-HER2-BASAL	GLT8D1	1251.0095
CAR-HER2-BASAL	UBE2S	1221.1867
CAR-HER2-BASAL	LIMD2	1198.6467
CAR-HER2-BASAL	CDK2	1155.9033
CAR-HER2-BASAL	DAG1	1152.1927
CAR-HER2-BASAL	UCK2	1051.4233
CAR-HER2-BASAL	DVL2	1013.2364
CAR-HER2-BASAL	SNX30	879.2773
CAR-HER2-BASAL	PRIM1	796.4766
CAR-HER2-BASAL	CDK4	794.4113
CAR-HER2-BASAL	MICU2	740.4212
CAR-HER2-BASAL	TOP2A	724.2973
CAR-HER2-BASAL	ASXL2	696.7595
CAR-HER2-BASAL	ANKH	644.91
CAR-HER2-BASAL	BNIP3L	558.4095
CAR-HER2-BASAL	ARL2BP	540.122
CAR-HER2-BASAL	ADGRL2	526.8707
CAR-HER2-BASAL	ZFYVE1	504.0391
CAR-HER2-BASAL	CEMIP	431.8659
CAR-HER2-BASAL	PRIM2	419.7354
CAR-HER2-BASAL	PANX1	408.9973
CAR-HER2-BASAL	SLC2A5	361.5299
CAR-HER2-BASAL	PPP2R5B	322.558
CAR-HER2-BASAL	CYSLTR1	269.7705
CAR-HER2-BASAL	THTPA	198.382
CAR-HER2-BASAL	TMEM87A	172.6773
CAR-HER2-BASAL	MGMT	155.8947
CAR-HER2-BASAL	SLC7A1	146.7043
CAR-HER2-BASAL	NCOA7	130.4969
CAR-HER2-BASAL	PRKCI	41.4442

CAR-HER2-BASAL	PBK	32.028
CAR-HER2-BASAL	ASF1B	25.4087
CAR-HER2-BASAL	SLC7A6OS	10.1267
CAR-HER2-IFN $\gamma$	WARS1	1107773.8667
CAR-HER2-IFN $\gamma$	HLA-DRA	333558.8618
CAR-HER2-IFN $\gamma$	IFIT2	324652.7608
CAR-HER2-IFN $\gamma$	STAT1	297194.6533
CAR-HER2-IFN $\gamma$	GBP1	268759.714
CAR-HER2-IFN $\gamma$	S100A8	243830.98
CAR-HER2-IFN $\gamma$	TAP1	232139.8933
CAR-HER2-IFN $\gamma$	HLA-C	207795.3333
CAR-HER2-IFN $\gamma$	LAP3	197713.5333
CAR-HER2-IFN $\gamma$	TYMP	195156.82
CAR-HER2-IFN $\gamma$	HLA-E	185783.0667
CAR-HER2-IFN $\gamma$	HLA-A	172498.0667
CAR-HER2-IFN $\gamma$	HLA-DRB1	167971.0904
CAR-HER2-IFN $\gamma$	ICAM1	157618.02
CAR-HER2-IFN $\gamma$	TAPBP	144708.0
CAR-HER2-IFN $\gamma$	GBP2	130140.706
CAR-HER2-IFN $\gamma$	LCP2	100493.3333
CAR-HER2-IFN $\gamma$	GBP4	95844.3779
CAR-HER2-IFN $\gamma$	IFIT3	94662.2267
CAR-HER2-IFN $\gamma$	MX1	90291.82
CAR-HER2-IFN $\gamma$	PLEK	81591.0267
CAR-HER2-IFN $\gamma$	S100A9	79925.88
CAR-HER2-IFN $\gamma$	PARP14	73611.0071
CAR-HER2-IFN $\gamma$	A2M	67650.12
CAR-HER2-IFN $\gamma$	SLAMF8	66664.04
CAR-HER2-IFN $\gamma$	GLUL	66552.2667
CAR-HER2-IFN $\gamma$	CTSL	65817.46
CAR-HER2-IFN $\gamma$	ISG15	65806.3533
CAR-HER2-IFN $\gamma$	HLA-B	65102.12
CAR-HER2-IFN $\gamma$	IFITM3	61124.9
CAR-HER2-IFN $\gamma$	NCF2	59560.3133
CAR-HER2-IFN $\gamma$	IFI16	56917.9733
CAR-HER2-IFN $\gamma$	LGALS9	53826.6
CAR-HER2-IFN $\gamma$	NCF1	52131.46
CAR-HER2-IFN $\gamma$	CD74	50747.6327
CAR-HER2-IFN $\gamma$	IL1B	50116.6133
CAR-HER2-IFN $\gamma$	MVP	47625.6
CAR-HER2-IFN $\gamma$	PARP9	45594.0811
CAR-HER2-IFN $\gamma$	SAMD9L	44749.2363
CAR-HER2-IFN $\gamma$	FCGR1A	43848.2287
CAR-HER2-IFN $\gamma$	TRPC4AP	42715.0006

CAR-HER2-IFN $\gamma$	UBE2L6	41988.74
CAR-HER2-IFN $\gamma$	GK	40962.3333
CAR-HER2-IFN $\gamma$	MTHFD2	39411.9933
CAR-HER2-IFN $\gamma$	APOL2	38873.6
CAR-HER2-IFN $\gamma$	CTSZ	37987.7667
CAR-HER2-IFN $\gamma$	OAS1	37050.7127
CAR-HER2-IFN $\gamma$	CD14	36109.9467
CAR-HER2-IFN $\gamma$	PLSCR1	34982.1267
CAR-HER2-IFN $\gamma$	RNF213	33657.3644
CAR-HER2-IFN $\gamma$	RIGI	32196.4267
CAR-HER2-IFN $\gamma$	SKAP2	31502.493
CAR-HER2-IFN $\gamma$	ITGB7	30586.5067
CAR-HER2-IFN $\gamma$	RALA	30480.9667
CAR-HER2-IFN $\gamma$	MOB1A;MOB1B	29904.54
CAR-HER2-IFN $\gamma$	DTX3L	28476.285
CAR-HER2-IFN $\gamma$	ADGRE5	26371.1533
CAR-HER2-IFN $\gamma$	DNAJA1	26157.02
CAR-HER2-IFN $\gamma$	NAMPT	24757.0067
CAR-HER2-IFN $\gamma$	ACSL1	24536.7533
CAR-HER2-IFN $\gamma$	CASP1	23200.42
CAR-HER2-IFN $\gamma$	CYBB	22619.1
CAR-HER2-IFN $\gamma$	XRN1	21412.806
CAR-HER2-IFN $\gamma$	IFIT1	21203.4153
CAR-HER2-IFN $\gamma$	STAT2	20931.04
CAR-HER2-IFN $\gamma$	PTPRC	20866.76
CAR-HER2-IFN $\gamma$	TDO2	19500.4573
CAR-HER2-IFN $\gamma$	LGALS3BP	19071.7067
CAR-HER2-IFN $\gamma$	TRIM21	19044.2067
CAR-HER2-IFN $\gamma$	ISG20	18521.944
CAR-HER2-IFN $\gamma$	IFIT5	18494.835
CAR-HER2-IFN $\gamma$	B2M	17861.1067
CAR-HER2-IFN $\gamma$	TNFAIP2	17235.8952
CAR-HER2-IFN $\gamma$	TTC39C	17154.3333
CAR-HER2-IFN $\gamma$	PML	16756.8533
CAR-HER2-IFN $\gamma$	NUB1	16620.1547
CAR-HER2-IFN $\gamma$	TLR2	15758.52
CAR-HER2-IFN $\gamma$	TRAFF1	15620.5523
CAR-HER2-IFN $\gamma$	IFIH1	15422.4069
CAR-HER2-IFN $\gamma$	SRC	14344.0
CAR-HER2-IFN $\gamma$	PARP10	13997.4347
CAR-HER2-IFN $\gamma$	CCR1	13794.2164
CAR-HER2-IFN $\gamma$	LPCAT2	13753.3667
CAR-HER2-IFN $\gamma$	CMPK2	13604.3533
CAR-HER2-IFN $\gamma$	SH2B2	13481.0729

CAR-HER2-IFN $\gamma$	GSDMD	13374.0533
CAR-HER2-IFN $\gamma$	APOBEC3G	12849.122
CAR-HER2-IFN $\gamma$	MYOF	12718.9333
CAR-HER2-IFN $\gamma$	IRF5	11788.124
CAR-HER2-IFN $\gamma$	RHBDF2	11752.1414
CAR-HER2-IFN $\gamma$	MSR1	11412.7767
CAR-HER2-IFN $\gamma$	CASP7	11202.1333
CAR-HER2-IFN $\gamma$	UBE2J1	11069.8933
CAR-HER2-IFN $\gamma$	HELZ2	10557.9318
CAR-HER2-IFN $\gamma$	OGFR	10476.1333
CAR-HER2-IFN $\gamma$	SNX6	10459.6267
CAR-HER2-IFN $\gamma$	KCNJ2	9969.5106
CAR-HER2-IFN $\gamma$	TXNIP	9950.6313
CAR-HER2-IFN $\gamma$	GPAT3	9639.6966
CAR-HER2-IFN $\gamma$	HMOX1	9518.4733
CAR-HER2-IFN $\gamma$	SLC2A3	9085.8313
CAR-HER2-IFN $\gamma$	NDRG1	8953.8467
CAR-HER2-IFN $\gamma$	GOLM1	8815.8873
CAR-HER2-IFN $\gamma$	CASP4	8054.6613
CAR-HER2-IFN $\gamma$	RNF181	7671.552
CAR-HER2-IFN $\gamma$	EVL	7534.1267
CAR-HER2-IFN $\gamma$	PRKCD	7305.2867
CAR-HER2-IFN $\gamma$	SP110	7235.8026
CAR-HER2-IFN $\gamma$	CD40	6969.6167
CAR-HER2-IFN $\gamma$	PARP12	6953.4874
CAR-HER2-IFN $\gamma$	IRF9	6877.8761
CAR-HER2-IFN $\gamma$	ALAS1	6754.5991
CAR-HER2-IFN $\gamma$	ADAM28	6752.62
CAR-HER2-IFN $\gamma$	THEMIS2	6636.8867
CAR-HER2-IFN $\gamma$	SDS	6533.4113
CAR-HER2-IFN $\gamma$	FBXO6	6527.5233
CAR-HER2-IFN $\gamma$	MLKL	6131.8825
CAR-HER2-IFN $\gamma$	MARCKS	6119.5327
CAR-HER2-IFN $\gamma$	RIPK2	6112.0713
CAR-HER2-IFN $\gamma$	CYLD	6082.2971
CAR-HER2-IFN $\gamma$	XIRP1	5973.0148
CAR-HER2-IFN $\gamma$	ARFGAP3	5963.9733
CAR-HER2-IFN $\gamma$	GTPBP1	5953.4467
CAR-HER2-IFN $\gamma$	DVL2	5665.8046
CAR-HER2-IFN $\gamma$	PPP1R12A	5631.9
CAR-HER2-IFN $\gamma$	FYB1	5503.1164
CAR-HER2-IFN $\gamma$	ARHGEF11	5446.9153
CAR-HER2-IFN $\gamma$	SLFN5	5384.7209
CAR-HER2-IFN $\gamma$	FBXO7	5207.4041

CAR-HER2-IFN $\gamma$	PLA2G4A	5121.4304
CAR-HER2-IFN $\gamma$	CASP10	5070.34
CAR-HER2-IFN $\gamma$	PRPS2	4991.54
CAR-HER2-IFN $\gamma$	PAK1	4986.44
CAR-HER2-IFN $\gamma$	SP100	4954.632
CAR-HER2-IFN $\gamma$	TTC39B	4878.465
CAR-HER2-IFN $\gamma$	NADK	4722.9807
CAR-HER2-IFN $\gamma$	SLC30A1	4671.8427
CAR-HER2-IFN $\gamma$	ACTN4	3827.3333
CAR-HER2-IFN $\gamma$	BTN3A3	3668.6833
CAR-HER2-IFN $\gamma$	VRK2	3649.1923
CAR-HER2-IFN $\gamma$	STX11	3638.5758
CAR-HER2-IFN $\gamma$	DAPP1	3636.0773
CAR-HER2-IFN $\gamma$	RNF149	3622.558
CAR-HER2-IFN $\gamma$	XPNPEP1	3621.3
CAR-HER2-IFN $\gamma$	OASL	3518.4475
CAR-HER2-IFN $\gamma$	ENDOD1	3254.464
CAR-HER2-IFN $\gamma$	MICU2	3049.2109
CAR-HER2-IFN $\gamma$	RBCK1	2902.6462
CAR-HER2-IFN $\gamma$	CBR3	2893.0133
CAR-HER2-IFN $\gamma$	TAPBPL	2867.708
CAR-HER2-IFN $\gamma$	SLC35F6	2795.2185
CAR-HER2-IFN $\gamma$	IL1RN	2750.5127
CAR-HER2-IFN $\gamma$	OGFRL1	2641.3573
CAR-HER2-IFN $\gamma$	BCAR1	2622.0867
CAR-HER2-IFN $\gamma$	EML4	2603.1467
CAR-HER2-IFN $\gamma$	FAT1	2598.228
CAR-HER2-IFN $\gamma$	CCND3	2548.2005
CAR-HER2-IFN $\gamma$	PRKCI	2544.6202
CAR-HER2-IFN $\gamma$	RAB43	2408.3268
CAR-HER2-IFN $\gamma$	CPSF4	2402.1639
CAR-HER2-IFN $\gamma$	SLC2A5	2395.6419
CAR-HER2-IFN $\gamma$	CALCOCO2	2372.9767
CAR-HER2-IFN $\gamma$	GPT2	2317.308
CAR-HER2-IFN $\gamma$	MMAA	2305.078
CAR-HER2-IFN $\gamma$	PANX1	2173.2053
CAR-HER2-IFN $\gamma$	PRKCH	2042.1707
CAR-HER2-IFN $\gamma$	RASSF4	1898.3208
CAR-HER2-IFN $\gamma$	AGT	1889.4699
CAR-HER2-IFN $\gamma$	STAT3	1676.3761
CAR-HER2-IFN $\gamma$	PLEKHG2	1667.9219
CAR-HER2-IFN $\gamma$	TANGO6	1648.1637
CAR-HER2-IFN $\gamma$	SZT2	1635.7644
CAR-HER2-IFN $\gamma$	NCOA7	1585.803

CAR-HER2-IFN $\gamma$	HCK	1574.8573
CAR-HER2-IFN $\gamma$	TRIM4	1495.4361
CAR-HER2-IFN $\gamma$	ARID3A	1407.2227
CAR-HER2-IFN $\gamma$	FAM8A1	1373.11
CAR-HER2-IFN $\gamma$	SNX8	1322.8187
CAR-HER2-IFN $\gamma$	THTPA	1320.982
CAR-HER2-IFN $\gamma$	LIPA	1294.86
CAR-HER2-IFN $\gamma$	PPP2R5B	1284.8483
CAR-HER2-IFN $\gamma$	LIMD2	1238.5907
CAR-HER2-IFN $\gamma$	BTG1	1117.7933
CAR-HER2-IFN $\gamma$	ZFYVE1	1091.5644
CAR-HER2-IFN $\gamma$	TBC1D1	1040.7748
CAR-HER2-IFN $\gamma$	RNF121	906.3802
CAR-HER2-IFN $\gamma$	EPB41L3	902.808
CAR-HER2-IFN $\gamma$	SH3BP2	814.7513
CAR-HER2-IFN $\gamma$	GCA	727.2593
CAR-HER2-IFN $\gamma$	SEPTIN6	697.9467
CAR-HER2-IFN $\gamma$	HELZ	644.9276
CAR-HER2-IFN $\gamma$	MR1	632.1102
CAR-HER2-IFN $\gamma$	IL411	602.6133
CAR-HER2-IFN $\gamma$	LRRC58	581.9424
CAR-HER2-IFN $\gamma$	MTG1	431.0573
CAR-HER2-IFN $\gamma$	PRIM1	319.7889
CAR-HER2-IFN $\gamma$	SNX7	310.5291
CAR-HER2-IFN $\gamma$	PPFIBP2	226.4728
CAR-HER2-IFN $\gamma$	LRRC8C	223.9933
CAR-HER2-IFN $\gamma$	TMEM175	213.5818
CAR-HER2-IFN $\gamma$	ASXL2	111.2135
CAR-HER2-IFN $\gamma$	BNIP3L	90.3335
CAR-HER2-IFN $\gamma$ -iTREM2	WARS1	1718129.8667
CAR-HER2-IFN $\gamma$ -iTREM2	IFIT2	457762.7608
CAR-HER2-IFN $\gamma$ -iTREM2	HLA-DRA	377480.4618
CAR-HER2-IFN $\gamma$ -iTREM2	LAP3	337045.9333
CAR-HER2-IFN $\gamma$ -iTREM2	HLA-A	297404.8667
CAR-HER2-IFN $\gamma$ -iTREM2	TYMP	291238.42
CAR-HER2-IFN $\gamma$ -iTREM2	STAT1	290357.8533
CAR-HER2-IFN $\gamma$ -iTREM2	S100A8	287972.58
CAR-HER2-IFN $\gamma$ -iTREM2	GBP1	282700.514
CAR-HER2-IFN $\gamma$ -iTREM2	HLA-E	278824.6667
CAR-HER2-IFN $\gamma$ -iTREM2	ICAM1	270469.62
CAR-HER2-IFN $\gamma$ -iTREM2	TAP1	216385.0933
CAR-HER2-IFN $\gamma$ -iTREM2	TAPBP	212202.4
CAR-HER2-IFN $\gamma$ -iTREM2	PLEK	191506.2267
CAR-HER2-IFN $\gamma$ -iTREM2	IFIT3	172832.6267

CAR-HER2-IFN $\gamma$ -iTREM2	HLA-C	168721.7333
CAR-HER2-IFN $\gamma$ -iTREM2	S100A9	162000.68
CAR-HER2-IFN $\gamma$ -iTREM2	HLA-DRB1	157849.0904
CAR-HER2-IFN $\gamma$ -iTREM2	LCP2	138864.9333
CAR-HER2-IFN $\gamma$ -iTREM2	GBP2	137896.306
CAR-HER2-IFN $\gamma$ -iTREM2	GLUL	111138.2667
CAR-HER2-IFN $\gamma$ -iTREM2	MX1	99758.62
CAR-HER2-IFN $\gamma$ -iTREM2	IL1B	97099.0133
CAR-HER2-IFN $\gamma$ -iTREM2	A2M	96972.12
CAR-HER2-IFN $\gamma$ -iTREM2	CTSL	96881.06
CAR-HER2-IFN $\gamma$ -iTREM2	GBP4	94640.5779
CAR-HER2-IFN $\gamma$ -iTREM2	HLA-B	86589.72
CAR-HER2-IFN $\gamma$ -iTREM2	ISG15	82759.1533
CAR-HER2-IFN $\gamma$ -iTREM2	NCF2	79241.1133
CAR-HER2-IFN $\gamma$ -iTREM2	MVP	75020.4
CAR-HER2-IFN $\gamma$ -iTREM2	NCF1	74445.86
CAR-HER2-IFN $\gamma$ -iTREM2	NAMPT	73850.2067
CAR-HER2-IFN $\gamma$ -iTREM2	MOB1A;MOB1B	73064.14
CAR-HER2-IFN $\gamma$ -iTREM2	CTSZ	72551.3667
CAR-HER2-IFN $\gamma$ -iTREM2	SLAMF8	71216.84
CAR-HER2-IFN $\gamma$ -iTREM2	IFITM3	66848.66
CAR-HER2-IFN $\gamma$ -iTREM2	CD74	65821.2327
CAR-HER2-IFN $\gamma$ -iTREM2	PLSCR1	64764.3667
CAR-HER2-IFN $\gamma$ -iTREM2	LGALS9	61810.2
CAR-HER2-IFN $\gamma$ -iTREM2	FCGR1A	59134.1087
CAR-HER2-IFN $\gamma$ -iTREM2	APOL2	58793.92
CAR-HER2-IFN $\gamma$ -iTREM2	ARL8A	55460.2
CAR-HER2-IFN $\gamma$ -iTREM2	IFI16	54614.8533
CAR-HER2-IFN $\gamma$ -iTREM2	UBE2L6	54360.54
CAR-HER2-IFN $\gamma$ -iTREM2	OAS1	53259.7527
CAR-HER2-IFN $\gamma$ -iTREM2	GK	52662.4133
CAR-HER2-IFN $\gamma$ -iTREM2	MTHFD2	52478.9533
CAR-HER2-IFN $\gamma$ -iTREM2	CD14	49749.0667
CAR-HER2-IFN $\gamma$ -iTREM2	ITGB7	48569.4667
CAR-HER2-IFN $\gamma$ -iTREM2	SRC	44807.6
CAR-HER2-IFN $\gamma$ -iTREM2	ADGRE5	44300.9933
CAR-HER2-IFN $\gamma$ -iTREM2	RALA	43906.8467
CAR-HER2-IFN $\gamma$ -iTREM2	PTPRC	43195.48
CAR-HER2-IFN $\gamma$ -iTREM2	B2M	38825.8267
CAR-HER2-IFN $\gamma$ -iTREM2	FKBP2	36870.0933
CAR-HER2-IFN $\gamma$ -iTREM2	PARP14	35862.3271
CAR-HER2-IFN $\gamma$ -iTREM2	CYBB	34202.86
CAR-HER2-IFN $\gamma$ -iTREM2	CASP1	32511.58
CAR-HER2-IFN $\gamma$ -iTREM2	CASP7	30719.8933

CAR-HER2-IFN $\gamma$ -iTREM2	ACSL1	30668.3933
CAR-HER2-IFN $\gamma$ -iTREM2	SKAP2	29482.973
CAR-HER2-IFN $\gamma$ -iTREM2	SAMD9L	29451.2363
CAR-HER2-IFN $\gamma$ -iTREM2	RIGI	29420.4267
CAR-HER2-IFN $\gamma$ -iTREM2	DNAJA1	27777.02
CAR-HER2-IFN $\gamma$ -iTREM2	EVL	26344.7267
CAR-HER2-IFN $\gamma$ -iTREM2	ISG20	26000.504
CAR-HER2-IFN $\gamma$ -iTREM2	TRIM21	25889.4067
CAR-HER2-IFN $\gamma$ -iTREM2	CMPK2	25714.9933
CAR-HER2-IFN $\gamma$ -iTREM2	LGALS3BP	25317.1467
CAR-HER2-IFN $\gamma$ -iTREM2	TLR2	23147.96
CAR-HER2-IFN $\gamma$ -iTREM2	NDRG1	22805.9267
CAR-HER2-IFN $\gamma$ -iTREM2	PARP9	22204.4011
CAR-HER2-IFN $\gamma$ -iTREM2	LPCAT2	22000.7667
CAR-HER2-IFN $\gamma$ -iTREM2	PML	21565.1333
CAR-HER2-IFN $\gamma$ -iTREM2	MYOF	21468.4933
CAR-HER2-IFN $\gamma$ -iTREM2	PARP10	19940.3147
CAR-HER2-IFN $\gamma$ -iTREM2	APOBEC3G	19537.122
CAR-HER2-IFN $\gamma$ -iTREM2	RNF181	19385.4288
CAR-HER2-IFN $\gamma$ -iTREM2	ACTN4	19131.3333
CAR-HER2-IFN $\gamma$ -iTREM2	RNF213	18828.1644
CAR-HER2-IFN $\gamma$ -iTREM2	IFIT5	18069.355
CAR-HER2-IFN $\gamma$ -iTREM2	STAT2	17059.68
CAR-HER2-IFN $\gamma$ -iTREM2	TTC39C	16877.0533
CAR-HER2-IFN $\gamma$ -iTREM2	TRPC4AP	16586.5206
CAR-HER2-IFN $\gamma$ -iTREM2	SNX6	16298.5067
CAR-HER2-IFN $\gamma$ -iTREM2	IFIT1	15695.3353
CAR-HER2-IFN $\gamma$ -iTREM2	IFIH1	15302.8469
CAR-HER2-IFN $\gamma$ -iTREM2	SLC2A3	15043.0313
CAR-HER2-IFN $\gamma$ -iTREM2	TRAFD1	14794.1523
CAR-HER2-IFN $\gamma$ -iTREM2	CD40	14616.6167
CAR-HER2-IFN $\gamma$ -iTREM2	GSDMD	14596.6533
CAR-HER2-IFN $\gamma$ -iTREM2	TNFAIP2	14364.2552
CAR-HER2-IFN $\gamma$ -iTREM2	MSR1	14143.2967
CAR-HER2-IFN $\gamma$ -iTREM2	NUB1	14079.2347
CAR-HER2-IFN $\gamma$ -iTREM2	IRF5	13996.164
CAR-HER2-IFN $\gamma$ -iTREM2	XRN1	13725.326
CAR-HER2-IFN $\gamma$ -iTREM2	CCR1	13393.6164
CAR-HER2-IFN $\gamma$ -iTREM2	TXNIP	13286.7513
CAR-HER2-IFN $\gamma$ -iTREM2	OGFR	12943.4933
CAR-HER2-IFN $\gamma$ -iTREM2	HELZ2	12677.5718
CAR-HER2-IFN $\gamma$ -iTREM2	ARFGAP3	12513.0933
CAR-HER2-IFN $\gamma$ -iTREM2	GOLM1	12501.7273
CAR-HER2-IFN $\gamma$ -iTREM2	DTX3L	12137.285

CAR-HER2-IFN $\gamma$ -iTREM2	UBE2J1	12058.2533
CAR-HER2-IFN $\gamma$ -iTREM2	THEMIS2	12031.8867
CAR-HER2-IFN $\gamma$ -iTREM2	KCNJ2	10836.1906
CAR-HER2-IFN $\gamma$ -iTREM2	BTG1	10563.4733
CAR-HER2-IFN $\gamma$ -iTREM2	PAK1	10264.56
CAR-HER2-IFN $\gamma$ -iTREM2	CASP4	10261.3013
CAR-HER2-IFN $\gamma$ -iTREM2	TDO2	9836.5373
CAR-HER2-IFN $\gamma$ -iTREM2	GTPBP1	9699.6067
CAR-HER2-IFN $\gamma$ -iTREM2	MARCKS	9617.6967
CAR-HER2-IFN $\gamma$ -iTREM2	IL1RN	8576.3527
CAR-HER2-IFN $\gamma$ -iTREM2	RHBDF2	8332.5814
CAR-HER2-IFN $\gamma$ -iTREM2	ADAM28	8322.42
CAR-HER2-IFN $\gamma$ -iTREM2	LIPA	7978.78
CAR-HER2-IFN $\gamma$ -iTREM2	SLC30A1	7844.4027
CAR-HER2-IFN $\gamma$ -iTREM2	FBXO6	7828.6833
CAR-HER2-IFN $\gamma$ -iTREM2	MLKL	7678.7305
CAR-HER2-IFN $\gamma$ -iTREM2	GCA	7645.1393
CAR-HER2-IFN $\gamma$ -iTREM2	PRKCD	7634.6067
CAR-HER2-IFN $\gamma$ -iTREM2	NADK	7593.3407
CAR-HER2-IFN $\gamma$ -iTREM2	CBR3	7569.3733
CAR-HER2-IFN $\gamma$ -iTREM2	FYB1	7551.8444
CAR-HER2-IFN $\gamma$ -iTREM2	IRF9	7478.6401
CAR-HER2-IFN $\gamma$ -iTREM2	PLA2G4A	7373.0304
CAR-HER2-IFN $\gamma$ -iTREM2	RIPK2	7265.5513
CAR-HER2-IFN $\gamma$ -iTREM2	PRPS2	7134.02
CAR-HER2-IFN $\gamma$ -iTREM2	PPP1R12A	7029.06
CAR-HER2-IFN $\gamma$ -iTREM2	RNF149	6902.398
CAR-HER2-IFN $\gamma$ -iTREM2	XPNPEP1	6772.1
CAR-HER2-IFN $\gamma$ -iTREM2	XIRP1	6752.3748
CAR-HER2-IFN $\gamma$ -iTREM2	SDS	6625.6193
CAR-HER2-IFN $\gamma$ -iTREM2	CASP10	6568.256
CAR-HER2-IFN $\gamma$ -iTREM2	EML4	6397.5867
CAR-HER2-IFN $\gamma$ -iTREM2	TAPBPL	6240.068
CAR-HER2-IFN $\gamma$ -iTREM2	SP100	6184.792
CAR-HER2-IFN $\gamma$ -iTREM2	SH2B2	6171.5529
CAR-HER2-IFN $\gamma$ -iTREM2	HMOX1	5857.5933
CAR-HER2-IFN $\gamma$ -iTREM2	SEPTIN6	5662.7467
CAR-HER2-IFN $\gamma$ -iTREM2	CYLD	5365.2571
CAR-HER2-IFN $\gamma$ -iTREM2	OASL	5355.3155
CAR-HER2-IFN $\gamma$ -iTREM2	SP110	5354.8666
CAR-HER2-IFN $\gamma$ -iTREM2	OGFRL1	4944.3573
CAR-HER2-IFN $\gamma$ -iTREM2	BTN3A3	4897.2713
CAR-HER2-IFN $\gamma$ -iTREM2	BCAR1	4895.4067
CAR-HER2-IFN $\gamma$ -iTREM2	TTC39B	4844.025

CAR-HER2-IFN $\gamma$ -iTREM2	THTPA	4707.022
CAR-HER2-IFN $\gamma$ -iTREM2	IL4I1	4687.2933
CAR-HER2-IFN $\gamma$ -iTREM2	PANX1	4673.6453
CAR-HER2-IFN $\gamma$ -iTREM2	FBXO7	4650.4841
CAR-HER2-IFN $\gamma$ -iTREM2	ENDOD1	4561.244
CAR-HER2-IFN $\gamma$ -iTREM2	GPAT3	4437.4566
CAR-HER2-IFN $\gamma$ -iTREM2	FAT1	4416.34
CAR-HER2-IFN $\gamma$ -iTREM2	STX11	4338.6438
CAR-HER2-IFN $\gamma$ -iTREM2	ARHGEF11	4261.1153
CAR-HER2-IFN $\gamma$ -iTREM2	DAPP1	4255.7413
CAR-HER2-IFN $\gamma$ -iTREM2	LRRC8C	4247.5133
CAR-HER2-IFN $\gamma$ -iTREM2	ALAS1	3721.2111
CAR-HER2-IFN $\gamma$ -iTREM2	GPT2	3518.592
CAR-HER2-IFN $\gamma$ -iTREM2	CALCOCO2	3490.1847
CAR-HER2-IFN $\gamma$ -iTREM2	SLFN5	3392.9569
CAR-HER2-IFN $\gamma$ -iTREM2	RBCK1	3103.0862
CAR-HER2-IFN $\gamma$ -iTREM2	AGT	2990.6219
CAR-HER2-IFN $\gamma$ -iTREM2	SUCLA2	2963.0
CAR-HER2-IFN $\gamma$ -iTREM2	DPYD	2912.3853
CAR-HER2-IFN $\gamma$ -iTREM2	ARID3A	2880.5387
CAR-HER2-IFN $\gamma$ -iTREM2	PARP12	2596.9074
CAR-HER2-IFN $\gamma$ -iTREM2	SLC35F6	2589.2025
CAR-HER2-IFN $\gamma$ -iTREM2	VRK2	2555.4603
CAR-HER2-IFN $\gamma$ -iTREM2	SLC2A5	2529.7459
CAR-HER2-IFN $\gamma$ -iTREM2	CPSF4	2445.3162
CAR-HER2-IFN $\gamma$ -iTREM2	HCK	2285.2813
CAR-HER2-IFN $\gamma$ -iTREM2	PPP2R5B	2154.5283
CAR-HER2-IFN $\gamma$ -iTREM2	RAB43	2096.4148
CAR-HER2-IFN $\gamma$ -iTREM2	BNIP3L	2089.1215
CAR-HER2-IFN $\gamma$ -iTREM2	MMAA	2044.574
CAR-HER2-IFN $\gamma$ -iTREM2	CCND3	1992.2405
CAR-HER2-IFN $\gamma$ -iTREM2	UBASH3B	1862.0415
CAR-HER2-IFN $\gamma$ -iTREM2	SH3BP2	1825.0833
CAR-HER2-IFN $\gamma$ -iTREM2	RASSF4	1595.8168
CAR-HER2-IFN $\gamma$ -iTREM2	BCL10	1551.0229
CAR-HER2-IFN $\gamma$ -iTREM2	PAPSS2	1439.98
CAR-HER2-IFN $\gamma$ -iTREM2	NCOA7	1390.439
CAR-HER2-IFN $\gamma$ -iTREM2	STAT3	1352.8201
CAR-HER2-IFN $\gamma$ -iTREM2	FAM8A1	1161.322
CAR-HER2-IFN $\gamma$ -iTREM2	SNX8	1143.2307
CAR-HER2-IFN $\gamma$ -iTREM2	MR1	1117.3542
CAR-HER2-IFN $\gamma$ -iTREM2	SLC7A6OS	1079.7307
CAR-HER2-IFN $\gamma$ -iTREM2	EPB41L3	963.344
CAR-HER2-IFN $\gamma$ -iTREM2	CNK3/IPCEF1;IPCEF1	957.18

CAR-HER2-IFN $\gamma$ -iTREM2	RNF121	869.8429
CAR-HER2-IFN $\gamma$ -iTREM2	SNX7	814.6094
CAR-HER2-IFN $\gamma$ -iTREM2	EPB41L2	739.4733
CAR-HER2-IFN $\gamma$ -iTREM2	PLEKHG2	664.9419
CAR-HER2-IFN $\gamma$ -iTREM2	MBLAC2	624.0695
CAR-HER2-IFN $\gamma$ -iTREM2	MICU2	537.2509
CAR-HER2-IFN $\gamma$ -iTREM2	ZFYVE1	518.2488
CAR-HER2-IFN $\gamma$ -iTREM2	TBC1D1	428.2708
CAR-HER2-IFN $\gamma$ -iTREM2	TMEM175	353.6316
CAR-HER2-IFN $\gamma$ -iTREM2	NFIL3	250.6661
CAR-HER2-IFN $\gamma$ -iTREM2	LIMD2	240.2747
CAR-HER2-IFN $\gamma$ -iTREM2	LRRC58	232.7271
CAR-HER2-IFN $\gamma$ -iTREM2	P4HA2	130.2353
CAR-HER2-IFN $\gamma$ -iTREM2	FAM20B	127.1232
CAR-HER2-IFN $\gamma$ -iTREM2	PRKCH	89.4733
CAR-HER2-IFN $\gamma$ -iTREM2	HELZ	84.5276
CAR-HER2-IFN $\gamma$ -iTREM2	ADCY3	58.3526
CAR-HER2-IL4-IL10	TGM2	190329.8267
CAR-HER2-IL4-IL10	PLAU	88417.0333
CAR-HER2-IL4-IL10	F13A1	44607.6426
CAR-HER2-IL4-IL10	APBB1P	32707.96
CAR-HER2-IL4-IL10	SORT1	22213.0533
CAR-HER2-IL4-IL10	PPFIBP1	20090.0133
CAR-HER2-IL4-IL10	MGLL	19206.5667
CAR-HER2-IL4-IL10	PICALM	17722.9733
CAR-HER2-IL4-IL10	AP2A2	16511.8733
CAR-HER2-IL4-IL10	KPNA4	16479.8467
CAR-HER2-IL4-IL10	SYNJ2	15767.2449
CAR-HER2-IL4-IL10	HMOX1	15161.8733
CAR-HER2-IL4-IL10	MAPKAPK3	13910.7667
CAR-HER2-IL4-IL10	LIPA	12882.54
CAR-HER2-IL4-IL10	BTG1	11884.2733
CAR-HER2-IL4-IL10	MMP1	11753.616
CAR-HER2-IL4-IL10	COL6A2	11205.6547
CAR-HER2-IL4-IL10	ITGB3	11033.96
CAR-HER2-IL4-IL10	EPB41L2	10871.9133
CAR-HER2-IL4-IL10	TFRC	10611.1933
CAR-HER2-IL4-IL10	NCALD	9960.6573
CAR-HER2-IL4-IL10	SLC5A3	9842.7433
CAR-HER2-IL4-IL10	S100A9	9821.88
CAR-HER2-IL4-IL10	SLC20A1	9549.0267
CAR-HER2-IL4-IL10	PRKCA	8371.8103
CAR-HER2-IL4-IL10	SLC7A5	8042.9067
CAR-HER2-IL4-IL10	FN1	7348.8467

CAR-HER2-IL4-IL10	QSOX1	7103.02
CAR-HER2-IL4-IL10	PAPSS2	6465.9
CAR-HER2-IL4-IL10	LIMA1	6408.9467
CAR-HER2-IL4-IL10	MGST3	6333.42
CAR-HER2-IL4-IL10	CD163	6092.3887
CAR-HER2-IL4-IL10	IL4I1	5986.9733
CAR-HER2-IL4-IL10	LPL	5862.9533
CAR-HER2-IL4-IL10	LRRC8C	5807.1933
CAR-HER2-IL4-IL10	TESC	5674.488
CAR-HER2-IL4-IL10	MCEMP1	5047.0401
CAR-HER2-IL4-IL10	UBE2J1	5011.9333
CAR-HER2-IL4-IL10	MMP12	4602.8935
CAR-HER2-IL4-IL10	CLUH	4064.04
CAR-HER2-IL4-IL10	TK1	3927.9533
CAR-HER2-IL4-IL10	PLA2G4A	3824.6704
CAR-HER2-IL4-IL10	ANKH	3694.942
CAR-HER2-IL4-IL10	CD109	3350.54
CAR-HER2-IL4-IL10	P4HA2	3294.8153
CAR-HER2-IL4-IL10	PRAG1	3126.5168
CAR-HER2-IL4-IL10	FEN1	3090.2733
CAR-HER2-IL4-IL10	TMEM87A	3050.8773
CAR-HER2-IL4-IL10	CTSL	3020.1
CAR-HER2-IL4-IL10	RRM1	2690.9533
CAR-HER2-IL4-IL10	PRKCH	2505.3142
CAR-HER2-IL4-IL10	CTNNB1	2442.2993
CAR-HER2-IL4-IL10	CDC20	2257.3813
CAR-HER2-IL4-IL10	UCK2	1749.9033
CAR-HER2-IL4-IL10	CYSLTR1	1601.2705
CAR-HER2-IL4-IL10	GCA	1597.0193
CAR-HER2-IL4-IL10	ADCY3	1520.0406
CAR-HER2-IL4-IL10	SLC7A1	1509.9963
CAR-HER2-IL4-IL10	BCL10	1476.8952
CAR-HER2-IL4-IL10	TACC3	1474.5273
CAR-HER2-IL4-IL10	BMP8A	1436.3393
CAR-HER2-IL4-IL10	MMP8	1406.132
CAR-HER2-IL4-IL10	NFIL3	1373.1101
CAR-HER2-IL4-IL10	EPB41L3	1361.628
CAR-HER2-IL4-IL10	ARL8A	1347.4
CAR-HER2-IL4-IL10	XPNPEP1	1339.06
CAR-HER2-IL4-IL10	FAM20B	1310.8967
CAR-HER2-IL4-IL10	DPYD	1276.7053
CAR-HER2-IL4-IL10	CEMIP	1256.174
CAR-HER2-IL4-IL10	SLC29A1	1234.966
CAR-HER2-IL4-IL10	DAG1	1174.8527

CAR-HER2-IL4-IL10	CDK2	1126.4633
CAR-HER2-IL4-IL10	WDHD1	1102.8263
CAR-HER2-IL4-IL10	SLC7A6OS	1084.7587
CAR-HER2-IL4-IL10	PBK	1078.26
CAR-HER2-IL4-IL10	SNX8	1009.0307
CAR-HER2-IL4-IL10	UBE2S	949.6107
CAR-HER2-IL4-IL10	MGMT	826.1187
CAR-HER2-IL4-IL10	TIMP3	813.6647
CAR-HER2-IL4-IL10	CDK4	805.1713
CAR-HER2-IL4-IL10	PPFIBP2	794.6808
CAR-HER2-IL4-IL10	CCND3	780.6805
CAR-HER2-IL4-IL10	ELAC2	679.2133
CAR-HER2-IL4-IL10	CCNB1	663.8295
CAR-HER2-IL4-IL10	KIF11	547.1433
CAR-HER2-IL4-IL10	ARL2BP	473.962
CAR-HER2-IL4-IL10	ADGRL2	443.7227
CAR-HER2-IL4-IL10	PRIM2	428.0557
CAR-HER2-IL4-IL10	DDB2	393.3963
CAR-HER2-IL4-IL10	SATB1	388.9204
CAR-HER2-IL4-IL10	ASF1B	388.2087
CAR-HER2-IL4-IL10	ITM2C	334.8292
CAR-HER2-IL4-IL10	ARID3A	280.1147
CAR-HER2-IL4-IL10	SPRY4	207.7013
CAR-HER2-IL4-IL10	HCK	200.2293
CAR-HER2-IL4-IL10	SNX30	178.4453
CAR-HER2-IL4-IL10	FKBP2	174.2533
CAR-HER2-IL4-IL10	NPM3	164.5047
CAR-HER2-IL4-IL10	MID1IP1	141.727
CAR-HER2-IL4-IL10	PRIM1	79.2096
CAR-HER2-IL4-IL10	DVL2	38.6079
CAR-HER2-IL4-IL10-iTREM2	TGM2	69001.8267
CAR-HER2-IL4-IL10-iTREM2	APBB1IP	54706.76
CAR-HER2-IL4-IL10-iTREM2	PLAU	48724.6333
CAR-HER2-IL4-IL10-iTREM2	PPFIBP1	31577.9733
CAR-HER2-IL4-IL10-iTREM2	F13A1	29758.1626
CAR-HER2-IL4-IL10-iTREM2	SYNJ2	26642.0449
CAR-HER2-IL4-IL10-iTREM2	PICALM	20352.0133
CAR-HER2-IL4-IL10-iTREM2	MMP1	17603.256
CAR-HER2-IL4-IL10-iTREM2	AP2A2	16074.2333
CAR-HER2-IL4-IL10-iTREM2	MGLL	13872.0467
CAR-HER2-IL4-IL10-iTREM2	TFRC	13172.0733
CAR-HER2-IL4-IL10-iTREM2	MAPKAPK3	12700.0067
CAR-HER2-IL4-IL10-iTREM2	KPNA4	12323.1667
CAR-HER2-IL4-IL10-iTREM2	PRKCA	11148.0103

CAR-HER2-IL4-IL10-iTREM2	SORT1	10642.8133
CAR-HER2-IL4-IL10-iTREM2	MMP12	9875.8135
CAR-HER2-IL4-IL10-iTREM2	UBE2J1	9234.0533
CAR-HER2-IL4-IL10-iTREM2	SLC20A1	9101.7467
CAR-HER2-IL4-IL10-iTREM2	SLC5A3	9003.1033
CAR-HER2-IL4-IL10-iTREM2	LIMA1	7863.8267
CAR-HER2-IL4-IL10-iTREM2	QSOX1	5901.14
CAR-HER2-IL4-IL10-iTREM2	MCM3	5892.26
CAR-HER2-IL4-IL10-iTREM2	LPL	5789.9533
CAR-HER2-IL4-IL10-iTREM2	SLC7A5	5490.7067
CAR-HER2-IL4-IL10-iTREM2	CDC20	5385.8933
CAR-HER2-IL4-IL10-iTREM2	CLUH	5125.04
CAR-HER2-IL4-IL10-iTREM2	UCK2	4729.4233
CAR-HER2-IL4-IL10-iTREM2	PRAG1	4520.4368
CAR-HER2-IL4-IL10-iTREM2	ITGB3	4440.4
CAR-HER2-IL4-IL10-iTREM2	MGST3	4184.9
CAR-HER2-IL4-IL10-iTREM2	PRKCH	4078.5862
CAR-HER2-IL4-IL10-iTREM2	CTNNB1	3983.9393
CAR-HER2-IL4-IL10-iTREM2	LRRC8C	3870.9933
CAR-HER2-IL4-IL10-iTREM2	TESC	3697.224
CAR-HER2-IL4-IL10-iTREM2	COL6A2	3579.2547
CAR-HER2-IL4-IL10-iTREM2	EPB41L2	3530.1533
CAR-HER2-IL4-IL10-iTREM2	CCND3	3457.3205
CAR-HER2-IL4-IL10-iTREM2	BMP8A	3399.7393
CAR-HER2-IL4-IL10-iTREM2	LIPA	3290.06
CAR-HER2-IL4-IL10-iTREM2	SNX8	3226.2307
CAR-HER2-IL4-IL10-iTREM2	ADCY3	3171.8686
CAR-HER2-IL4-IL10-iTREM2	CDK4	2981.2113
CAR-HER2-IL4-IL10-iTREM2	NCALD	2913.4173
CAR-HER2-IL4-IL10-iTREM2	TIMP3	2704.6647
CAR-HER2-IL4-IL10-iTREM2	MCEMP1	2558.7201
CAR-HER2-IL4-IL10-iTREM2	TMEM87A	2508.1573
CAR-HER2-IL4-IL10-iTREM2	ANKH	2475.238
CAR-HER2-IL4-IL10-iTREM2	PRKCD	2318.7667
CAR-HER2-IL4-IL10-iTREM2	NFIL3	2305.1941
CAR-HER2-IL4-IL10-iTREM2	CYSLTR1	2249.3105
CAR-HER2-IL4-IL10-iTREM2	ADGRL2	2029.2507
CAR-HER2-IL4-IL10-iTREM2	GLT8D1	1967.7099
CAR-HER2-IL4-IL10-iTREM2	SNX30	1955.4853
CAR-HER2-IL4-IL10-iTREM2	KIFC1	1905.7189
CAR-HER2-IL4-IL10-iTREM2	PAPSS2	1849.86
CAR-HER2-IL4-IL10-iTREM2	ARL2BP	1734.282
CAR-HER2-IL4-IL10-iTREM2	DIMT1	1727.14
CAR-HER2-IL4-IL10-iTREM2	TTC39B	1616.345

CAR-HER2-IL4-IL10-iTREM2	HMOX1	1581.0733
CAR-HER2-IL4-IL10-iTREM2	MMP8	1520.364
CAR-HER2-IL4-IL10-iTREM2	CDK2	1502.7833
CAR-HER2-IL4-IL10-iTREM2	UBE2S	1477.3627
CAR-HER2-IL4-IL10-iTREM2	P4HA2	1461.8953
CAR-HER2-IL4-IL10-iTREM2	FAM20B	1431.9367
CAR-HER2-IL4-IL10-iTREM2	PRKCI	1430.5829
CAR-HER2-IL4-IL10-iTREM2	MID1IP1	1393.827
CAR-HER2-IL4-IL10-iTREM2	GNA11	1324.6964
CAR-HER2-IL4-IL10-iTREM2	CPSF4	1277.344
CAR-HER2-IL4-IL10-iTREM2	POM121C	1218.8237
CAR-HER2-IL4-IL10-iTREM2	UHRF1	1203.6767
CAR-HER2-IL4-IL10-iTREM2	TANGO6	1196.1717
CAR-HER2-IL4-IL10-iTREM2	TOP2A	1100.4493
CAR-HER2-IL4-IL10-iTREM2	SZT2	1085.492
CAR-HER2-IL4-IL10-iTREM2	HELZ	966.5676
CAR-HER2-IL4-IL10-iTREM2	SATB1	949.3884
CAR-HER2-IL4-IL10-iTREM2	EML4	947.3867
CAR-HER2-IL4-IL10-iTREM2	MTG1	878.4933
CAR-HER2-IL4-IL10-iTREM2	TYMS	791.6357
CAR-HER2-IL4-IL10-iTREM2	CEMIP	761.034
CAR-HER2-IL4-IL10-iTREM2	CLEC11A	726.2993
CAR-HER2-IL4-IL10-iTREM2	DDB2	663.9243
CAR-HER2-IL4-IL10-iTREM2	PPFIBP2	657.2048
CAR-HER2-IL4-IL10-iTREM2	MGMT	598.7267
CAR-HER2-IL4-IL10-iTREM2	GPAT3	590.3366
CAR-HER2-IL4-IL10-iTREM2	PRIM2	569.2037
CAR-HER2-IL4-IL10-iTREM2	NT5DC1	551.728
CAR-HER2-IL4-IL10-iTREM2	ELAC2	499.9333
CAR-HER2-IL4-IL10-iTREM2	SLC35F6	476.6105
CAR-HER2-IL4-IL10-iTREM2	PBK	432.928
CAR-HER2-IL4-IL10-iTREM2	PLEKHG2	405.7739
CAR-HER2-IL4-IL10-iTREM2	TK1	356.4333
CAR-HER2-IL4-IL10-iTREM2	KANK2	316.3341
CAR-HER2-IL4-IL10-iTREM2	RRM2	314.218
CAR-HER2-IL4-IL10-iTREM2	LRRC58	297.7791
CAR-HER2-IL4-IL10-iTREM2	TMEM175	260.5284
CAR-HER2-IL4-IL10-iTREM2	RNF121	236.2682
CAR-HER2-IL4-IL10-iTREM2	IL4I1	215.2133
CAR-HER2-IL4-IL10-iTREM2	SLC7A1	197.6523
CAR-HER2-IL4-IL10-iTREM2	ZFYVE1	180.7968
CAR-HER2-IL4-IL10-iTREM2	TRIM4	151.1388
CAR-HER2-IL4-IL10-iTREM2	SNX7	145.7811
CAR-HER2-IL4-IL10-iTREM2	WDHD1	106.0103

CAR-HER2-IL4-IL10-ITREM2	ASF1B	90.3287
CAR-HER2-IL4-IL10-ITREM2	DUSP4	43.1589
CAR-HER2-IL4-IL10-ITREM2	MICU2	34.6429
CAR-HER2-IL4-IL10-ITREM2	KIF11	26.5113
CAR-HER2-IL4-IL10-ITREM2	MMAA	22.102
CAR-HER2-IL4-IL10-ITREM2	SPRY4	6.0173
CAR-HER2-IL4-IL10-ITREM2	EPB41L3	1.908
CAR-HER2-ITREM2	ACTN4	122695.3333
CAR-HER2-ITREM2	HLA-A	55820.0667
CAR-HER2-ITREM2	TFRC	53448.4333
CAR-HER2-ITREM2	ILF2	38191.9333
CAR-HER2-ITREM2	TK1	37012.9133
CAR-HER2-ITREM2	MCM3	29737.26
CAR-HER2-ITREM2	CD109	22710.9
CAR-HER2-ITREM2	MGST3	18983.34
CAR-HER2-ITREM2	RRM2	15260.738
CAR-HER2-ITREM2	FEN1	11918.1533
CAR-HER2-ITREM2	GRWD1	11872.8
CAR-HER2-ITREM2	FN1	10997.6467
CAR-HER2-ITREM2	MKI67	10042.7927
CAR-HER2-ITREM2	TOP2A	9824.3973
CAR-HER2-ITREM2	RRM1	9639.1933
CAR-HER2-ITREM2	UHRF1	8630.8767
CAR-HER2-ITREM2	ARL8A	8328.2
CAR-HER2-ITREM2	ASF1B	8326.1687
CAR-HER2-ITREM2	CDC20	7494.9333
CAR-HER2-ITREM2	PDCD4	7212.3653
CAR-HER2-ITREM2	TACC3	6979.9753
CAR-HER2-ITREM2	LIG1	6648.9533
CAR-HER2-ITREM2	MAD2L1	6326.7973
CAR-HER2-ITREM2	KANK2	5794.9741
CAR-HER2-ITREM2	DUT	5603.71
CAR-HER2-ITREM2	CLUH	5353.0
CAR-HER2-ITREM2	KIF11	4917.7193
CAR-HER2-ITREM2	SUCLA2	4755.88
CAR-HER2-ITREM2	ARL2BP	4727.202
CAR-HER2-ITREM2	CDK2	4487.7033
CAR-HER2-ITREM2	TYMS	4354.9917
CAR-HER2-ITREM2	WDHD1	4140.7773
CAR-HER2-ITREM2	CNK3/IPCEF1;IPCEF1	4126.18
CAR-HER2-ITREM2	APOBEC3B	3914.8216
CAR-HER2-ITREM2	PLXNB2	3568.7933
CAR-HER2-ITREM2	CD14	3345.6667
CAR-HER2-ITREM2	DIMT1	3225.464

CAR-HER2-ITREM2	SLC29A1	3058.17
CAR-HER2-ITREM2	UBE2S	3057.8707
CAR-HER2-ITREM2	KPNA4	3022.1667
CAR-HER2-ITREM2	UCK2	2973.7033
CAR-HER2-ITREM2	TIMP3	2971.5847
CAR-HER2-ITREM2	KIFC1	2962.5189
CAR-HER2-ITREM2	CCNB1	2755.7775
CAR-HER2-ITREM2	MBLAC2	2630.4975
CAR-HER2-ITREM2	CLEC11A	2519.0873
CAR-HER2-ITREM2	PBK	2360.736
CAR-HER2-ITREM2	CPSF4	2343.944
CAR-HER2-ITREM2	ITM2C	2319.1932
CAR-HER2-ITREM2	SP100	2099.472
CAR-HER2-ITREM2	NT5DC1	2033.592
CAR-HER2-ITREM2	SEPTIN6	1848.5067
CAR-HER2-ITREM2	SLC7A5	1794.3467
CAR-HER2-ITREM2	POM121C	1725.1267
CAR-HER2-ITREM2	CDK4	1604.7313
CAR-HER2-ITREM2	DDB2	1537.4483
CAR-HER2-ITREM2	QSOX1	1457.82
CAR-HER2-ITREM2	MGMT	1387.9947
CAR-HER2-ITREM2	ADGRL2	1191.6307
CAR-HER2-ITREM2	PRIM2	1092.3357
CAR-HER2-ITREM2	CALCOCO2	968.5287
CAR-HER2-ITREM2	DAG1	951.8287
CAR-HER2-ITREM2	ELAC2	948.2133
CAR-HER2-ITREM2	FAT1	947.116
CAR-HER2-ITREM2	ANKH	892.226
CAR-HER2-ITREM2	PRPS2	827.38
CAR-HER2-ITREM2	UBASH3B	824.8991
CAR-HER2-ITREM2	PRIM1	814.1256
CAR-HER2-ITREM2	SLC7A6OS	781.7107
CAR-HER2-ITREM2	BNIP3L	767.4295
CAR-HER2-ITREM2	GNA11	672.0004
CAR-HER2-ITREM2	SLC7A1	642.0603
CAR-HER2-ITREM2	NPM3	563.1767
CAR-HER2-ITREM2	LIMD2	479.5307
CAR-HER2-ITREM2	STAT3	461.8961
CAR-HER2-ITREM2	SNX30	410.1653
CAR-HER2-ITREM2	TANGO6	392.1763
CAR-HER2-ITREM2	GLT8D1	386.7619
CAR-HER2-ITREM2	MR1	367.7854
CAR-HER2-ITREM2	HELZ	127.0516
CAR-HER2-ITREM2	BCL10	126.5692

CAR-HER2-ITREM2	BCAM	71.3748
CAR-HER2-ITREM2	CD163	67.8887
CAR-HER2-ITREM2	LRRC58	43.7511