

SUPPLEMENTAL MATERIAL

Thiollier et al., <http://www.jem.org/cgi/content/full/jem.20121343/DC1>

Table S1. Class comparison between OTT-MAL, CBFA2T3-GLIS2, and other non-DS AMKLs

Gene name	Geometric mean of intensities			Parametric p-value	FDR	Permutation p-value
	Other non-DS AMKLs	CBFA2T3-GLIS2	OTT-MAL			
NCAM1	60.72	2324.27	68.73	< 1e-07	< 1e-07	1,00E-04
NCAM1	50.18	340.19	50.75	< 1e-07	< 1e-07	1,00E-04
CLSTN2	39.1	103.45	45.55	< 1e-07	< 1e-07	1,00E-04
PLS3	16.05	60.92	16.28	< 1e-07	< 1e-07	1,00E-04
TGM2	63.8	275.05	65.73	< 1e-07	< 1e-07	1,00E-04
IMPDH2	1256.59	5983.17	1121.64	< 1e-07	< 1e-07	1,00E-04
DOK5	104.18	603.64	95.99	< 1e-07	< 1e-07	1,00E-04
ABHD4	294.3	736	296.14	< 1e-07	< 1e-07	1,00E-04
LTC4S	58.93	543.94	88.75	< 1e-07	< 1e-07	1,00E-04
ACE2	46.79	437.47	44.88	< 1e-07	< 1e-07	1,00E-04
TGM2	96.39	501.38	93.06	< 1e-07	< 1e-07	1,00E-04
CRISP3	22.59	1028.44	15.61	< 1e-07	< 1e-07	1,00E-04
TAOK3	188.71	58.56	161.44	< 1e-07	< 1e-07	1,00E-04
NOS1AP	129.7	270.51	141.66	< 1e-07	< 1e-07	1,00E-04
SEMA3G	49.15	109.38	56.24	< 1e-07	< 1e-07	< 1e-07
ACE2	15.67	264.51	15.15	< 1e-07	< 1e-07	1,00E-04
IGFBP7	659.88	5022.23	286.15	1,00E-07	0.000106	< 1e-07
BLMH	210.21	85.68	165.8	1,00E-07	0.000106	< 1e-07
PRKCB	619.79	125.71	785.24	1,00E-07	0.000106	< 1e-07
LGR4	17.64	84.21	14.88	1,00E-07	0.000106	1,00E-04
SMAD3	293.54	1040.53	268.14	1,00E-07	0.000106	1,00E-04
FDXR	59.89	107.81	63.85	2,00E-07	0.000159	< 1e-07
H2AFY	1341.83	4827.7	1066.09	2,00E-07	0.000159	< 1e-07
PTPN6	1178.66	213.63	596.94	2,00E-07	0.000159	< 1e-07
LBR	287.22	67.77	340.17	2,00E-07	0.000159	< 1e-07
MARCH3	53.88	222.82	84.08	2,00E-07	0.000159	< 1e-07
AFF1	562.03	191.1	544.81	2,00E-07	0.000159	1,00E-04
FOLR1	75.54	197.59	76.28	2,00E-07	0.000159	1,00E-04
MYO6	46.28	257.99	79.58	3,00E-07	0.000209	< 1e-07
CD33	236.4	629.67	172.29	3,00E-07	0.000209	< 1e-07
MYH6	18.05	32.41	18.37	3,00E-07	0.000209	1,00E-04
PRKCB	318.9	52.76	442.15	3,00E-07	0.000209	< 1e-07
HK1	735.88	219.67	886.27	4,00E-07	0.000262	< 1e-07
DPYSL2	171.21	408.67	77.25	4,00E-07	0.000262	< 1e-07
HEBP1	199.2	61.29	129.11	5,00E-07	0.000318	< 1e-07
RAB33A	63.11	189.27	78.9	6,00E-07	0.000361	< 1e-07
IGFBP2	44.7	224.93	69.87	6,00E-07	0.000361	< 1e-07
PVRL3	22.39	40.92	23.1	7,00E-07	0.00039	1,00E-04
CASP3	93.33	367.11	99.39	7,00E-07	0.00039	1,00E-04
PTGER3	49.04	31.51	157.69	7,00E-07	0.00039	< 1e-07
URG4	173.89	98.72	175.09	8,00E-07	0.000435	1,00E-04
H2AFY	1514.99	4415.69	1206.67	9,00E-07	0.000466	< 1e-07
C2CD2L	96.87	155.9	126.33	9,00E-07	0.000466	< 1e-07
HOPX	92.38	973.76	64.3	1.1e-06	0.000557	1,00E-04
HCLS1	1057.08	198.02	821.25	1.2e-06	0.000594	< 1e-07
SLC16A1	264.07	111.14	277.48	1.4e-06	0.000664	1,00E-04
NA	21.52	35.62	22.05	1.4e-06	0.000664	1,00E-04
CD37	935.44	167.71	583.02	1.6e-06	0.000743	1,00E-04
MYO6	53.63	111.24	66.44	2.2e-06	0.001	< 1e-07
MAST4	37.57	96.28	49.7	2.3e-06	0.00103	< 1e-07

SERP1	232.36	105.24	171.66	2.6e-06	0.00114	< 1e-07
GAS2L1	147.97	79.7	251.63	2.7e-06	0.00116	< 1e-07
HARS2	96.79	186.97	133	3,00E-06	0.00126	1,00E-04
CSTB	802.12	180.37	643.4	3.6e-06	0.00149	< 1e-07
PQLC1	233.98	91.85	216.29	3.7e-06	0.0015	1,00E-04
NOTCH2	452.58	80.58	315.95	3.9e-06	0.00154	1,00E-04
TGM2	51.61	173.02	55.51	4,00E-06	0.00154	3,00E-04
CD59	296.6	97.1	116.89	4,00E-06	0.00154	< 1e-07
ME3	190	85.18	105.03	4.3e-06	0.00162	< 1e-07
PPDPF	294.28	90.76	340.7	4.5e-06	0.00167	1,00E-04
IGFBP7	27.89	72.24	24.32	4.7e-06	0.00172	3,00E-04
PHACTR2	135.01	51.77	138.11	4.8e-06	0.00173	< 1e-07
MFNG	554.87	128.26	542.9	5.3e-06	0.00187	1,00E-04
CYBA	994.09	431.97	775.52	5.5e-06	0.00191	1,00E-04
NA	45.41	241.55	55.8	5.6e-06	0.00192	6,00E-04
NA	17.63	25.72	19.25	5.7e-06	0.00192	1,00E-04
IGFBP7	151.69	1156.41	70.53	5.9e-06	0.00196	3,00E-04
GREB1	12.09	19.02	12.85	6,00E-06	0.00197	1,00E-04
MRC2	101.19	154.82	98.68	6.8e-06	0.0022	1,00E-04
NIPSNAP1	559.69	320.59	460.53	7.5e-06	0.00235	< 1e-07
ASPH	19.3	30.54	21.09	7.6e-06	0.00235	< 1e-07
KIAA0323	186.89	77.79	166.75	7.7e-06	0.00235	1,00E-04
PLEKHG3	194.02	353.67	181.93	7.7e-06	0.00235	2,00E-04
ODC1	1230.82	357.56	1277.35	8.3e-06	0.0025	3,00E-04
PEX3	22.55	78.25	30.49	8.6e-06	0.00253	2,00E-04
NBL1	227.97	427.69	215.08	8.7e-06	0.00253	1,00E-04
VDR	25.56	72.55	45.09	8.8e-06	0.00253	1,00E-04
SERP1	1395.06	794.92	1378.54	8.9e-06	0.00253	1,00E-04
SERP1	425.57	256.79	337.2	9.1e-06	0.00253	1,00E-04
PHLDB1	130.28	181.21	120.79	9.1e-06	0.00253	1,00E-04
KRT18	96.68	587.75	144.29	9.4e-06	0.00259	2,00E-04
ABHD2	209.49	103.31	168.78	1.03e-05	0.00275	1,00E-04
MOSC2	65.93	99.45	61.23	1.03e-05	0.00275	1,00E-04
NA	58.13	80.97	62.15	1.04e-05	0.00275	< 1e-07
LHFP	44.81	182.51	89.07	1.06e-05	0.00275	3,00E-04
CTBS	88.42	50.07	93	1.06e-05	0.00275	1,00E-04
SALL2	197.68	422.13	244.48	1.12e-05	0.00283	3,00E-04
GAS2L1	107.04	47.87	172.84	1.13e-05	0.00283	< 1e-07
WIT1	148.36	255.06	133.79	1.13e-05	0.00283	< 1e-07
SH3BGRL	730.98	415.54	433.23	1.21e-05	0.00295	1,00E-04
CTSW	756.09	3102.96	951.33	1.22e-05	0.00295	< 1e-07
SH3BGRL	1283.88	646.32	841.96	1.22e-05	0.00295	< 1e-07
PHKG2	128.15	203.45	137.14	1.23e-05	0.00295	< 1e-07
ASPH	51.93	94.22	50.19	1.33e-05	0.00312	2,00E-04
PEX3	113.06	470.79	159.08	1.34e-05	0.00312	3,00E-04
RUNX1T1	21.88	85.63	49.06	1.35e-05	0.00312	1,00E-04
RUFY1	274.48	1206.82	704.56	1.36e-05	0.00312	3,00E-04
JAG1	30.48	62.71	31.09	1.37e-05	0.00312	3,00E-04
NCK2	295.59	396.41	731.21	1.42e-05	0.0032	< 1e-07
DLGAP4	60.53	99.74	72.89	1.51e-05	0.00335	2,00E-04
PRSS1	30.49	82.43	28.2	1.52e-05	0.00335	3,00E-04
TGIF1	155.84	43.38	163.37	1.56e-05	0.0034	2,00E-04
CRISP2	16.51	90.21	16.5	1.57e-05	0.0034	6,00E-04
RUNX1T1	46.95	281.46	175.17	1.61e-05	0.00342	3,00E-04
FLNA	279.56	300.54	631.29	1.61e-05	0.00342	< 1e-07
STAP2	88.13	136.01	82.3	1.73e-05	0.00364	< 1e-07
MAPRE2	610.83	261.51	770.45	1.76e-05	0.00365	2,00E-04
NOTCH2	333.17	87.71	227.55	1.77e-05	0.00365	< 1e-07
MPP1	942.73	277.07	932.34	1.84e-05	0.00372	1,00E-04
ABHD2	269.48	100.93	225.64	1.84e-05	0.00372	1,00E-04
FAM69A	30.76	174.43	35.64	1.86e-05	0.00372	7,00E-04

DUSP14	83.37	143.59	112.28	1.87e-05	0.00372	< 1e-07
IRS2	497.46	278.37	3478.24	1.94e-05	0.00381	2,00E-04
MOSC2	31.27	53.37	34.79	1.95e-05	0.00381	2,00E-04
MAST4	323.7	882.63	393.07	1.97e-05	0.00382	3,00E-04
NA	95.41	152.68	104.03	2.02e-05	0.00388	< 1e-07
TUBAL3	50.11	123.54	77.1	2.08e-05	0.0039	2,00E-04
FLNA	306.31	303.49	697.12	2.09e-05	0.0039	1,00E-04
DCK	48.74	22.95	39.35	2.11e-05	0.0039	1,00E-04
MYO6	16.05	42.35	20.81	2.11e-05	0.0039	1,00E-04
NA	19.36	67.96	18.64	2.12e-05	0.0039	6,00E-04
ANXA7	560.25	238.77	414.8	2.21e-05	0.00404	2,00E-04
FLNA	155.42	166.59	385.92	2.37e-05	0.00429	< 1e-07
ACTN4	457.36	937.87	387.93	2.5e-05	0.00444	1,00E-04
OAT	263.25	81.74	173.93	2.5e-05	0.00444	1,00E-04
BST2	128.55	343.36	102.8	2.51e-05	0.00444	1,00E-04
JAG1	30.04	90.86	33.39	2.58e-05	0.00453	2,00E-04
PRSS2	45.94	451.13	43.42	2.61e-05	0.00453	6,00E-04
CLN6	77.64	117.51	66.75	2.62e-05	0.00453	< 1e-07
CHPT1	399.03	94.19	278.59	2.77e-05	0.00475	2,00E-04
HEXIM1	135.76	149.69	306.62	2.8e-05	0.00476	0.001
SLC25A37	72.97	23.51	109.61	2.84e-05	0.00476	< 1e-07
NRIP1	553.12	90.65	790.47	2.84e-05	0.00476	5,00E-04
DOCK2	251.06	70.56	215.97	2.92e-05	0.00482	< 1e-07
MAST4	301.14	584.5	309.92	2.92e-05	0.00482	1,00E-04
ASPH	18.08	29.03	17.24	3.1e-05	0.00504	1,00E-04
LPGAT1	50.76	23.22	39.61	3.1e-05	0.00504	1,00E-04
NA	48.47	102.41	49.88	3.14e-05	0.00507	5,00E-04
LTK	110.07	242.35	92.02	3.36e-05	0.00539	2,00E-04
MICB	106.29	66.38	108.47	3.49e-05	0.00555	1,00E-04
ADRA2A	37.21	31	281.65	3.53e-05	0.00558	< 1e-07
NOTCH2	493.74	177.7	311.3	3.56e-05	0.00559	< 1e-07
KDELC1	23.35	78.3	24.17	3.62e-05	0.00564	4,00E-04
GOLGA9P	991.51	3223.55	593.57	3.7e-05	0.00573	5,00E-04
NIPSNAP1	223.85	121.82	205.38	3.75e-05	0.00576	1,00E-04
A2BP1	58.45	400.05	55.03	3.8e-05	0.0058	0.001
GGA3	107.64	147.06	108.58	3.86e-05	0.00585	2,00E-04
LTK	142.15	280.18	121.99	4.09e-05	0.00616	4,00E-04
FABP5	355.07	627.85	162.01	4.16e-05	0.00618	1,00E-04
GYPC	925.32	315.52	767.47	4.16e-05	0.00618	1,00E-04
CACNB2	33.38	357.85	25.16	4.43e-05	0.00648	8,00E-04
RUNX1T1	22.09	41.24	31.37	4.46e-05	0.00648	1,00E-04
FAH	127.19	385.63	130.65	4.46e-05	0.00648	3,00E-04
CHSY1	202.69	490.5	175.59	4.48e-05	0.00648	3,00E-04
KHK	97.74	163.87	104.7	4.62e-05	0.00664	5,00E-04
GATM	67.3	139.49	64.06	5.01e-05	0.00712	2,00E-04
CD300C	48.44	70.16	49.11	5.02e-05	0.00712	6,00E-04
S100A6	1311.2	373.01	975.15	5.11e-05	0.00721	3,00E-04
CHD4	607.94	971.38	614.85	5.19e-05	0.00727	2,00E-04
SPINK2	127.78	1484.05	71.18	5.29e-05	0.00737	7,00E-04
IRS2	292.1	147.15	1678.29	5.47e-05	0.00757	5,00E-04
CD59	314.46	162.25	183.74	5.53e-05	0.00761	< 1e-07
DALRD3	209.73	431.91	272.48	5.66e-05	0.00774	3,00E-04
EXPH5	103.63	244.97	100.67	5.75e-05	0.00781	8,00E-04
ZNF706	713.64	441.94	762.87	5.84e-05	0.00789	1,00E-04
PRKCA	57.01	127.01	123.68	5.91e-05	0.00793	5,00E-04
CYB5R4	272.21	114.87	176.22	6.02e-05	0.00798	4,00E-04
NRIP1	600.13	119.43	889.69	6.02e-05	0.00798	5,00E-04
C5orf4	90.27	86.48	209.52	6.15e-05	0.00806	0.001
CLEC11A	337.4	683.16	225.08	6.15e-05	0.00806	< 1e-07
CLEC11A	380.81	941.81	221.82	6.38e-05	0.00831	1,00E-04
NA	28.56	49.02	27.81	6.43e-05	0.00833	7,00E-04

TRAM1	729.23	477.04	707.75	6.5e-05	0.00837	3,00E-04
CAMK2G	269.61	663.15	274.79	6.57e-05	0.00841	5,00E-04
GSTM5	177.62	475.37	168.98	6.75e-05	0.00859	4,00E-04
TGFA	71.89	111.2	72.2	6.8e-05	0.00861	2,00E-04
MT1F	391.24	941.55	339.8	7.06e-05	0.00889	1,00E-04
PLXNA3	87.34	140.78	85.33	7.19e-05	0.009	1,00E-04
GP5	22.04	21.15	122.13	7.42e-05	0.00921	< 1e-07
CREG1	615.26	213.9	461	7.46e-05	0.00921	4,00E-04
SCN9A	13.64	30.49	13.54	7.48e-05	0.00921	6,00E-04
WASF1	34.29	97.57	30.05	7.66e-05	0.00935	4,00E-04
GPX1	890.27	291.91	996.19	7.68e-05	0.00935	7,00E-04
C10orf26	153.5	517.37	146.83	7.75e-05	0.00939	5,00E-04
MAP4K1	283.25	121.3	203.21	7.84e-05	0.00944	2,00E-04
MAN2A2	690.28	298.69	620.61	7.89e-05	0.00945	4,00E-04
PDGFD	70.23	141.78	65.28	8,00E-05	0.00953	4,00E-04
PIP5K1C	277.07	490.31	275.63	8.1e-05	0.0096	5,00E-04
EAF2	303.34	95.6	152.83	8.16e-05	0.00962	1,00E-04
GPX7	156.44	48.2	112.71	8.27e-05	0.00969	1,00E-04
ZNF443	117.53	182.11	108.91	8.31e-05	0.00969	4,00E-04
UNC5B	106.89	163.11	95.96	8.48e-05	0.0098	4,00E-04
PPBP	188.52	52.45	2304.39	8.49e-05	0.0098	6,00E-04
HDAC1	322.26	192.92	276.81	8.57e-05	0.00984	1,00E-04
AMD1	445.14	183.26	316.66	8.62e-05	0.00985	5,00E-04
MAP4K1	264.72	128.6	201.07	8.77e-05	0.00997	2,00E-04
PRRG1	23.76	33.91	24.88	8.87e-05	0.00998	4,00E-04
APOB48R	79.76	126.12	77.22	8.91e-05	0.00998	3,00E-04
COL4A5	20.83	46.11	24.28	8.96e-05	0.00998	6,00E-04
SEMA4D	332.77	788.96	574.8	8.96e-05	0.00998	1,00E-04
GP1BA	133	12.09	520.65	9.19e-05	0.0101	4,00E-04
MAP4K1	304.15	137.54	223.85	9.22e-05	0.0101	3,00E-04
ZNF253	84.01	109.7	86.21	9.26e-05	0.0101	2,00E-04
ITM2A	693.71	5335.63	1153.59	9.33e-05	0.0101	2,00E-04
TNF	122.83	298.3	219.44	9.33e-05	0.0101	4,00E-04
NA	14.75	22.58	14.14	9.4e-05	0.0102	7,00E-04
SORT1	72.55	124.84	84.05	9.59e-05	0.0103	4,00E-04
SLC16A1	39.86	31.99	47.36	9.68e-05	0.0104	< 1e-07
SOX11	31.8	186.17	145.9	9.77e-05	0.0104	6,00E-04
PRDX2	330.59	46.15	456.44	9.9e-05	0.0105	3,00E-04
NA	1516.64	172.34	13060.39	9.96e-05	0.0105	8,00E-04
AK1	54.26	32.49	102.17	0.0001006	0.0106	2,00E-04
ISCA1	181.15	81.59	351.93	0.0001009	0.0106	5,00E-04
FAM127B	130.27	223.42	159.2	0.000105	0.0109	1,00E-04
SLC43A1	241.45	152.69	170.11	0.0001084	0.0112	6,00E-04
DHRS7	347	650.03	299.83	0.0001106	0.0114	6,00E-04
MKRN3	60.06	81.39	59.11	0.0001119	0.0115	3,00E-04
PF4	326.02	166.74	3028.82	0.0001211	0.0124	8,00E-04
RHOF	142.8	237.43	257.15	0.0001215	0.0124	1,00E-04
NP	314.89	866.03	435.79	0.0001221	0.0124	9,00E-04
TMSB15A	70.45	230.54	105.8	0.000123	0.0124	8,00E-04
HSD17B11	583.73	249.74	341.45	0.0001234	0.0124	6,00E-04
GABBR1	330.59	748.48	418.81	0.0001236	0.0124	4,00E-04
STAC	265.29	468.53	180.29	0.0001248	0.0124	4,00E-04
SMAD3	271.8	658.54	237.13	0.000125	0.0124	2,00E-04
PRSS3	155.98	242.52	149.01	0.0001268	0.0125	6,00E-04
RASIP1	76.2	131.31	68.87	0.0001284	0.0126	5,00E-04
GSPT2	106.05	59.67	97.11	0.0001313	0.0128	5,00E-04
MPPED2	13.23	20.82	13.26	0.0001319	0.0128	8,00E-04
CBLB	90.28	90.17	224.25	0.0001324	0.0128	9,00E-04
MT1F	417.44	1021.48	362.2	0.000133	0.0128	3,00E-04
PDXK	132	92.83	131.19	0.0001334	0.0128	1,00E-04
ABCD4	108.51	166.23	105.46	0.0001345	0.0128	4,00E-04

CMAH	252.56	39.65	81.84	0.0001351	0.0128	0.0011
H2AFY	164.37	709.97	108.24	0.0001352	0.0128	2,00E-04
FAM189A1	21.77	39.46	24.91	0.000138	0.013	6,00E-04
NA	1500.43	168.87	14600.49	0.000139	0.0131	0.0011
LOC644617	287.19	151.95	215.64	0.0001405	0.0132	3,00E-04
CLEC11A	523.73	1300.96	345.37	0.0001424	0.0133	< 1e-07
PPP1R13B	42.56	65.08	47.34	0.000143	0.0133	3,00E-04
CAMK2G	121.88	260.32	116.15	0.0001461	0.0135	6,00E-04
MPG	262.9	155.49	203.14	0.0001463	0.0135	2,00E-04
SOX11	32.09	119.44	82.25	0.0001505	0.0138	6,00E-04
CRLF3	289.53	187.78	478.07	0.0001515	0.0138	5,00E-04
NENF	501.86	182.2	343.2	0.0001525	0.0139	2,00E-04
GNLY	133.1	1217.87	150.66	0.0001554	0.0141	9,00E-04
PHACTR2	133.34	64.41	123.82	0.0001596	0.0143	7,00E-04
JUP	537.4	791.13	284.22	0.0001597	0.0143	< 1e-07
LPIN2	255.43	151.13	321.57	0.0001601	0.0143	6,00E-04
KANK1	49.95	348.78	64.36	0.0001607	0.0143	0.0014
CSF1	130.63	191.17	130.75	0.000161	0.0143	3,00E-04
ANXA7	701.43	343.81	500	0.000162	0.0143	5,00E-04
MCF2L	134.13	171.83	186.21	0.0001636	0.0144	3,00E-04
MT1G	365.86	870.74	349.56	0.0001638	0.0144	1,00E-04
SIAH2	562.01	205.42	617.8	0.0001668	0.0146	3,00E-04
EMID1	448.47	174.37	242.58	0.0001696	0.0147	9,00E-04
IFITM2	3278.52	1481.39	3070.89	0.0001697	0.0147	6,00E-04
ITM2A	195.76	1741.55	359.12	0.0001705	0.0147	5,00E-04
PHACTR2	213.57	82.36	216.66	0.0001717	0.0148	6,00E-04
CPPED1	22.38	16.31	17.82	0.0001765	0.0151	2,00E-04
NA	36.51	59.66	39.86	0.0001782	0.0152	6,00E-04
NTHL1	63.28	104.82	50.49	0.0001796	0.0153	6,00E-04
SOX11	19.32	109.2	93.03	0.0001812	0.0153	9,00E-04
SLC4A4	18.17	57.46	21.97	0.0001814	0.0153	0.0011
GALNT11	59.63	106.07	99.78	0.0001822	0.0153	0.001
GNLY	153.9	1343.35	175.09	0.0001847	0.0155	0.001
VIM	5387.49	1150.9	3117.26	0.0001875	0.0156	8,00E-04
NBL1	87.28	160.41	73.58	0.000188	0.0156	3,00E-04
JAKMIP2	41.96	87.95	33.75	0.0001882	0.0156	0.0012
VASH1	42.2	33	76.35	0.0001897	0.0156	7,00E-04
UBAC1	274.37	95.35	232.34	0.0001905	0.0156	7,00E-04
RGS10	469.4	112.78	960.7	0.0001906	0.0156	7,00E-04
ACTN1	478.36	1126.68	739.22	0.0001952	0.0159	0.0011
TMEM164	517.25	1491.47	587.47	0.0001955	0.0159	5,00E-04
FHL1	549.36	104.98	448.04	0.0001977	0.016	0.0016
PLA2G16	51.25	75.37	48.87	0.0002002	0.0161	0.0011
MAP4	162.55	224.07	133.23	0.0002003	0.0161	1,00E-04
GSN	417.41	2304.25	720.38	0.000204	0.0164	6,00E-04
CYTL1	176.69	44.26	76.64	0.0002052	0.0164	0.0011
ALAS2	173.67	101.23	699.4	0.0002066	0.0164	0.0016
UNC5B	238.79	321.91	237.97	0.000209	0.0166	1,00E-04
CALML4	58.88	87.77	69.52	0.0002103	0.0166	3,00E-04
GIPC1	129.89	201.82	146.09	0.0002162	0.0169	5,00E-04
SLC4A4	154.03	247.68	159.57	0.0002162	0.0169	5,00E-04
DCPS	67.1	91.14	56.42	0.0002167	0.0169	2,00E-04
HEXIM1	85.95	94.85	207.81	0.000217	0.0169	0.0018
NA	1315.73	159	11040.15	0.0002184	0.0169	0.0012
MAPKAPK2	514.3	275.47	434.92	0.0002196	0.0169	6,00E-04
FGD6	25.01	35.37	27.24	0.0002197	0.0169	3,00E-04
DEPDC6	342.47	99.31	108.1	0.0002216	0.017	8,00E-04
NA	930.34	1328.66	890.97	0.0002222	0.017	3,00E-04
BAMBI	126.46	608.37	75.9	0.0002235	0.0171	0.0014
GNB5	101.44	90.84	223.12	0.0002248	0.0171	< 1e-07
ANXA2	1270.01	325.13	713.93	0.0002323	0.0176	0.001

UNC84A	43.21	32.84	51.86	0.0002359	0.0178	1,00E-04
CCND2	72.12	229.2	59.31	0.000243	0.0183	6,00E-04
IL6ST	51.46	52.12	123.07	0.0002449	0.0184	8,00E-04
ABHD2	115.57	57.41	88.13	0.0002461	0.0184	5,00E-04
SELENBP1	117.99	41.36	237.83	0.0002469	0.0184	0.001
WSB2	146.35	95.99	165.2	0.0002479	0.0184	5,00E-04
IFT122	155.85	166.03	98.45	0.000248	0.0184	0.0018
KCNN4	175.55	78.13	155.11	0.0002508	0.0185	5,00E-04
ERG	110.61	195.49	88.32	0.0002623	0.0192	9,00E-04
SMAD5	12.79	15.93	13.64	0.0002634	0.0192	2,00E-04
NA	419.79	615.44	379.46	0.0002636	0.0192	5,00E-04
ANK3	14.79	14.9	46.36	0.0002643	0.0192	0.0034
SLC25A14	149.81	186.55	136.12	0.0002678	0.0194	2,00E-04
UCP2	874.76	316.69	1083.87	0.0002719	0.0196	0.0015
RASSF2	226.71	87.54	217.35	0.0002723	0.0196	0.0015
NINJ2	166.07	489.3	187.06	0.0002745	0.0197	0.0011
MXRA7	212.42	865.53	233.65	0.0002764	0.0198	0.0013
CACNB2	69.6	456.31	50.56	0.0002782	0.0199	0.002
TJP2	59.02	215.3	135.65	0.0002811	0.02	0.001
ANXA2	1259.84	337.88	700.5	0.0002825	0.02	9,00E-04
NA	40.92	50.28	41.68	0.0002831	0.02	< 1e-07
NRGN	287.74	549.9	1218.82	0.0002859	0.0202	7,00E-04
LAMA5	124.74	97.46	228.87	0.0002966	0.0208	0.0012
MARCH8	221.33	170.12	358.25	0.0003039	0.0213	0.0012
AMD1	514.22	210.41	338.06	0.0003045	0.0213	8,00E-04
ANXA2	1248.1	345.21	684.34	0.0003056	0.0213	0.0012
TMOD1	166.15	81.5	180.98	0.0003071	0.0213	0.0016
ADAMTS3	24.77	74.11	30.82	0.0003077	0.0213	0.0014
CMAH	178.73	54.25	75.45	0.0003155	0.0218	0.0022
NRP1	40.1	61.47	40.82	0.0003169	0.0218	4,00E-04
SLC25A37	154.61	85.55	226.71	0.0003209	0.022	5,00E-04
ASMTL	136.38	88.46	70.19	0.0003268	0.0223	4,00E-04
UCP2	1102.47	299.09	1714.7	0.0003299	0.0224	0.0019
CNNM3	302.82	209.9	323.78	0.00033	0.0224	8,00E-04
ETS2	366.05	638.8	201.07	0.0003328	0.0225	8,00E-04
JAG1	23.34	37.66	24.29	0.0003344	0.0226	0.0017
ELK3	74.32	36.42	57.64	0.000336	0.0226	7,00E-04
BUB3	229.61	406.86	251.36	0.0003404	0.0228	6,00E-04
CPD	191.66	113.19	148.8	0.0003465	0.0232	0.0013
ST6GALNAC4	70.85	50.29	73.4	0.0003516	0.0235	3,00E-04
ABCA5	58.69	85.3	72.96	0.0003536	0.0235	2,00E-04
PGF	42.34	74.75	44.67	0.000356	0.0236	0.0013
GRPEL1	148.98	99.5	195.65	0.0003584	0.0237	7,00E-04
FYN	35.19	30.2	51.29	0.0003624	0.0239	5,00E-04
PECAM1	388.68	881.39	932.73	0.0003637	0.0239	0.0015
PSMF1	75.38	47.89	67.26	0.0003769	0.0247	5,00E-04
GNAZ	112.35	102.59	220.33	0.0003868	0.0252	0.0012
LILRA3	41.79	40.64	68.57	0.0003877	0.0252	5,00E-04
ELF4	310.13	547.5	277.78	0.0003901	0.0252	0.0011
BACE1	79.76	144.92	84	0.0003903	0.0252	0.0011
MED27	212.97	255.49	228.73	0.0003907	0.0252	1,00E-04
CPZ	63.41	95.74	63.57	0.0003966	0.0255	0.001
CD59	363.99	167.16	188.45	0.0003971	0.0255	0.0011
EHD3	61.94	31.44	127.05	0.0003981	0.0255	0.0013
RAB4A	194.95	83.05	101.83	0.0004026	0.0257	0.001
ITPR1	129.07	55.94	89.38	0.0004039	0.0257	3,00E-04
BRD2	1113.72	1740.93	1626.07	0.0004047	0.0257	3,00E-04
ASS1	75.12	244	73	0.0004067	0.0257	0.0016
NCRNA00081	50.52	36.73	67.45	0.0004095	0.0258	8,00E-04
DNAJC6	107.63	29.09	88.02	0.0004167	0.0262	7,00E-04
PTPRC	1648.34	808.6	1906.99	0.0004171	0.0262	0.0016

LPCAT4	40.31	68.36	33.21	0.0004185	0.0262	8,00E-04
PTGER2	95.01	31.8	56.02	0.0004209	0.0263	0.0011
PDCD4	42.31	24.39	47.6	0.0004253	0.0265	5,00E-04
NA	28.91	38.53	28.8	0.000438	0.0272	3,00E-04
GNB5	77.31	53.9	246.83	0.0004395	0.0272	6,00E-04
BNIP3	61.32	101.53	68.24	0.0004405	0.0272	0.001
RBPJ	810.22	1435.58	891.66	0.0004472	0.0275	7,00E-04
AUH	48.11	104.98	55.93	0.0004642	0.0285	0.0016
NA	102.73	138.72	111.5	0.0004677	0.0286	6,00E-04
LRFN4	100.14	154.18	78.86	0.0004719	0.0288	7,00E-04
ITGB3	98.84	104.54	404.37	0.0004772	0.0291	0.0022
TLE4	56.78	179.14	76.59	0.0004797	0.0291	0.0013
PITPNC1	101.38	282.46	182.05	0.0004798	0.0291	0.0013
DACT1	29.48	26.14	43.12	0.000484	0.0291	0.0011
FECH	359.53	162.45	355.32	0.0004844	0.0291	0.0015
TFR2	445.46	63.63	290.49	0.0004845	0.0291	0.001
NA	236.41	402.44	219.56	0.000487	0.0292	0.0018
INPP5A	201.57	109.41	251.42	0.0004966	0.0297	0.0015
GAS2L1	44.24	32.83	59.64	0.0005018	0.0299	5,00E-04
MMD	109.82	189.19	214.13	0.000507	0.0301	7,00E-04
ELL2	32.71	45.8	33.55	0.0005204	0.0308	6,00E-04
TALDO1	1244.43	404.32	905.74	0.0005259	0.031	0.0017
SLITRK5	58.36	212.61	68.16	0.0005266	0.031	0.0023
CHD4	341.4	579.01	383.69	0.0005274	0.031	0.001
PGAP2	210.17	150.24	175.39	0.0005288	0.031	4,00E-04
PTPRC	699.9	301.02	759.35	0.0005326	0.0311	0.0011
BRD2	829.14	1298.54	1248.91	0.0005393	0.0315	0.0011
STAT5B	443.09	239.86	429.56	0.0005426	0.0316	0.0019
PGCP	208.6	117.99	161.11	0.000545	0.0316	0.001
CYP2E1	46.84	92.09	43.6	0.0005489	0.0318	0.0021
CD44	442.63	2201.88	448.64	0.0005522	0.0319	0.0016
CD44	501	1952.15	474.57	0.0005579	0.0321	0.0016
CLCN3	20.59	16.06	33.71	0.0005585	0.0321	0.0017
TCF7L2	118.9	230.66	116.09	0.0005599	0.0321	0.0013
RNF219	29.3	61.7	33.32	0.0005669	0.0324	0.0016
WT1	64.14	251.84	66.72	0.0005677	0.0324	0.0023
RRP1B	168.74	66.27	171.33	0.0005862	0.0333	0.0018
VEZF1	222.55	101.98	186.04	0.0005877	0.0333	7,00E-04
ZNF174	74.62	88.51	69.98	0.0005916	0.0334	3,00E-04
TCEA1	1082.78	637.71	839.77	0.0005933	0.0334	0.0016
WT1	90.2	223.36	74.56	0.0005941	0.0334	0.0021
GATA3	133.96	393.62	227.43	0.0006042	0.0339	0.0021
ADD3	198.2	102.55	531.7	0.0006048	0.0339	0.001
RAB38	72.88	189.57	87.8	0.0006113	0.034	0.0015
MT2A	1383.71	4501.08	1085.55	0.000613	0.034	0.0016
CYP2E1	17.78	25.36	16.34	0.0006138	0.034	0.0015
EFHD2	251.1	121.02	196.5	0.0006141	0.034	0.0019
PER2	88.06	45.13	62.82	0.0006199	0.0343	0.0018
FBXO22	36.35	43.61	35.51	0.000625	0.0345	2,00E-04
CLCN3	157.11	91.31	228.66	0.0006265	0.0345	0.001
GNB5	89.22	82.64	239.46	0.0006357	0.0349	3,00E-04
MT1X	208.53	681.25	163.32	0.0006382	0.0349	6,00E-04
TACC1	894.36	451.69	1142.86	0.0006385	0.0349	0.0017
CTSH	184.62	697.2	241.72	0.0006568	0.0358	0.002
GTPBP3	126.16	157.16	120.81	0.0006706	0.0364	6,00E-04
SPOCK1	51.2	220.51	57.22	0.0006727	0.0365	0.0027
SLC3A2	361.49	555.37	398.87	0.0006807	0.0368	5,00E-04
HS3ST3A1	13.74	14.24	36.01	0.0006817	0.0368	0.0023
PTGER3	58.02	38.81	100.39	0.0006896	0.0371	0.0015
SMAD3	212.52	432.59	150.91	0.0006933	0.0372	0.0012
RGS10	74.5	56.95	90.93	0.0006951	0.0372	0.0013

MCF2L	167.72	213.87	222.94	0.0006989	0.0373	0.0016
SEPP1	41.07	210.09	37.02	0.0006996	0.0373	0.002
FAM176B	141.06	214.72	133.83	0.0007036	0.0374	0.0022
BICC1	43.55	70.69	40.16	0.0007046	0.0374	0.0011
CYP2E1	36.92	66.27	36.02	0.0007166	0.0379	0.0018
KIAA0323	312.34	195.06	348.99	0.0007186	0.0379	0.0021
LONRF3	76.23	93.33	74.03	0.0007219	0.038	4,00E-04
SYNCRIP	834.17	434.97	686.62	0.000725	0.038	0.0015
VPS37C	98.9	90.2	146.89	0.0007256	0.038	0.0012
WNK1	462.83	645.34	694.71	0.0007257	0.038	9,00E-04
IL6ST	92.21	85.59	344.42	0.0007369	0.0385	0.0023
GAPDHS	27.76	35.2	26.28	0.0007562	0.0394	0.002
USP18	41.25	49.41	61.03	0.0007625	0.0396	7,00E-04
BLVRA	373.42	164.85	422.77	0.0007757	0.0401	0.0017
CD9	365.44	64.22	873.26	0.0007757	0.0401	0.0029
INSIG2	34.87	69.45	38.35	0.0007796	0.0401	0.0022
SLC16A1	32.34	22.58	33.84	0.0007812	0.0401	8,00E-04
EPS8L1	89.33	110.54	74.2	0.0007825	0.0401	8,00E-04
ATP9A	39.85	92.35	31.94	0.000783	0.0401	0.0013
PMP22	56.63	106.9	61.72	0.0007883	0.0403	0.0018
DAZAP2	2133.73	1310.73	2061.67	0.0007974	0.0405	0.0022
FAM190B	164.4	243.05	188.4	0.0008011	0.0405	0.0015
MT1X	785.95	2448.32	592.46	0.0008015	0.0405	0.0013
PLOD1	129.19	94.78	122.02	0.0008021	0.0405	0.0014
PLXNC1	160.91	51.83	69.34	0.0008031	0.0405	0.0012
ELL2	96.91	331.86	104.78	0.0008032	0.0405	0.002
ZNF93	110.66	186.83	121.78	0.0008065	0.0406	0.0017
BMP2	117.98	901.48	64.46	0.0008084	0.0406	0.0025
ABLIM1	333.55	93.28	605	0.0008246	0.0411	0.0021
RNF138	468.15	288.56	510.98	0.0008247	0.0411	0.0013
CXXC4	52.28	82.83	49.65	0.0008287	0.0411	0.001
SLC24A3	18.97	30.7	34.61	0.0008287	0.0411	0.0025
SPI1	191.85	99.07	151.11	0.0008327	0.0411	0.0016
ARHGEF3	93.35	108.37	282.93	0.0008335	0.0411	0.0018
CD53	1465.81	449.24	1463.04	0.0008344	0.0411	0.0022
PLXNB2	323.68	901.62	399.72	0.0008344	0.0411	0.0029
NA	192.96	183.1	376.77	0.0008427	0.0413	4,00E-04
AMMECR1	109.39	44.24	140.39	0.0008433	0.0413	0.0025
GAMT	125.67	79.76	86.7	0.0008443	0.0413	0.0021
SMAD3	146.97	293.58	116.73	0.0008553	0.0418	0.0018
ERG	141.27	476.69	71.92	0.000863	0.0421	0.0022
MAP4	143.37	187.07	125.07	0.0008691	0.0423	0.0014
FRY	63.64	25.69	58.46	0.0008834	0.0429	0.0031
SLC35F2	85.11	60.48	73.33	0.0009027	0.0437	0.0016
NA	463.65	276.72	547.38	0.0009155	0.0443	0.0022
IRF5	232.35	433.54	203.63	0.0009191	0.0443	0.0018
SLC24A3	58.65	164.38	166.29	0.0009337	0.0449	0.0032
DIAPH2	61.49	100.86	53.23	0.0009413	0.045	0.0015
PRR5L	17.4	27.86	13.77	0.0009436	0.045	0.0019
FYB	123	133.47	323.56	0.0009437	0.045	0.0026
C21orf96	425.09	945.06	429.05	0.0009439	0.045	0.0024
CHMP7	95.95	95.08	242.94	0.0009483	0.0452	0.0011
ITPR1	47.18	29.43	37.77	0.0009558	0.0454	0.0017
MAB21L1	23.5	20.91	76.86	0.0009727	0.0461	7,00E-04
TAX1BP3	186.67	418.85	307.34	0.0009815	0.0464	0.0024
SRGAP3	49.5	62.2	43.49	0.0009863	0.0466	0.0012

FDR, false discovery rate. List of genes differentially expressed between OTT-MAL, CBFA2T3-GLIS2, and other non-DS AMKLs.

Table S2. Intersection between RNA-seq and microarray expression analyses

Gene name	Fold change	
	RNA-seq	Microarrays
Common signature of CBFA2T3-GLIS2 samples		
<i>TNFAIP3</i>	11.8	2.941176471
<i>LTC4S</i>	12.01	9.090909091
<i>MDFIC</i>	14.45	2.380952381
<i>HOPX</i>	14.52	11.36363636
<i>GNLY</i>	16.38	9.090909091
<i>ALX3</i>	16.83	3.125
<i>GATA3</i>	18.21	2.941176471
<i>SPINK2</i>	21.67	13.15789474
<i>SLC4A4</i>	24.71	3.03030303
<i>IGFBP7</i>	27.1	8.333333333
<i>CD3D</i>	35.93	3.225806452
<i>SPOCK1</i>	55.88	4.166666667
<i>CLSTN2</i>	74.09	2.564102564
<i>BMP2</i>	87.99	8.333333333
<i>NCAM1</i>	201.67	35.71428571
<i>ACE2</i>	206.34	9.090909091
<i>DOK5</i>	515.78	5.882352941
Common signature of OTT-MAL samples		
<i>CCND2</i>	-9,227.26	-3.25
<i>CD53</i>	-7,140.66	4.545454545
<i>SMAD3</i>	-5,352.23	-4.45
<i>MFNG</i>	-2,787.57	4.545454545
<i>PRKCH</i>	-1,173.24	5.882352941
<i>ERG</i>	-1,005.42	-10.27
<i>INSR</i>	-897.55	-2.23
<i>HCLS1</i>	-654.96	5.263157895
<i>IGF2BP2</i>	-228.38	-7.3
<i>IRF5</i>	-172.91	-2.04
<i>PIK3CD</i>	-158.26	3.703703704
<i>ETS2</i>	-137.74	-4.36
<i>ABLIM1</i>	-100.54	10.63829787
<i>TUBA4A</i>	-91.21	3.333333333
<i>HHEX</i>	-52.07	-3.5
<i>GPR56</i>	-32.51	-3.89
<i>MX2</i>	7.61	2
<i>S100A6</i>	7.7	2.777777778
<i>PARP12</i>	7.76	2.272727273
<i>IFITM3</i>	11.22	2.631578947
<i>AK1</i>	11.45	2.631578947
<i>PRDX2</i>	16.35	10.52631579
<i>IFITM1</i>	17.03	4.761904762
<i>IRS2</i>	40.16	9.090909091