

symbol	control	Bevacizumab	siJMJD1A+Bevacizumab	Bevacizumab/control	siJMJD1A+Bevacizumab/control
A2LD1	52.62	74.03	3.09	1.41	0.06
A2M	110.40	63.49	24.25	0.58	0.22
ABCA17P	53.07	69.72	11.18	1.31	0.21
ABCB8	54.17	69.69	6.31	1.29	0.12
ABCC13	100.87	50.91	6.37	0.50	0.06
ABCD1	109.65	84.83	12.97	0.77	0.12
ABHD11	75.05	34.19	17.01	0.46	0.23
ABHD8	53.91	80.20	7.78	1.49	0.14
ABLIM3	73.07	53.88	7.03	0.74	0.10
ABO	181.98	100.84	23.83	0.55	0.13
ACAP1	119.20	112.54	10.91	0.94	0.09
ACTA1	226.92	91.05	13.08	0.40	0.06
ACTC1	191.70	104.45	31.93	0.54	0.17
ADAMTS12	107.36	38.29	4.15	0.36	0.04
ADAMTS3	60.50	43.05	14.24	0.71	0.24
ADAP2	92.08	101.80	19.06	1.11	0.21
ADCY1	68.18	103.89	9.98	1.52	0.15
ADCY5	101.72	35.98	20.64	0.35	0.20
ADIG	103.87	113.38	18.88	1.09	0.18
ADM2	187.35	104.26	23.84	0.56	0.13
ADRBK1	161.19	65.67	10.01	0.41	0.06
ADRBK2	73.46	119.99	8.04	1.63	0.11
ADSSL1	183.86	62.69	16.24	0.34	0.09
AGPHD1	58.86	24.94	4.42	0.42	0.08
AGTR2	116.95	63.97	22.09	0.55	0.19
AHNAK2	128.91	32.61	5.14	0.25	0.04
AKAP8L	143.90	43.47	18.57	0.30	0.13
ALB	56.37	30.69	0.00	0.54	0.00
ALDH1L2	68.66	66.94	3.42	0.97	0.05
ALDH3B1	238.93	80.81	7.59	0.34	0.03
ALDOAP2	70.87	67.35	7.55	0.95	0.11
ALG1	209.48	110.90	18.88	0.53	0.09
AMOTL1	102.17	292.64	20.70	2.86	0.20
ANKMY1	99.01	77.70	13.09	0.78	0.13
ANKRD1	72.75	34.12	16.04	0.47	0.22
ANO7	53.77	42.74	6.47	0.79	0.12
ANO9	72.08	107.22	11.00	1.49	0.15
APBB2	128.49	80.72	20.11	0.63	0.16
AQP11	110.82	93.59	22.51	0.84	0.20
ARHGAP9	119.16	67.49	12.89	0.57	0.11
ARHGEF10L	77.59	122.41	0.00	1.58	0.00
ARHGEF19	106.05	124.72	19.28	1.18	0.18
ARHGEF37	148.49	64.31	18.16	0.43	0.12
ARHGEF5	243.27	148.43	51.37	0.61	0.21
ARID3B	57.68	265.04	9.66	4.59	0.17
ARSB	59.88	70.02	11.44	1.17	0.19
ASXL3	101.51	59.59	5.13	0.59	0.05
ATG9B	106.49	89.33	13.23	0.84	0.12
ATOH1	64.12	40.84	2.23	0.64	0.03
ATP2A3	64.01	41.01	7.76	0.64	0.12
ATRNL1	88.53	52.42	4.67	0.59	0.05
ATXN1	200.03	81.21	47.50	0.41	0.24
AVPR1A	110.26	57.57	5.83	0.52	0.05
B4GALT7	107.11	74.87	7.18	0.70	0.07
BAP1	463.54	483.74	81.89	1.04	0.18
BASE	67.36	20.67	11.82	0.31	0.18
BCL2L10	85.17	77.12	7.26	0.91	0.09
BCL6B	161.18	68.16	16.96	0.42	0.11
BDNF-AS	52.28	28.67	4.49	0.55	0.09
BEND4	50.74	33.59	4.19	0.66	0.08

BEST2	65.72	17.09	9.01	0.26	0.14
BTBD19	100.81	36.53	12.55	0.36	0.12
C10orf103	114.00	113.09	14.30	0.99	0.13
C10orf128	76.22	61.14	0.00	0.80	0.00
C10orf62	60.47	37.37	3.74	0.62	0.06
C12orf33	51.67	61.35	12.25	1.19	0.24
C14orf139	139.54	66.92	15.63	0.48	0.11
C14orf180	61.16	21.83	15.07	0.36	0.25
C15orf38	81.06	78.19	10.00	0.96	0.12
C15orf55	59.65	19.06	8.74	0.32	0.15
C19orf21	180.17	127.84	24.67	0.71	0.14
C19orf51	87.00	55.75	13.33	0.64	0.15
C19orf68	133.53	62.09	14.79	0.47	0.11
C1orf190	131.52	141.24	23.87	1.07	0.18
C1orf230	65.52	71.98	0.52	1.10	0.01
C1orf89	77.41	89.89	6.26	1.16	0.08
C1orf95	58.76	26.27	6.66	0.45	0.11
C20orf27	176.73	181.69	24.06	1.03	0.14
C20orf62	95.83	57.66	11.91	0.60	0.12
C21orf15	58.83	18.88	9.52	0.32	0.16
C21orf29	173.64	81.86	17.01	0.47	0.10
C21orf58	180.00	100.89	15.62	0.56	0.09
C21orf70	158.00	212.01	9.68	1.34	0.06
C21orf88	136.55	64.56	13.58	0.47	0.10
C22orf23	65.14	108.54	12.85	1.67	0.20
C2orf54	87.11	81.87	17.46	0.94	0.20
C2orf70	61.53	22.75	13.44	0.37	0.22
C2orf73	58.13	49.65	3.01	0.85	0.05
C2orf82	57.43	32.25	6.20	0.56	0.11
C3orf36	73.25	22.40	11.96	0.31	0.16
C3orf57	64.98	46.32	5.51	0.71	0.08
C4orf10	150.59	107.52	7.93	0.71	0.05
C4orf38	128.24	70.65	20.06	0.55	0.16
C4orf42	72.40	21.47	7.68	0.30	0.11
C5orf40	68.83	72.38	0.26	1.05	0.00
C6orf146	54.26	80.02	10.79	1.47	0.20
C6orf97	57.50	38.08	9.68	0.66	0.17
C7orf45	78.51	53.61	13.65	0.68	0.17
C8orf83	108.93	42.98	8.67	0.39	0.08
C9orf173	85.78	37.72	20.19	0.44	0.24
C9orf24	58.14	47.51	7.85	0.82	0.13
C9orf41	77.73	44.82	10.16	0.58	0.13
C9orf84	80.51	69.02	2.64	0.86	0.03
CA3	66.50	24.26	1.42	0.36	0.02
CA5B	149.37	47.86	9.35	0.32	0.06
CABLES1	101.53	131.53	10.41	1.30	0.10
CALCA	125.01	69.13	27.96	0.55	0.22
CAPN5	87.26	84.24	6.99	0.97	0.08
CASKIN2	141.36	129.66	17.29	0.92	0.12
CASP14L	59.25	15.90	13.53	0.27	0.23
CASP5	105.14	40.68	5.92	0.39	0.06
CASQ1	74.35	20.90	7.69	0.28	0.10
CBL	174.45	47.50	28.89	0.27	0.17
CCDC110	79.84	32.39	0.00	0.41	0.00
CCDC141	51.42	52.32	2.46	1.02	0.05
CCDC147	108.65	96.47	4.82	0.89	0.04
CCDC153	100.77	38.08	4.96	0.38	0.05
CCDC30	135.64	81.12	16.90	0.60	0.12
CCDC37	130.31	60.39	28.17	0.46	0.22
CCDC45	165.71	50.77	12.99	0.31	0.08
CCDC54	58.72	80.62	4.30	1.37	0.07
CCDC87	64.78	98.95	7.03	1.53	0.11
CCL21	77.47	36.16	2.66	0.47	0.03
CCR10	54.19	31.59	4.65	0.58	0.09
CD177	63.62	24.58	6.76	0.39	0.11
CD1A	109.40	44.10	23.50	0.40	0.21
CD200R1	63.93	87.06	9.62	1.36	0.15
CD244	54.09	41.94	2.66	0.78	0.05
CD44	55.66	84.58	0.00	1.52	0.00
CD70	165.13	179.75	32.99	1.09	0.20
CD74	50.67	22.64	5.78	0.45	0.11
CDRT1	54.95	14.73	0.49	0.27	0.01
CEND1	104.43	109.37	17.11	1.05	0.16

CFB	102.06	50.00	0.00	0.49	0.00
CFTR	62.94	22.17	0.00	0.35	0.00
CHAT	69.10	79.28	0.00	1.15	0.00
CHD5	61.18	19.33	12.29	0.32	0.20
CHIA	67.80	37.06	11.48	0.55	0.17
CHMP6	212.46	116.58	16.78	0.55	0.08
CHRD	123.52	43.76	7.95	0.35	0.06
CHRNA3	54.60	62.84	5.63	1.15	0.10
CHRNE	66.72	28.67	11.78	0.43	0.18
CHST13	81.94	62.92	15.71	0.77	0.19
CIITA	127.38	100.86	7.97	0.79	0.06
CITED1	102.90	64.61	9.74	0.63	0.09
CLDN14	98.24	52.40	10.37	0.53	0.11
CLDN6	67.32	65.64	16.73	0.98	0.25
CLDN7	56.24	62.10	9.89	1.10	0.18
CLEC2L	109.84	81.72	14.76	0.74	0.13
CLEC4D	73.68	23.32	4.94	0.32	0.07
CLUU1	65.96	17.29	11.15	0.26	0.17
CMAH	72.58	72.77	9.92	1.00	0.14
CMKLR1	101.18	86.76	13.83	0.86	0.14
CNOT3	69.63	56.22	3.42	0.81	0.05
COBLL1	63.02	24.08	13.17	0.38	0.21
COL11A1	78.00	41.61	14.30	0.53	0.18
COL13A1	114.84	111.58	10.96	0.97	0.10
COL14A1	55.95	45.91	2.66	0.82	0.05
COL2A1	93.32	94.40	21.70	1.01	0.23
COL6A2	171.58	103.75	31.62	0.60	0.18
COP22	83.78	104.95	15.83	1.25	0.19
COX6A1P2	103.25	130.26	8.23	1.26	0.08
CPA3	120.09	46.12	3.70	0.38	0.03
CR1	90.20	113.61	12.26	1.26	0.14
CREB3L1	89.20	32.15	9.43	0.36	0.11
CRHR1	116.49	60.21	3.42	0.52	0.03
CSF2	66.75	85.90	10.26	1.29	0.15
CSF2RA	120.09	35.23	3.06	0.29	0.03
CSPG4	61.18	17.22	3.53	0.28	0.06
CST1	54.07	43.13	5.06	0.80	0.09
CSTT	70.25	18.62	4.33	0.27	0.06
CTAGE1	95.24	31.43	18.95	0.33	0.20
CTNND2	115.45	35.02	4.74	0.30	0.04
CX3CR1	67.18	32.06	15.77	0.48	0.23
CXCL16	83.55	69.83	3.46	0.84	0.04
CXCR7	102.57	26.21	4.36	0.26	0.04
CYB5RL	52.40	78.12	9.30	1.49	0.18
CYorf15B	92.43	24.95	12.27	0.27	0.13
CYP2C8	68.37	58.48	10.32	0.86	0.15
CYP2D6	149.98	103.55	12.55	0.69	0.08
CYP3A43	120.04	79.70	13.74	0.66	0.11
CYP4Z1	55.12	40.93	1.77	0.74	0.03
D21S2088E	148.88	136.89	12.48	0.92	0.08
DBP	91.95	58.30	1.08	0.63	0.01
DCT	86.97	86.61	19.42	1.00	0.22
DEFB126	102.97	115.53	7.60	1.12	0.07
DENND1C	100.21	49.94	7.97	0.50	0.08
DERL3	104.49	58.55	15.44	0.56	0.15
DGCR5	71.34	29.97	6.00	0.42	0.08
DHRS9	85.06	82.32	7.98	0.97	0.09
DIRAS2	73.89	40.06	2.14	0.54	0.03
DKFZp451A211	76.49	82.41	15.07	1.08	0.20
DKFZP761C1711	53.08	42.94	0.00	0.81	0.00
DLL4	121.27	65.96	7.05	0.54	0.06
DNAH1	89.84	46.13	18.75	0.51	0.21
DNAH10	69.65	55.23	7.71	0.79	0.11
DNAH14	74.95	33.97	5.82	0.45	0.08
DNAI2	96.45	28.39	0.00	0.29	0.00
DNAJB8	64.06	84.97	14.93	1.33	0.23
DOCK6	118.41	100.33	1.37	0.85	0.01
DPY19L2P3	61.40	52.66	6.06	0.86	0.10
DSCR8	53.13	40.11	5.74	0.75	0.11
DTX2	91.86	100.11	15.89	1.09	0.17
DUOX1	80.44	109.64	4.04	1.36	0.05
DYRK1B	99.89	161.07	13.43	1.61	0.13
DYSF	170.27	91.51	14.85	0.54	0.09

EDN1	95.55	38.18	8.31	0.40	0.09
EEPD1	106.94	36.74	8.79	0.34	0.08
EFCAB1	62.90	36.23	3.94	0.58	0.06
EFNB2	90.41	35.64	3.40	0.39	0.04
EIF4E3	152.81	92.95	5.13	0.61	0.03
ELAVL4	112.40	81.25	11.76	0.72	0.10
ELMO1	61.88	76.26	15.03	1.23	0.24
EMID2	103.15	28.59	7.39	0.28	0.07
EML3	161.13	133.62	27.55	0.83	0.17
EMR3	89.71	25.49	9.89	0.28	0.11
EPAG	99.51	28.49	10.36	0.29	0.10
EPHB1	92.29	95.53	14.83	1.04	0.16
EPHX1	107.40	33.33	1.51	0.31	0.01
ESPN	97.14	33.39	9.49	0.34	0.10
ESR1	110.32	119.28	10.25	1.08	0.09
ETNK2	115.84	144.05	8.25	1.24	0.07
ETV4	204.90	57.51	23.39	0.28	0.11
EXTL3	192.52	96.69	39.55	0.50	0.21
FAIM2	135.69	73.20	21.31	0.54	0.16
FAM124A	99.68	91.68	11.40	0.92	0.11
FAM13AOS	66.28	60.02	4.24	0.91	0.06
FAM165B	129.79	125.73	1.69	0.97	0.01
FAM182A	114.41	87.37	11.36	0.76	0.10
FAM18B2	211.13	129.05	26.64	0.61	0.13
FAM70B	57.80	32.95	7.40	0.57	0.13
FAM84A	66.79	49.75	13.39	0.74	0.20
FBXO41	166.82	94.48	27.80	0.57	0.17
FCER2	50.58	60.26	10.11	1.19	0.20
FCGR2B	138.26	69.82	33.20	0.50	0.24
FCHO1	84.52	137.08	20.75	1.62	0.25
FCN2	133.62	40.49	7.43	0.30	0.06
FCRLA	75.11	46.33	1.43	0.62	0.02
FEZ1	66.01	94.40	4.98	1.43	0.08
FGB	60.51	22.51	1.21	0.37	0.02
FGD2	104.90	31.92	20.61	0.30	0.20
FGF10	75.23	38.05	11.97	0.51	0.16
FGF16	61.72	36.68	0.95	0.59	0.02
FGF18	126.45	118.48	29.95	0.94	0.24
FGF19	54.01	16.17	5.25	0.30	0.10
FGF2	249.90	189.84	39.12	0.76	0.16
FHIT	54.56	38.49	7.93	0.71	0.15
FITM2	55.48	161.08	10.75	2.90	0.19
FLJ21408	152.41	94.03	36.47	0.62	0.24
FLJ32063	72.80	39.43	0.00	0.54	0.00
FLJ33534	78.69	73.37	8.56	0.93	0.11
FLJ39582	82.97	117.67	18.57	1.42	0.22
FLJ39632	97.54	94.46	17.97	0.97	0.18
FLJ41757	84.19	95.64	1.41	1.14	0.02
FLT3LG	101.43	27.78	10.35	0.27	0.10
FMNL1	133.74	58.14	23.91	0.43	0.18
FOSL2	63.58	20.50	12.99	0.32	0.20
FOXA2	60.55	86.55	11.58	1.43	0.19
FOXC2	81.31	48.34	12.24	0.59	0.15
FOXD1	87.29	84.87	18.47	0.97	0.21
FOXD4	92.57	80.13	3.68	0.87	0.04
FRMPD3	97.76	89.52	16.44	0.92	0.17
FUT2	111.78	72.57	18.32	0.65	0.16
FYB	129.96	66.60	24.69	0.51	0.19
GALNT10	231.21	137.02	15.34	0.59	0.07
GALNT3	82.05	85.92	8.19	1.05	0.10
GAS2L2	84.45	66.37	6.87	0.79	0.08
GDF10	180.70	104.63	11.03	0.58	0.06
GEMC1	104.06	59.37	9.83	0.57	0.09
GGN	72.95	45.70	6.96	0.63	0.10
GH2	60.97	15.54	0.95	0.25	0.02
GLRA3	84.75	46.95	7.94	0.55	0.09
GLYAT	67.87	24.60	10.88	0.36	0.16
GLYATL1	99.11	86.16	20.64	0.87	0.21
GNG13	59.49	34.91	9.69	0.59	0.16
GPLD1	88.69	94.12	10.77	1.06	0.12
GPR110	115.89	45.53	10.21	0.39	0.09
GPR171	53.18	19.41	0.48	0.36	0.01
GPR26	109.16	28.05	22.68	0.26	0.21

GPR44	112.91	33.48	26.72	0.30	0.24
GPR55	54.58	26.89	3.94	0.49	0.07
GPR56	58.85	52.13	3.00	0.89	0.05
GPRC6A	94.47	55.04	8.63	0.58	0.09
GPX5	94.43	25.80	0.00	0.27	0.00
GRM5	117.67	43.23	29.19	0.37	0.25
GSX1	53.05	16.40	2.04	0.31	0.04
H1FOO	55.74	14.10	3.66	0.25	0.07
HBQ1	85.04	56.10	2.46	0.66	0.03
HDAC10	99.67	75.90	20.55	0.76	0.21
HDAC7	93.25	79.04	15.34	0.85	0.16
HERV-V1	152.41	65.01	16.43	0.43	0.11
HGFAC	77.68	27.33	2.75	0.35	0.04
HIPK4	171.21	103.09	35.37	0.60	0.21
HIST1H3I	64.53	59.98	0.59	0.93	0.01
HIST1H4L	81.09	49.84	1.41	0.61	0.02
HLA-F	230.93	109.45	18.48	0.47	0.08
HLA-J	230.93	109.45	18.48	0.47	0.08
HLCS	136.03	114.89	23.29	0.84	0.17
HOMEZ	53.58	45.86	3.19	0.86	0.06
HPSE2	71.74	44.00	0.00	0.61	0.00
HSPC081	58.68	49.17	4.49	0.84	0.08
HTR1A	59.78	32.02	11.81	0.54	0.20
IAPP	56.34	30.78	1.81	0.55	0.03
IBSP	75.83	38.35	7.91	0.51	0.10
IDH3G	286.27	298.28	4.00	1.04	0.01
IDO2	56.67	51.65	1.51	0.91	0.03
IFNA1	105.07	60.19	6.03	0.57	0.06
IFNA13	105.07	60.19	6.03	0.57	0.06
IFNA17	107.31	103.43	3.72	0.96	0.03
IGF2	109.69	48.41	4.11	0.44	0.04
IGFL2	60.09	15.36	3.59	0.26	0.06
IGFN1	71.48	47.44	9.44	0.66	0.13
IGHG2	98.89	65.34	11.66	0.66	0.12
IGHV3OR16-14	91.36	78.27	9.36	0.86	0.10
IGSF1	83.94	31.68	0.00	0.38	0.00
IKZF4	173.98	67.07	12.67	0.39	0.07
IL12RB1	134.58	89.88	11.13	0.67	0.08
IL1RN	51.70	14.19	6.54	0.27	0.13
IL20	67.44	48.74	2.38	0.72	0.04
IL21R	90.93	88.51	9.71	0.97	0.11
IL24	61.33	85.97	6.09	1.40	0.10
IL4I1	53.67	71.98	6.27	1.34	0.12
INPP5B	152.49	50.60	13.19	0.33	0.09
INS-IGF2	109.69	48.41	4.11	0.44	0.04
ISX	66.97	73.59	2.43	1.10	0.04
ITPR2	97.41	39.98	11.14	0.41	0.11
JMJD5	86.82	68.22	13.44	0.79	0.15
KCNB2	107.46	34.12	15.52	0.32	0.14
KCNC1	100.03	44.18	12.72	0.44	0.13
KCND1	90.63	105.48	12.69	1.16	0.14
KCNF1	82.34	24.86	18.32	0.30	0.22
KCNJ15	195.87	156.62	20.07	0.80	0.10
KCNJ18	71.05	43.75	1.32	0.62	0.02
KCNJ4	76.44	21.09	4.79	0.28	0.06
KCNK15	64.11	46.78	0.00	0.73	0.00
KCNK16	95.89	24.19	18.33	0.25	0.19
KCP	87.67	83.01	16.00	0.95	0.18
KHDRBS3	122.80	123.02	10.88	1.00	0.09
KIAA0090	124.72	121.93	0.00	0.98	0.00
KIAA0513	54.28	125.64	2.38	2.31	0.04
KIAA0664L3	124.31	50.95	4.36	0.41	0.04
KIAA0748	147.79	114.23	31.86	0.77	0.22
KIAA1654	116.40	44.60	12.44	0.38	0.11
KIAA1671	111.22	43.72	21.07	0.39	0.19
KILLIN	146.10	86.59	27.02	0.59	0.18
KLF16	74.97	137.35	8.26	1.83	0.11
KLHL1	58.71	51.92	10.75	0.88	0.18
KLK1	117.48	181.13	24.06	1.54	0.20
KLK15	81.00	39.14	19.46	0.48	0.24
KLRC4	61.13	31.64	4.59	0.52	0.08
KLRD1	58.34	84.30	5.06	1.44	0.09
KLRG2	113.42	88.02	1.61	0.78	0.01

KRT7	141.60	82.73	19.26	0.58	0.14
KRT79	58.26	36.25	2.36	0.62	0.04
KRT85	120.36	49.82	2.83	0.41	0.02
KRT86	85.07	76.98	3.18	0.90	0.04
KRTCAP3	114.83	70.51	24.45	0.61	0.21
LAIR1	69.31	56.24	16.87	0.81	0.24
LAMB2P1	77.94	63.59	11.44	0.82	0.15
LCA5L	82.37	62.06	3.64	0.75	0.04
LCN1	52.12	26.00	1.95	0.50	0.04
LDHC	100.05	123.92	5.20	1.24	0.05
LEFTY1	107.12	43.86	17.57	0.41	0.16
LENEP	66.07	40.88	6.79	0.62	0.10
LGR6	116.14	58.06	9.47	0.50	0.08
LHPP	141.84	97.33	28.92	0.69	0.20
LILRA2	75.13	22.70	5.31	0.30	0.07
LILRP2	57.84	46.76	10.73	0.81	0.19
LIPE	89.41	36.92	8.45	0.41	0.09
LMO7	95.22	49.34	10.04	0.52	0.11
LOC100009676	156.67	101.46	13.67	0.65	0.09
LOC100128840	141.42	76.20	25.63	0.54	0.18
LOC100129122	53.28	114.12	8.24	2.14	0.15
LOC100129436	73.88	38.00	0.00	0.51	0.00
LOC100130502	85.78	93.14	5.61	1.09	0.07
LOC100130654	70.14	68.49	0.00	0.98	0.00
LOC100130950	109.43	139.38	11.69	1.27	0.11
LOC100131283	67.60	38.66	6.84	0.57	0.10
LOC100131303	85.40	36.99	6.26	0.43	0.07
LOC100131642	57.88	53.74	6.98	0.93	0.12
LOC100131864	167.14	44.41	10.54	0.27	0.06
LOC100132731	67.27	23.88	15.91	0.35	0.24
LOC100132815	64.28	55.02	0.12	0.86	0.00
LOC100272228	100.20	30.10	4.68	0.30	0.05
LOC100286925	90.59	111.30	17.30	1.23	0.19
LOC100287105	83.27	68.68	6.11	0.82	0.07
LOC100287216	56.75	51.18	3.55	0.90	0.06
LOC100288104	131.93	51.32	7.11	0.39	0.05
LOC100288194	58.06	14.53	3.62	0.25	0.06
LOC100288413	64.37	40.96	12.77	0.64	0.20
LOC100288860	100.47	108.45	6.19	1.08	0.06
LOC100289109	60.10	51.62	10.17	0.86	0.17
LOC100289294	141.06	98.14	32.66	0.70	0.23
LOC100290070	71.05	43.75	1.32	0.62	0.02
LOC100294020	81.10	36.55	0.20	0.45	0.00
LOC100294362	66.74	55.68	15.91	0.83	0.24
LOC100422781	135.13	65.47	10.15	0.48	0.08
LOC100499489	78.87	33.29	9.69	0.42	0.12
LOC100505470	78.59	115.18	11.44	1.47	0.15
LOC100505498	70.29	55.77	17.20	0.79	0.24
LOC100505808	112.46	122.50	22.05	1.09	0.20
LOC100505903	51.44	46.56	2.31	0.91	0.04
LOC100505986	114.14	42.35	12.08	0.37	0.11
LOC100506034	53.16	30.98	11.01	0.58	0.21
LOC100506235	59.70	27.09	14.49	0.45	0.24
LOC100506259	105.50	68.63	6.66	0.65	0.06
LOC100506267	130.72	54.29	0.45	0.42	0.00
LOC100506288	96.15	45.97	11.21	0.48	0.12
LOC100506319	104.58	32.22	21.06	0.31	0.20
LOC100506357	55.48	70.46	4.25	1.27	0.08
LOC100506476	58.52	70.37	0.00	1.20	0.00
LOC100506725	59.30	72.65	7.25	1.23	0.12
LOC100506918	132.73	151.02	5.82	1.14	0.04
LOC100506941	51.44	53.56	1.82	1.04	0.04
LOC100507040	83.40	71.02	4.26	0.85	0.05
LOC100507049	81.00	77.26	6.80	0.95	0.08
LOC100507274	53.63	34.14	5.71	0.64	0.11
LOC100507371	70.48	40.88	6.64	0.58	0.09
LOC100507540	124.08	74.11	27.54	0.60	0.22
LOC100507647	60.44	66.98	2.31	1.11	0.04
LOC100508428	79.81	93.22	10.59	1.17	0.13
LOC100508716	56.65	44.61	13.10	0.79	0.23
LOC100509764	85.07	76.98	3.18	0.90	0.04
LOC100510080	60.15	29.18	0.54	0.49	0.01
LOC100510093	141.18	100.45	29.13	0.71	0.21

LOC100510626	67.80	68.84	0.36	1.02	0.01
LOC100510678	67.72	45.80	0.58	0.68	0.01
LOC144920	90.96	48.47	2.57	0.53	0.03
LOC145678	51.54	18.21	5.10	0.35	0.10
LOC145694	53.92	30.84	10.05	0.57	0.19
LOC150051	57.47	23.40	13.49	0.41	0.23
LOC150622	53.19	49.89	11.63	0.94	0.22
LOC151658	67.02	47.89	10.47	0.71	0.16
LOC152225	53.03	85.44	0.00	1.61	0.00
LOC153577	50.87	59.85	0.51	1.18	0.01
LOC157273	59.68	28.24	3.16	0.47	0.05
LOC219690	121.66	138.65	7.77	1.14	0.06
LOC219731	139.85	98.78	17.18	0.71	0.12
LOC220077	53.04	14.44	9.64	0.27	0.18
LOC221814	53.94	49.31	8.26	0.91	0.15
LOC257358	90.96	83.66	16.95	0.92	0.19
LOC282980	56.08	29.35	3.81	0.52	0.07
LOC283033	69.49	18.73	5.76	0.27	0.08
LOC283270	131.68	93.67	16.88	0.71	0.13
LOC283888	152.58	41.09	16.29	0.27	0.11
LOC284100	100.07	47.57	24.34	0.48	0.24
LOC284240	56.53	77.25	5.18	1.37	0.09
LOC284561	76.64	61.03	16.56	0.80	0.22
LOC284632	53.91	92.15	3.73	1.71	0.07
LOC284669	72.72	28.47	0.90	0.39	0.01
LOC284751	92.91	66.82	0.00	0.72	0.00
LOC285014	84.33	78.77	13.19	0.93	0.16
LOC285043	58.86	19.16	10.63	0.33	0.18
LOC285819	92.05	38.10	21.27	0.41	0.23
LOC285943	110.49	54.58	22.97	0.49	0.21
LOC285965	56.56	99.74	2.76	1.76	0.05
LOC286382	67.15	40.15	6.56	0.60	0.10
LOC340107	190.57	132.71	24.69	0.70	0.13
LOC344887	122.06	74.44	22.18	0.61	0.18
LOC348751	55.60	51.21	8.35	0.92	0.15
LOC386758	132.48	58.96	11.93	0.45	0.09
LOC388588	78.99	70.49	8.38	0.89	0.11
LOC400573	107.53	50.54	22.53	0.47	0.21
LOC400680	53.38	56.86	0.84	1.07	0.02
LOC400748	69.79	29.62	0.00	0.42	0.00
LOC400958	72.28	24.71	10.38	0.34	0.14
LOC402779	102.53	111.84	13.47	1.09	0.13
LOC440704	73.39	28.47	12.36	0.39	0.17
LOC440896	76.68	92.43	2.91	1.21	0.04
LOC441204	197.45	52.36	35.38	0.27	0.18
LOC441869	175.74	111.18	14.90	0.63	0.08
LOC541473	77.69	49.88	13.42	0.64	0.17
LOC646509	97.52	32.61	20.14	0.33	0.21
LOC646548	115.04	56.99	8.28	0.50	0.07
LOC646576	78.59	115.18	11.44	1.47	0.15
LOC653110	82.05	42.36	10.83	0.52	0.13
LOC728264	80.14	32.36	14.70	0.40	0.18
LOC729870	135.14	67.44	6.56	0.50	0.05
LOC730184	165.58	88.03	37.80	0.53	0.23
LOC732096	82.13	39.00	17.80	0.47	0.22
LOC79015	53.34	22.97	9.93	0.43	0.19
LPAR3	113.94	99.59	3.00	0.87	0.03
LPPR4	55.73	87.42	5.20	1.57	0.09
LRAT	50.30	44.13	11.41	0.88	0.23
LRP12	88.40	81.66	20.20	0.92	0.23
LRP2	75.49	44.53	12.68	0.59	0.17
LRRIQ3	64.17	90.01	0.54	1.40	0.01
LTB4R	155.03	44.24	14.60	0.29	0.09
LTBR	143.74	67.69	14.89	0.47	0.10
LUZP3P	53.99	18.14	4.18	0.34	0.08
LYPD4	61.61	72.03	14.87	1.17	0.24
MACROD2	77.89	22.44	0.09	0.29	0.00
MAGEA2	83.48	50.18	13.67	0.60	0.16
MAGEA2B	83.48	50.18	13.67	0.60	0.16
MAP2	73.02	50.01	15.83	0.68	0.22
MASP1	181.05	171.12	12.06	0.95	0.07
MDH1B	130.88	111.28	1.74	0.85	0.01
MECOM	63.87	43.51	0.00	0.68	0.00

MED12L	75.73	66.95	1.46	0.88	0.02
MEF2D	76.23	156.40	2.84	2.05	0.04
MFSD3	145.08	61.72	16.65	0.43	0.11
MGC16075	114.07	57.08	0.00	0.50	0.00
MGC16275	78.28	26.66	2.30	0.34	0.03
MGLL	105.01	62.59	16.26	0.60	0.15
MICAL2	64.90	59.75	0.70	0.92	0.01
MMMP8	85.42	53.35	3.55	0.62	0.04
MOBKL2C	112.03	122.05	9.58	1.09	0.09
MOCOS	56.22	98.90	0.00	1.76	0.00
MOGAT2	71.57	81.27	11.33	1.14	0.16
MRAP	97.46	143.58	20.58	1.47	0.21
MRVI1	63.63	38.66	10.47	0.61	0.16
MSH4	57.43	16.77	4.88	0.29	0.09
MSTRB2	128.48	103.26	9.63	0.80	0.07
MT3	198.42	106.03	12.31	0.53	0.06
MTBP	202.72	76.11	10.34	0.38	0.05
MYH13	67.15	67.43	4.46	1.00	0.07
MYH14	137.38	90.82	10.91	0.66	0.08
MYH3	53.22	90.26	6.57	1.70	0.12
MYL9	63.55	54.53	0.00	0.86	0.00
MYLK3	164.85	144.90	32.58	0.88	0.20
MYLK4	92.15	113.33	0.00	1.23	0.00
MYO1D	61.35	35.54	2.37	0.58	0.04
NCAPH2	332.38	318.04	40.71	0.96	0.12
NCRNA00029	86.26	110.87	5.36	1.29	0.06
NCRNA00052	101.29	39.77	0.00	0.39	0.00
NCRNA00282	93.54	63.24	4.05	0.68	0.04
NCRNA00293	52.82	33.24	0.85	0.63	0.02
NEUROG1	83.66	89.12	7.75	1.07	0.09
NFKBID	94.89	78.62	1.47	0.83	0.02
NFKBIL1	155.97	74.24	12.62	0.48	0.08
NGEF	354.75	124.71	27.51	0.35	0.08
NLRP12	121.76	61.60	8.22	0.51	0.07
NMNAT1	131.75	96.56	17.66	0.73	0.13
NOS1	188.56	72.86	34.54	0.39	0.18
NOTUM	71.17	77.13	13.28	1.08	0.19
NOX5	65.86	19.19	8.24	0.29	0.13
NPR1	65.40	94.45	15.27	1.44	0.23
NPY6R	55.29	36.86	0.66	0.67	0.01
NRP2	136.78	184.30	6.52	1.35	0.05
NRSN2	131.91	84.86	5.39	0.64	0.04
NRXN1	92.01	42.31	5.35	0.46	0.06
NRXN3	54.73	19.69	3.40	0.36	0.06
NT5C1A	59.56	46.22	5.57	0.78	0.09
NT5DC2	82.09	70.42	3.14	0.86	0.04
NTF4	52.42	25.79	7.25	0.49	0.14
NTRK2	61.06	78.52	4.12	1.29	0.07
NUCB1	84.31	114.94	18.25	1.36	0.22
NUDT16P1	74.94	32.79	3.36	0.44	0.04
NUPR1	87.36	33.07	5.91	0.38	0.07
NXPH3	91.08	76.80	4.42	0.84	0.05
OLAH	86.39	42.88	4.81	0.50	0.06
OR2F1	125.30	66.43	4.29	0.53	0.03
OR2H1	57.65	15.30	6.75	0.27	0.12
OR2L2	96.83	41.50	0.00	0.43	0.00
OR51I2	61.80	88.34	7.84	1.43	0.13
OR5L2	56.61	99.64	9.58	1.76	0.17
OR6A2	52.30	16.39	11.62	0.31	0.22
OXCT2	132.05	39.19	26.79	0.30	0.20
P2RX3	62.86	17.32	0.00	0.28	0.00
PACRG	90.45	55.53	7.04	0.61	0.08
PADI4	57.02	19.16	4.73	0.34	0.08
PAK7	102.36	31.16	9.93	0.30	0.10
PANX2	53.56	16.48	8.68	0.31	0.16
PAOX	104.30	110.43	10.29	1.06	0.10
PARP10	139.73	62.13	6.30	0.44	0.05
PBLD	59.78	136.52	2.47	2.28	0.04
PCDHB18	121.26	239.88	16.23	1.98	0.13
PCSK6	97.34	70.95	18.66	0.73	0.19
PDE7B	182.01	78.99	26.00	0.43	0.14
PDLIM3	50.07	62.93	0.00	1.26	0.00
PGK2	84.32	100.33	3.56	1.19	0.04

PGM5	51.86	33.88	3.36	0.65	0.06
PGPEP1	294.80	182.84	38.84	0.62	0.13
PHKG1	92.66	93.26	6.68	1.01	0.07
PIK3CG	174.23	95.48	25.41	0.55	0.15
PIK3IP1	97.48	61.02	22.57	0.63	0.23
PLEKHB1	88.66	77.09	16.31	0.87	0.18
PLEKHH3	63.40	217.24	3.67	3.43	0.06
PLEKHN1	134.59	51.15	7.53	0.38	0.06
PLK3	154.46	107.32	27.84	0.69	0.18
POLR1E	127.03	197.64	5.55	1.56	0.04
POM121L4P	81.10	36.55	0.20	0.45	0.00
PPM1J	76.10	69.99	11.73	0.92	0.15
PRDM16	57.51	52.95	0.00	0.92	0.00
PRDM6	137.28	87.16	7.40	0.63	0.05
PRKAA2	76.48	79.46	3.22	1.04	0.04
PRKAR1B	140.59	103.03	19.42	0.73	0.14
PRKCA	168.49	116.32	40.44	0.69	0.24
PRLR	91.55	26.55	22.24	0.29	0.24
PRO0471	63.27	38.83	0.11	0.61	0.00
PROK2	54.51	80.95	0.00	1.49	0.00
PROM2	250.07	94.50	36.91	0.38	0.15
PRSS55	51.21	62.12	6.69	1.21	0.13
PSD2	187.25	155.08	22.94	0.83	0.12
PSD4	57.26	50.71	0.00	0.89	0.00
PTCHD2	82.15	77.70	3.27	0.95	0.04
PTGES	100.12	52.17	13.04	0.52	0.13
PTGIR	88.40	51.60	20.74	0.58	0.23
PTPLAD2	81.69	43.75	16.06	0.54	0.20
PTPN7	217.73	165.98	6.34	0.76	0.03
PVALB	59.44	65.66	10.56	1.10	0.18
PWRN2	55.14	41.49	2.05	0.75	0.04
RAB30	86.87	91.95	6.54	1.06	0.08
RAB37	54.25	23.99	5.44	0.44	0.10
RAB40AL	98.63	61.42	5.47	0.62	0.06
RAD51L1	62.49	62.79	11.28	1.00	0.18
RAPGEF3	55.00	19.61	4.83	0.36	0.09
RASAL1	84.01	21.91	7.22	0.26	0.09
RAX2	243.10	88.36	24.15	0.36	0.10
RBM47	147.63	69.75	19.97	0.47	0.14
REM1	108.08	33.13	17.17	0.31	0.16
RFX2	78.05	45.55	18.59	0.58	0.24
RG9MTD2	79.19	145.29	13.25	1.83	0.17
RGS8	68.58	114.15	12.88	1.66	0.19
RHBDL3	88.45	84.68	12.22	0.96	0.14
RIMKLA	82.27	58.85	15.92	0.72	0.19
RIMS4	97.18	77.46	14.95	0.80	0.15
RNF144B	71.25	30.75	5.20	0.43	0.07
RNF157	110.58	28.10	16.63	0.25	0.15
RRN3P2	135.74	115.20	3.10	0.85	0.02
RSPH6A	84.71	41.39	1.73	0.49	0.02
RSPH9	57.03	60.23	11.30	1.06	0.20
RUNDC1	108.74	118.17	21.65	1.09	0.20
RUNX1	98.14	76.04	5.07	0.77	0.05
RXFP2	61.51	49.00	3.56	0.80	0.06
S100A9	61.64	21.59	14.57	0.35	0.24
SAGE1	76.75	34.68	6.40	0.45	0.08
SCAND2	85.43	75.28	8.52	0.88	0.10
SCARA3	125.83	145.43	17.32	1.16	0.14
SCARF1	76.46	43.65	0.00	0.57	0.00
SEC14L2	73.88	141.17	14.46	1.91	0.20
SERPINB10	53.68	51.02	1.55	0.95	0.03
SERPINB5	72.20	24.13	1.82	0.33	0.03
SFMBT2	87.99	40.78	5.56	0.46	0.06
SFRP1	87.19	55.94	17.49	0.64	0.20
SFT2D3	143.00	51.38	4.16	0.36	0.03
SFTPC	137.47	117.08	22.16	0.85	0.16
SH3GL1P1	58.16	33.26	1.67	0.57	0.03
SH3PXD2B	102.59	57.24	16.53	0.56	0.16
SHD	54.63	41.63	12.02	0.76	0.22
SHROOM1	129.26	69.72	16.34	0.54	0.13
SIX2	93.43	109.48	9.96	1.17	0.11
SKIV2L	698.13	498.75	170.87	0.71	0.24
SLAMF6	58.64	61.09	2.79	1.04	0.05

SLC15A1	82.29	24.90	19.16	0.30	0.23
SLC22A18AS	78.62	54.37	1.10	0.69	0.01
SLC23A2	145.56	213.09	7.94	1.46	0.05
SLC23A3	98.36	76.08	3.99	0.77	0.04
SLC24A5	69.47	63.80	3.15	0.92	0.05
SLC28A1	74.25	62.73	12.50	0.84	0.17
SLC35F4	132.44	72.04	9.94	0.54	0.08
SLC37A1	88.75	70.69	10.16	0.80	0.11
SLC39A2	67.49	25.39	1.95	0.38	0.03
SLC44A4	73.44	57.80	3.65	0.79	0.05
SLC4A11	54.07	22.44	12.43	0.42	0.23
SLC4A5	93.12	70.96	4.55	0.76	0.05
SLC6A19	75.76	134.65	12.43	1.78	0.16
SLC7A14	56.03	17.87	0.00	0.32	0.00
SLC7A4	57.20	17.58	5.91	0.31	0.10
SLC9A11	57.49	29.71	0.00	0.52	0.00
SLC9A9	51.05	26.62	3.91	0.52	0.08
SLCO1B3	81.64	76.95	17.16	0.94	0.21
SLIT3	85.71	31.39	0.00	0.37	0.00
SNCG	64.17	63.87	15.73	1.00	0.25
SNORD116@	97.15	101.98	2.22	1.05	0.02
SNTG1	99.04	55.28	9.24	0.56	0.09
SORBS3	97.45	100.15	20.77	1.03	0.21
SP100	85.93	46.75	3.66	0.54	0.04
SP140	86.09	77.72	0.00	0.90	0.00
SP5	64.90	45.15	5.04	0.70	0.08
SPATA1	52.44	37.24	4.36	0.71	0.08
SPATA13	233.56	93.74	52.53	0.40	0.22
SPATA21	52.92	21.41	2.04	0.40	0.04
SPINK5	166.68	108.39	40.62	0.65	0.24
SPINT1	82.13	97.17	10.90	1.18	0.13
SPTB	82.57	24.85	3.28	0.30	0.04
SSPO	54.20	26.16	6.48	0.48	0.12
SST	58.80	78.53	0.34	1.34	0.01
ST6GAL2	63.03	37.43	2.63	0.59	0.04
ST7OT2	82.83	48.38	0.59	0.58	0.01
STOX1	50.16	73.07	4.01	1.46	0.08
SULT1A1	226.24	109.17	18.37	0.48	0.08
SULT2A1	50.22	26.73	1.36	0.53	0.03
SV2B	130.18	185.36	17.36	1.42	0.13
SYPL2	65.51	23.50	3.92	0.36	0.06
SYTL3	97.61	40.30	14.85	0.41	0.15
SYTL4	135.39	77.70	3.03	0.57	0.02
TAGLN3	202.51	133.13	46.34	0.66	0.23
TAS2R4	51.55	35.08	4.86	0.68	0.09
TAS2R41	53.86	78.35	7.38	1.45	0.14
TBC1D1	124.81	113.45	6.49	0.91	0.05
TBC1D17	108.20	82.49	0.00	0.76	0.00
TCEB3C	54.49	51.46	3.13	0.94	0.06
TCL1B	190.15	70.13	7.75	0.37	0.04
TCP11	72.87	48.76	3.79	0.67	0.05
TDGF1	76.89	50.11	14.75	0.65	0.19
TDGF3	76.89	50.11	14.75	0.65	0.19
TDO2	88.59	48.87	10.96	0.55	0.12
TFAP2A	55.60	16.54	9.75	0.30	0.18
TGFB1	173.05	92.26	34.40	0.53	0.20
TGM1	93.31	46.88	13.56	0.50	0.15
TGM2	121.82	122.97	16.44	1.01	0.13
TGM4	110.72	30.98	14.64	0.28	0.13
TIE1	51.61	61.68	8.47	1.20	0.16
TIGD6	66.33	92.45	11.08	1.39	0.17
TJAP1	345.09	166.06	3.71	0.48	0.01
TLR1	72.55	45.60	0.00	0.63	0.00
TLR5	65.90	58.86	13.88	0.89	0.21
TLR8	87.08	51.79	4.65	0.59	0.05
TLX2	110.10	44.22	9.28	0.40	0.08
TM6SF2	85.96	30.14	12.70	0.35	0.15
TMEM145	86.67	35.32	19.14	0.41	0.22
TMEM194B	137.77	53.21	10.47	0.39	0.08
TMEM63A	112.14	49.28	23.02	0.44	0.21
TMIE	57.25	110.23	3.10	1.93	0.05
TMPRSS11B	53.67	23.53	2.82	0.44	0.05
TMPRSS5	110.45	52.47	8.92	0.48	0.08

TNFRSF8	75.06	82.25	1.17	1.10	0.02
TNP1	74.51	38.55	2.90	0.52	0.04
TNR	73.54	80.49	3.00	1.09	0.04
TOP3B	121.02	125.27	13.85	1.04	0.11
TPO	52.45	14.14	0.00	0.27	0.00
TPSB2	107.28	71.26	14.47	0.66	0.13
TREM2	130.30	57.67	1.94	0.44	0.01
TRPV2	79.51	41.21	8.22	0.52	0.10
TSPAN10	123.74	86.84	21.97	0.70	0.18
TTBK1	126.33	58.20	17.58	0.46	0.14
TTC12	69.24	54.20	1.80	0.78	0.03
TLL13	64.34	43.80	14.32	0.68	0.22
TTY4	73.19	19.69	7.69	0.27	0.11
TTY4B	73.19	19.69	7.69	0.27	0.11
TTY4C	73.19	19.69	7.69	0.27	0.11
TWIST2	94.20	67.80	23.53	0.72	0.25
UBE2Q1	83.31	55.13	20.45	0.66	0.25
UGT1A	54.16	17.06	2.83	0.32	0.05
UPK1B	78.43	22.96	8.54	0.29	0.11
VAC14	66.86	51.34	8.28	0.77	0.12
VCX2	71.64	47.53	16.68	0.66	0.23
VCY	67.26	49.29	3.41	0.73	0.05
VCY1B	67.26	49.29	3.41	0.73	0.05
VPS18	126.99	108.96	26.90	0.86	0.21
VSIG10	206.59	143.90	49.81	0.70	0.24
WFDC9	63.70	23.03	6.01	0.36	0.09
WHAMML2	120.63	32.36	27.27	0.27	0.23
XAF1	60.24	93.54	5.09	1.55	0.08
XYLB	116.22	98.08	24.51	0.84	0.21
ZBP1	129.18	99.99	4.01	0.77	0.03
ZBTB17	73.68	64.02	2.17	0.87	0.03
ZFPM1	78.47	59.81	9.36	0.76	0.12
ZNF157	61.64	39.00	6.08	0.63	0.10
ZNF204P	85.96	40.19	6.32	0.47	0.07
ZNF311	54.79	36.47	3.95	0.67	0.07
ZNF354C	225.68	169.07	55.94	0.75	0.25
ZNF385B	71.80	53.52	0.00	0.75	0.00
ZNF396	77.56	59.55	5.53	0.77	0.07
ZNF41	62.84	71.24	0.00	1.13	0.00
ZNF428	56.16	29.59	1.81	0.53	0.03
ZNF497	100.57	47.07	18.55	0.47	0.18
ZNF536	85.01	55.09	17.81	0.65	0.21
ZNF598	88.29	25.92	14.90	0.29	0.17
ZNF630	115.48	44.20	4.83	0.38	0.04
ZNF702P	109.71	53.92	1.90	0.49	0.02
ZNF736	64.35	64.47	13.96	1.00	0.22
ZNF746	58.37	30.84	4.58	0.53	0.08
ZNF763	125.49	125.53	21.07	1.00	0.17
ZNF771	191.34	80.09	40.49	0.42	0.21
ZRSR1	135.62	101.28	5.88	0.75	0.04
ZSCAN30	262.92	78.98	63.95	0.30	0.24
ZYX	189.91	149.83	7.06	0.79	0.04