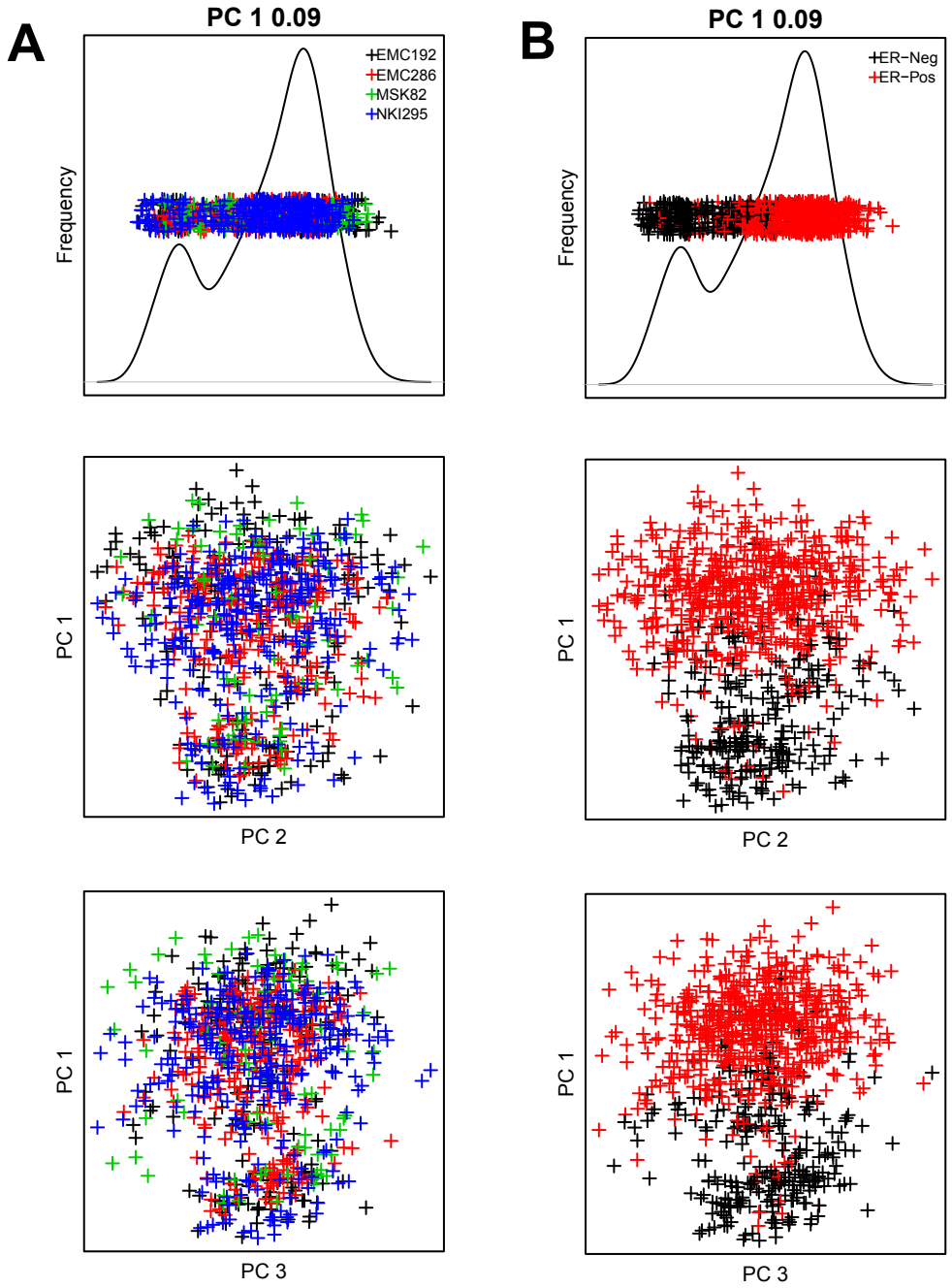
Supplemental Table 1

Module Name	SAM Fold Change	SAM statistic	SAM q-value(%)	Top GO BP Term
ECM	0.925066985	-2.206647375	0	cell adhesion
MM_Green1	0.921426605	-2.070898374	0	cell adhesion
MM_Green20	0.916312804	-2.16781447	0	cell adhesion
MM_Red9	0.911965395	-2.228035347	0	response to wounding
HS_Red3	0.882825748	-2.076421672	0	cell adhesion
HS_Green4	0.882029479	-2.343697621	0	cell adhesion
MVEGFC	0.87174068	-2.733978471	0	extracellular matrix organization
SDDP	0.843887655	-2.183204007	0	T cell activation
HS_Red7	0.841144303	-2.412397532	0	cell adhesion
MECM	0.839578102	-2.434180239	0	extracellular matrix organization
Fibromatosis	0.837814703	-2.361751552	0	cell adhesion
HS_Green9	0.789094653	-2.311605525	0	cell adhesion
HS_Red21	0.77468639	-2.422511041	0	cell adhesion
Fibroblast_Cluster	0.73082907	-2.653199838	0	cell adhesion

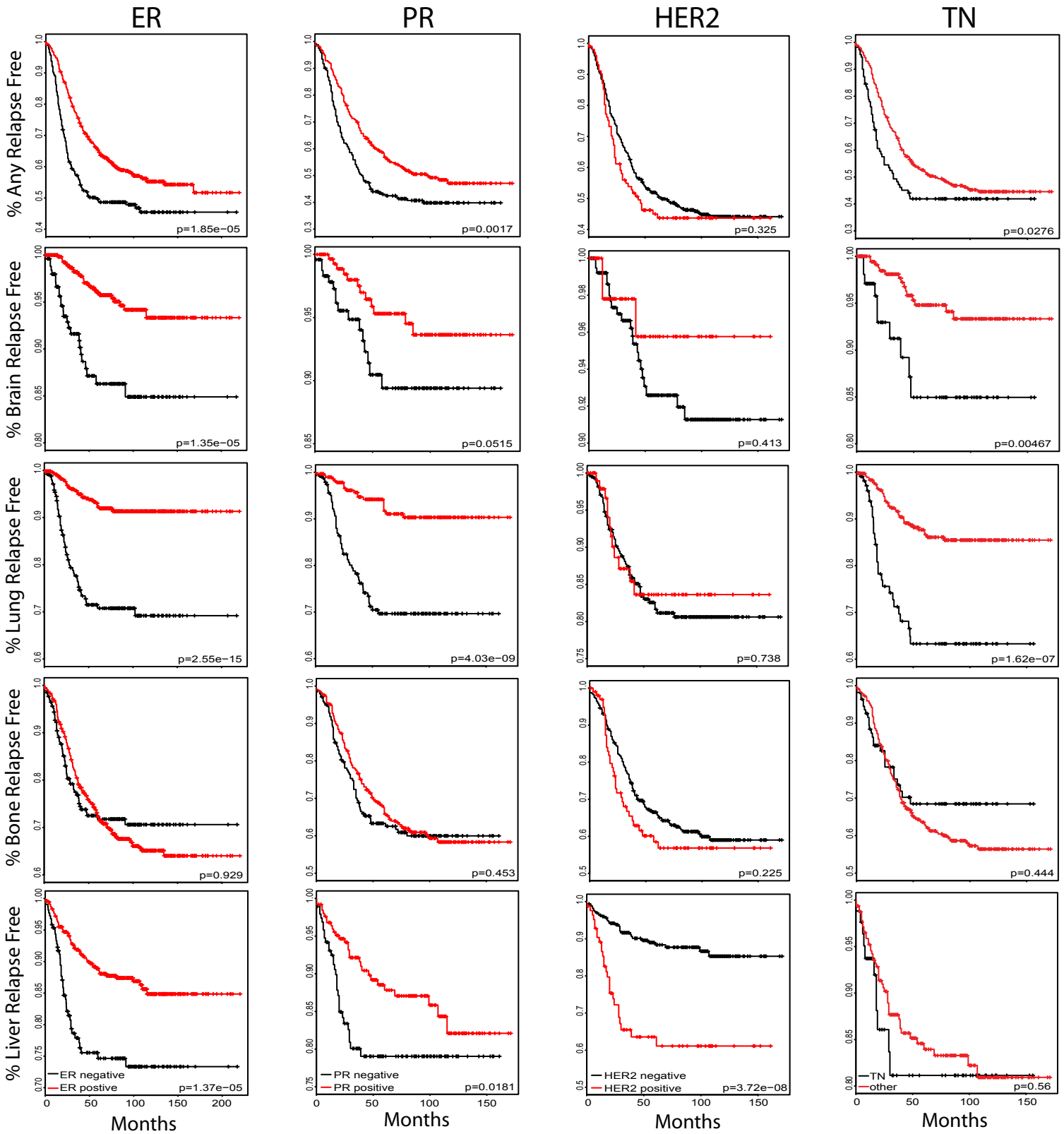
Supplemental Table 2

Dataset	GEO	# of Tumors	Treatment		Age	ER			PR			HER2			LN	
			Chemotherapy	Hormonal	Years (mean)	+	-	N/A	+	-	N/A	+	-	N/A	+	-
EMC286	GSE2034	286	0%	0%	54	209	77	0	166	107	13	207	46	33	0	286
EMC192	GSE12276	192	19%	20%	52	116	73	3	92	90	10	38	132	22	0	192
MSK82	GSE2603	82	84%	65%	56	46	36	0	36	46	0	18	58	6	54	28
NKI295	N/A	295	37%	14%	44	225	70	0	0	0	295	0	0	295	104	191
Combined	N/A	855	25%	15%	50	596	256	3	294	243	318	263	236	356	158	697

Supplemental Figure 1



Supplemental Figure 2



Supplemental Table 3

See excel file for complete table

GEO array#	GEO#	Cohort	Other Patient ID	Subtype	MFS	Any relapse	Brain relapse	Lung relapse	Bone relapse	Liver relapse
GSM308258	GSE12276	EMC192	chemo3	Basal	23	1	0	0	0	0
GSM308261	GSE12276	EMC192	chemo6	Basal	18	1	1	1	0	1
GSM308273	GSE12276	EMC192	chemo18	Basal	19	1	0	1	0	0
GSM308275	GSE12276	EMC192	chemo20	Basal	7	1	0	0	1	0
GSM308281	GSE12276	EMC192	chemo26	Basal	5	1	0	0	0	0
GSM308283	GSE12276	EMC192	chemo28	Basal	13	1	0	0	0	1
GSM308285	GSE12276	EMC192	chemo30	Basal	7	1	0	0	0	1
GSM308295	GSE12276	EMC192	chemo40	Basal	11	1	0	1	0	0
GSM308301	GSE12276	EMC192	chemo46	Basal	15	0	0	0	0	0
GSM308307	GSE12276	EMC192	chemo52	Basal	29	1	1	1	0	1
GSM308309	GSE12276	EMC192	chemo54	Basal	20	1	0	0	1	0
GSM308311	GSE12276	EMC192	chemo56	Basal	36	1	0	0	1	0
GSM308312	GSE12276	EMC192	chemo57	Basal	115	0	0	0	0	0
GSM308319	GSE12276	EMC192	chemo63	Basal	15	1	0	1	1	0
GSM308324	GSE12276	EMC192	chemo68	Basal	14	1	0	1	1	0
GSM308328	GSE12276	EMC192	chemo72	Basal	16	1	0	1	0	0
GSM308329	GSE12276	EMC192	chemo73	Basal	1	0	0	0	0	0
GSM308330	GSE12276	EMC192	chemo74	Basal	0	1	0	0	1	0
GSM308333	GSE12276	EMC192	chemo77	Basal	18	1	0	1	0	0
GSM308335	GSE12276	EMC192	chemo79	Basal	50	1	0	0	0	0
GSM308336	GSE12276	EMC192	chemo80	Basal	8	1	0	0	0	1
GSM308338	GSE12276	EMC192	chemo82	Basal	10	1	0	1	0	0
GSM308339	GSE12276	EMC192	chemo83	Basal	3	1	0	1	0	0
GSM308348	GSE12276	EMC192	chemo92	Basal	25	1	0	0	1	0
GSM308354	GSE12276	EMC192	chemo98	Basal	21	1	0	0	1	0
GSM308356	GSE12276	EMC192	chemo100	Basal	18	1	0	1	0	0
GSM308357	GSE12276	EMC192	chemo101	Basal	16	0	0	0	0	0
GSM308365	GSE12276	EMC192	chemo109	Basal	11	1	0	0	0	0
GSM308374	GSE12276	EMC192	chemo118	Basal	6	1	1	0	0	0
GSM308376	GSE12276	EMC192	chemo120	Basal	6	1	0	0	0	0

GSM308377	GSE12276	EMC192	chemo121	Basal	19	1	0	0	0	1
GSM308378	GSE12276	EMC192	chemo122	Basal	15	1	0	1	0	0
GSM308391	GSE12276	EMC192	chemo135	Basal	7	1	0	1	0	1
GSM308393	GSE12276	EMC192	chemo137	Basal	33	1	0	1	1	0
GSM308394	GSE12276	EMC192	chemo138	Basal	22	1	0	1	0	0
GSM308398	GSE12276	EMC192	chemo142	Basal	12	1	0	0	0	0
GSM308404	GSE12276	EMC192	chemo148	Basal	8	1	0	0	1	0
GSM308407	GSE12276	EMC192	chemo151	Basal	94	1	0	0	0	0
GSM308408	GSE12276	EMC192	chemo152	Basal	4	1	0	0	1	0
GSM308443	GSE12276	EMC192	BV31	Basal	14	1	0	0	0	0
GSM36795	GSE2034	EMC286	855	Basal	88	0	0	0	0	0
GSM36797	GSE2034	EMC286	6	Basal	9	1	0	1	1	0
GSM36798	GSE2034	EMC286	7	Basal	106	0	0	0	0	0
GSM36808	GSE2034	EMC286	292	Basal	58	0	0	0	0	0
GSM36817	GSE2034	EMC286	627	Basal	113	0	0	0	0	0
GSM36822	GSE2034	EMC286	710	Basal	50	0	0	0	0	0
GSM36823	GSE2034	EMC286	630	Basal	119	0	0	0	0	0
GSM36824	GSE2034	EMC286	712	Basal	86	0	0	0	0	0
GSM36828	GSE2034	EMC286	633	Basal	76	0	0	0	0	0
GSM36833	GSE2034	EMC286	637	Basal	54	0	0	0	0	0
GSM36835	GSE2034	EMC286	14	Basal	14	1	0	1	0	0
GSM36846	GSE2034	EMC286	805	Basal	103	0	0	0	0	0
GSM36847	GSE2034	EMC286	806	Basal	85	0	0	0	0	0
GSM36862	GSE2034	EMC286	29	Basal	25	1	0	0	1	0
GSM36875	GSE2034	EMC286	37	Basal	7	1	1	0	0	0
GSM36876	GSE2034	EMC286	38	Basal	133	0	0	0	0	0
GSM36879	GSE2034	EMC286	100	Basal	39	1	0	0	1	1
GSM36890	GSE2034	EMC286	820	Basal	116	0	0	0	0	0
GSM36891	GSE2034	EMC286	109	Basal	87	0	0	0	0	0
GSM36900	GSE2034	EMC286	46	Basal	109	0	0	0	0	0
GSM36901	GSE2034	EMC286	48	Basal	101	0	0	0	0	0
GSM36923	GSE2034	EMC286	121	Basal	23	1	0	1	0	0
GSM36927	GSE2034	EMC286	124	Basal	8	1	0	1	0	0
GSM36931	GSE2034	EMC286	126	Basal	37	1	1	1	0	0
GSM36935	GSE2034	EMC286	844	Basal	114	0	0	0	0	0
GSM36937	GSE2034	EMC286	61	Basal	11	1	0	1	1	0

GSM36939	GSE2034	EMC286	63	Basal	14	1	0	0	1	0
GSM36940	GSE2034	EMC286	64	Basal	134	0	0	0	0	0
GSM36941	GSE2034	EMC286	65	Basal	9	0	0	0	0	0
GSM36949	GSE2034	EMC286	215	Basal	6	1	0	0	1	0
GSM36953	GSE2034	EMC286	135	Basal	84	0	0	0	0	0
GSM36960	GSE2034	EMC286	696	Basal	51	1	1	0	0	0
GSM36966	GSE2034	EMC286	74	Basal	90	0	0	0	0	0
GSM36969	GSE2034	EMC286	79	Basal	32	1	0	1	0	0
GSM36977	GSE2034	EMC286	780	Basal	124	0	0	0	0	0
GSM36981	GSE2034	EMC286	864	Basal	87	0	0	0	0	0
GSM36991	GSE2034	EMC286	84	Basal	114	0	0	0	0	0
GSM37002	GSE2034	EMC286	236	Basal	16	1	1	0	0	1
GSM37017	GSE2034	EMC286	90	Basal	108	0	0	0	0	0
GSM37021	GSE2034	EMC286	94	Basal	109	0	0	0	0	0
GSM37022	GSE2034	EMC286	96	Basal	30	1	0	0	0	1
GSM37027	GSE2034	EMC286	241	Basal	17	1	0	1	0	0
GSM37045	GSE2034	EMC286	894	Basal	123	0	0	0	0	0
GSM37047	GSE2034	EMC286	772	Basal	108	0	0	0	0	0
GSM37053	GSE2034	EMC286	264	Basal	33	1	0	0	1	0
GSM50035	GSE2603	MSK82	B114.T	Basal	22.1	1	0	1	0	NA
GSM50040	GSE2603	MSK82	B57.T	Basal	90.8	0	0	0	0	NA
GSM50042	GSE2603	MSK82	B61.T	Basal	52.9	0	0	0	0	NA
GSM50046	GSE2603	MSK82	B67.T	Basal	96.5	0	0	0	0	NA
GSM50052	GSE2603	MSK82	B75.T	Basal	54.7	0	0	0	0	NA
GSM50067	GSE2603	MSK82	B50.T	Basal	9.2	1	0	1	0	NA
GSM50078	GSE2603	MSK82	B112.T	Basal	83.8	0	0	0	0	NA
GSM50079	GSE2603	MSK82	B115.T	Basal	78.2	0	0	0	0	NA
GSM50093	GSE2603	MSK82	B97.T	Basal	94.3	0	0	0	0	NA
GSM50094	GSE2603	MSK82	B103.T	Basal	38.6	1	1	1	1	NA
GSM50102	GSE2603	MSK82	B94.T	Basal	8	0	0	0	0	NA
GSM50103	GSE2603	MSK82	B95.T	Basal	22.1	1	0	1	0	NA
GSM50107	GSE2603	MSK82	B10.T	Basal	74.5	0	0	0	0	NA
GSM50110	GSE2603	MSK82	B13.T	Basal	62.3	0	0	0	0	NA
GSM50112	GSE2603	MSK82	B15.T	Basal	14.2	1	0	1	1	NA
GSM50119	GSE2603	MSK82	B26.T	Basal	50.2	0	0	0	0	NA
GSM50123	GSE2603	MSK82	B2.T	Basal	46.8	0	0	0	0	NA

PNAS 103 + Nature 103	NKI295	NKI295	103	Basal	59.4	1	0	0	0	1
PNAS 131	NKI295	NKI295	131	Basal	56	0	0	0	0	0
PNAS 134	NKI295	NKI295	134	Basal	83.9	0	0	0	0	0
PNAS 135	NKI295	NKI295	135	Basal	112	0	0	0	0	0
PNAS 144	NKI295	NKI295	144	Basal	169.5	0	0	0	0	0
PNAS 175	NKI295	NKI295	175	Basal	91.1	1	1	0	1	1
PNAS 179	NKI295	NKI295	179	Basal	153.2	0	0	0	0	0
PNAS 189	NKI295	NKI295	189	Basal	144.9	0	0	0	0	0
PNAS 195	NKI295	NKI295	195	Basal	138.5	0	0	0	0	0
PNAS 199	NKI295	NKI295	199	Basal	130.9	0	0	0	0	0
PNAS 202	NKI295	NKI295	202	Basal	40.5	1	1	0	0	1
PNAS 215	NKI295	NKI295	215	Basal	124.2	0	0	0	0	0
PNAS 222 + Nature 112	NKI295	NKI295	222	Basal	27	0	0	0	0	0
PNAS 226 + Nature 81	NKI295	NKI295	226	Basal	105.5	0	0	0	0	0
PNAS 228 + Nature 50	NKI295	NKI295	228	Basal	14.7	1	1	0	1	1
PNAS 230 + Nature 53	NKI295	NKI295	230	Basal	3.3	1	0	0	0	1
PNAS 238 + Nature 65	NKI295	NKI295	238	Basal	22.1	0	0	0	0	0
PNAS 241 + Nature 67	NKI295	NKI295	241	Basal	24	1	0	1	0	0
PNAS 245	NKI295	NKI295	245	Basal	138.5	0	0	0	0	0
PNAS 263	NKI295	NKI295	263	Basal	26.7	1	0	1	1	0
PNAS 265	NKI295	NKI295	265	Basal	81.5	0	0	0	0	0
PNAS 267	NKI295	NKI295	267	Basal	83.2	0	0	0	0	0
PNAS 268	NKI295	NKI295	268	Basal	85.1	0	0	0	0	0
PNAS 269	NKI295	NKI295	269	Basal	11.2	1	0	0	0	1
PNAS 307	NKI295	NKI295	307	Basal	23.6	1	0	1	1	0
PNAS 310	NKI295	NKI295	310	Basal	109.2	0	0	0	0	0
PNAS 324	NKI295	NKI295	324	Basal	106.3	0	0	0	0	0
PNAS 326	NKI295	NKI295	326	Basal	99.6	0	0	0	0	0
PNAS 332	NKI295	NKI295	332	Basal	95.9	0	0	0	0	0
PNAS 335	NKI295	NKI295	335	Basal	89.7	0	0	0	0	0
PNAS 377	NKI295	NKI295	377	Basal	102.3	1	0	1	0	0
PNAS 398 + Nature 20	NKI295	NKI295	398	Basal	101.1	0	0	0	0	0
PNAS 402	NKI295	NKI295	402	Basal	88.5	0	0	0	0	0
PNAS 48 + Nature 48	NKI295	NKI295	48	Basal	12.3	1	1	1	0	1
PNAS 56 + Nature 56	NKI295	NKI295	56	Basal	56.3	1	0	0	1	0
PNAS 57 + Nature 57	NKI295	NKI295	57	Basal	27.6	1	0	1	0	0

PNAS 71 + Nature 71	NKI295	NKI295	71	Basal	23.8	1	0	0	0	1
PNAS 8 + Nature 8	NKI295	NKI295	8	Basal	105.6	0	0	0	0	0
GSM308271	GSE12276	EMC192	chemo16	Claudin	29	0	0	0	0	0
GSM308274	GSE12276	EMC192	chemo19	Claudin	29	0	0	0	0	0
GSM308280	GSE12276	EMC192	chemo25	Claudin	16	1	1	0	0	0
GSM308291	GSE12276	EMC192	chemo36	Claudin	25	1	1	1	0	0
GSM308302	GSE12276	EMC192	chemo47	Claudin	24	1	0	1	0	0
GSM308313	GSE12276	EMC192	chemo58	Claudin	4	1	0	1	0	0
GSM308314	GSE12276	EMC192	chemo59	Claudin	8	1	0	1	0	0
GSM308334	GSE12276	EMC192	chemo78	Claudin	23	0	0	0	0	0
GSM308341	GSE12276	EMC192	chemo85	Claudin	17	0	0	0	0	0
GSM308346	GSE12276	EMC192	chemo90	Claudin	13	1	0	1	0	0
GSM308350	GSE12276	EMC192	chemo94	Claudin	15	1	0	0	1	0
GSM308352	GSE12276	EMC192	chemo96	Claudin	0	1	0	0	1	1
GSM308364	GSE12276	EMC192	chemo108	Claudin	29	1	0	0	1	0
GSM308366	GSE12276	EMC192	chemo110	Claudin	58	1	1	0	0	0
GSM308380	GSE12276	EMC192	chemo124	Claudin	7	0	0	0	0	0
GSM308381	GSE12276	EMC192	chemo125	Claudin	115	1	0	0	0	1
GSM308385	GSE12276	EMC192	chemo129	Claudin	27	1	0	0	1	0
GSM308387	GSE12276	EMC192	chemo131	Claudin	4	1	0	0	0	0
GSM308388	GSE12276	EMC192	chemo132	Claudin	17	0	0	0	0	0
GSM308415	GSE12276	EMC192	BV3	Claudin	50	1	0	0	1	0
GSM308430	GSE12276	EMC192	BV18	Claudin	55	1	0	1	0	0
GSM308449	GSE12276	EMC192	BV37	Claudin	47	1	0	1	0	0
GSM308460	GSE12276	EMC192	BV48	Claudin	107	1	0	0	1	1
GSM36788	GSE2034	EMC286	609	Claudin	79	0	0	0	0	0
GSM36794	GSE2034	EMC286	791	Claudin	87	0	0	0	0	0
GSM36809	GSE2034	EMC286	293	Claudin	56	0	0	0	0	0
GSM36811	GSE2034	EMC286	620	Claudin	62	1	0	0	1	0
GSM36816	GSE2034	EMC286	707	Claudin	98	0	0	0	0	0
GSM36818	GSE2034	EMC286	546	Claudin	62	1	0	1	0	0
GSM36826	GSE2034	EMC286	550	Claudin	58	0	0	0	0	0
GSM36827	GSE2034	EMC286	713	Claudin	156	0	0	0	0	0
GSM36854	GSE2034	EMC286	647	Claudin	105	0	0	0	0	0
GSM36855	GSE2034	EMC286	20	Claudin	128	0	0	0	0	0
GSM36865	GSE2034	EMC286	813	Claudin	103	0	0	0	0	0

GSM36886	GSE2034	EMC286	107	Claudin	94	0	0	0	0	0
GSM36889	GSE2034	EMC286	901	Claudin	108	0	0	0	0	0
GSM36902	GSE2034	EMC286	49	Claudin	28	1	1	0	0	0
GSM36903	GSE2034	EMC286	110	Claudin	8	1	0	0	1	0
GSM36905	GSE2034	EMC286	112	Claudin	17	1	0	0	0	1
GSM36909	GSE2034	EMC286	118	Claudin	95	0	0	0	0	0
GSM36912	GSE2034	EMC286	833	Claudin	97	0	0	0	0	0
GSM36918	GSE2034	EMC286	55	Claudin	11	1	0	0	1	0
GSM36932	GSE2034	EMC286	841	Claudin	96	0	0	0	0	0
GSM36936	GSE2034	EMC286	845	Claudin	109	0	0	0	0	0
GSM36944	GSE2034	EMC286	68	Claudin	112	0	0	0	0	0
GSM36952	GSE2034	EMC286	216	Claudin	13	0	0	0	0	0
GSM36959	GSE2034	EMC286	774	Claudin	120	0	0	0	0	0
GSM37000	GSE2034	EMC286	779	Claudin	137	0	0	0	0	0
GSM37009	GSE2034	EMC286	793	Claudin	122	0	0	0	0	0
GSM37040	GSE2034	EMC286	255	Claudin	6	1	1	1	0	1
GSM37043	GSE2034	EMC286	890	Claudin	161	0	0	0	0	0
GSM37050	GSE2034	EMC286	261	Claudin	18	0	0	0	0	0
GSM37051	GSE2034	EMC286	262	Claudin	18	1	0	1	0	0
GSM37052	GSE2034	EMC286	263	Claudin	32	0	0	0	0	0
GSM37058	GSE2034	EMC286	271	Claudin	64	1	0	0	1	0
GSM50045	GSE2603	MSK82	B66.T	Claudin	129	0	0	0	0	NA
GSM50048	GSE2603	MSK82	B69.T	Claudin	72.8	0	0	0	0	NA
GSM50054	GSE2603	MSK82	B77.T	Claudin	48.6	0	0	0	0	NA
GSM50061	GSE2603	MSK82	B44.T	Claudin	47.5	1	1	1	1	NA
GSM50063	GSE2603	MSK82	B46.T	Claudin	37.3	1	0	1	0	NA
GSM50066	GSE2603	MSK82	B49.T	Claudin	14.9	1	0	1	1	NA
GSM50073	GSE2603	MSK82	B102.T	Claudin	87	0	0	0	0	NA
GSM50075	GSE2603	MSK82	B105.T	Claudin	87.8	0	0	0	0	NA
GSM50096	GSE2603	MSK82	B109.T	Claudin	16.6	1	0	1	0	NA
GSM50106	GSE2603	MSK82	B7.T	Claudin	19	1	0	1	0	NA
PNAS 12 + Nature 12	NKI295	NKI295	12	Claudin	94.3	0	0	0	0	0
PNAS 164	NKI295	NKI295	164	Claudin	68	0	0	0	0	0
PNAS 182	NKI295	NKI295	182	Claudin	135.8	0	0	0	0	0
PNAS 184	NKI295	NKI295	184	Claudin	14.5	1	0	1	0	0
PNAS 186	NKI295	NKI295	186	Claudin	140.9	0	0	0	0	0

PNAS 194	NKI295	NKI295	194	Claudin	149.6	0	0	0	0	0
PNAS 197	NKI295	NKI295	197	Claudin	132.6	0	0	0	0	0
PNAS 212	NKI295	NKI295	212	Claudin	145.7	0	0	0	0	0
PNAS 219	NKI295	NKI295	219	Claudin	118	0	0	0	0	0
PNAS 237 + Nature 68	NKI295	NKI295	237	Claudin	13.8	1	0	0	0	1
PNAS 248 + Nature 87	NKI295	NKI295	248	Claudin	59.2	0	0	0	0	0
PNAS 270	NKI295	NKI295	270	Claudin	35.5	0	0	0	0	0
PNAS 276	NKI295	NKI295	276	Claudin	7.8	1	1	0	0	0
PNAS 284	NKI295	NKI295	284	Claudin	47	1	0	0	1	1
PNAS 291	NKI295	NKI295	291	Claudin	139.8	0	0	0	0	0
PNAS 304	NKI295	NKI295	304	Claudin	80.5	1	0	0	1	1
PNAS 321	NKI295	NKI295	321	Claudin	18	0	0	0	0	0
PNAS 330	NKI295	NKI295	330	Claudin	62.4	0	0	0	0	0
PNAS 338	NKI295	NKI295	338	Claudin	76.1	0	0	0	0	0
PNAS 344	NKI295	NKI295	344	Claudin	82.5	0	0	0	0	0
PNAS 347	NKI295	NKI295	347	Claudin	56.6	0	0	0	0	0
PNAS 350	NKI295	NKI295	350	Claudin	39.4	0	0	0	0	0
PNAS 36 + Nature 36	NKI295	NKI295	36	Claudin	121.3	0	0	0	0	0
PNAS 73 + Nature 73	NKI295	NKI295	73	Claudin	25.8	1	0	1	1	1
PNAS 75 + Nature 75	NKI295	NKI295	75	Claudin	26.5	1	1	1	0	0
GSM308256	GSE12276	EMC192	chemo1	Her2	3	1	0	0	1	1
GSM308259	GSE12276	EMC192	chemo4	Her2	13	1	0	0	1	0
GSM308265	GSE12276	EMC192	chemo10	Her2	23	1	0	0	1	1
GSM308266	GSE12276	EMC192	chemo11	Her2	3	1	0	0	1	1
GSM308267	GSE12276	EMC192	chemo12	Her2	17	1	0	0	1	1
GSM308269	GSE12276	EMC192	chemo14	Her2	8	1	0	1	0	0
GSM308272	GSE12276	EMC192	chemo17	Her2	14	1	0	0	1	0
GSM308276	GSE12276	EMC192	chemo21	Her2	16	1	0	1	1	0
GSM308278	GSE12276	EMC192	chemo23	Her2	20	1	0	0	0	1
GSM308279	GSE12276	EMC192	chemo24	Her2	20	1	0	1	1	1
GSM308282	GSE12276	EMC192	chemo27	Her2	10	1	0	0	1	0
GSM308286	GSE12276	EMC192	chemo31	Her2	11	1	0	1	0	1
GSM308290	GSE12276	EMC192	chemo35	Her2	6	1	0	0	1	1
GSM308303	GSE12276	EMC192	chemo48	Her2	39	1	1	0	0	0
GSM308305	GSE12276	EMC192	chemo50	Her2	15	1	0	0	1	1
GSM308306	GSE12276	EMC192	chemo51	Her2	28	1	0	1	0	1

GSM308308	GSE12276	EMC192	chemo53	Her2	23	1	0	0	1	0
GSM308320	GSE12276	EMC192	chemo64	Her2	7	1	0	0	0	1
GSM308323	GSE12276	EMC192	chemo67	Her2	18	1	0	1	1	1
GSM308326	GSE12276	EMC192	chemo70	Her2	19	1	1	0	0	0
GSM308342	GSE12276	EMC192	chemo86	Her2	23	1	0	0	0	0
GSM308343	GSE12276	EMC192	chemo87	Her2	12	1	0	0	1	0
GSM308344	GSE12276	EMC192	chemo88	Her2	6	1	0	0	1	0
GSM308349	GSE12276	EMC192	chemo93	Her2	4	1	0	0	1	1
GSM308355	GSE12276	EMC192	chemo99	Her2	0	1	0	0	0	1
GSM308362	GSE12276	EMC192	chemo106	Her2	15	1	0	0	1	1
GSM308370	GSE12276	EMC192	chemo114	Her2	12	1	1	0	0	0
GSM308386	GSE12276	EMC192	chemo130	Her2	5	1	0	0	0	1
GSM308389	GSE12276	EMC192	chemo133	Her2	15	1	0	0	1	1
GSM308401	GSE12276	EMC192	chemo145	Her2	13	1	0	0	1	1
GSM308419	GSE12276	EMC192	BV7	Her2	22	1	0	0	1	0
GSM308440	GSE12276	EMC192	BV28	Her2	5	1	0	0	0	1
GSM36778	GSE2034	EMC286	278	Her2	50	1	0	1	0	0
GSM36780	GSE2034	EMC286	846	Her2	84	0	0	0	0	0
GSM36781	GSE2034	EMC286	765	Her2	147	0	0	0	0	0
GSM36799	GSE2034	EMC286	611	Her2	75	0	0	0	0	0
GSM36802	GSE2034	EMC286	612	Her2	92	0	0	0	0	0
GSM36805	GSE2034	EMC286	290	Her2	100	0	0	0	0	0
GSM36814	GSE2034	EMC286	703	Her2	61	1	0	0	1	1
GSM36821	GSE2034	EMC286	856	Her2	88	0	0	0	0	0
GSM36834	GSE2034	EMC286	11	Her2	109	0	0	0	0	0
GSM36837	GSE2034	EMC286	17	Her2	137	0	0	0	0	0
GSM36838	GSE2034	EMC286	18	Her2	34	1	0	1	1	0
GSM36851	GSE2034	EMC286	646	Her2	100	0	0	0	0	0
GSM36858	GSE2034	EMC286	21	Her2	14	1	0	0	1	1
GSM36860	GSE2034	EMC286	27	Her2	30	1	0	0	1	0
GSM36863	GSE2034	EMC286	857	Her2	98	0	0	0	0	0
GSM36870	GSE2034	EMC286	31	Her2	30	1	0	0	1	0
GSM36872	GSE2034	EMC286	33	Her2	7	1	0	0	0	1
GSM36877	GSE2034	EMC286	39	Her2	43	1	1	0	0	0
GSM36884	GSE2034	EMC286	768	Her2	129	0	0	0	0	0
GSM36892	GSE2034	EMC286	903	Her2	110	0	0	0	0	0

GSM36893	GSE2034	EMC286	741	Her2	124	0	0	0	0	0
GSM36899	GSE2034	EMC286	44	Her2	169	0	0	0	0	0
GSM36904	GSE2034	EMC286	111	Her2	98	0	0	0	0	0
GSM36906	GSE2034	EMC286	113	Her2	101	0	0	0	0	0
GSM36920	GSE2034	EMC286	57	Her2	20	1	0	0	0	1
GSM36926	GSE2034	EMC286	204	Her2	24	1	0	1	0	1
GSM36929	GSE2034	EMC286	125	Her2	93	0	0	0	0	0
GSM36930	GSE2034	EMC286	769	Her2	84	0	0	0	0	0
GSM36933	GSE2034	EMC286	843	Her2	110	0	0	0	0	0
GSM36934	GSE2034	EMC286	763	Her2	171	0	0	0	0	0
GSM36938	GSE2034	EMC286	62	Her2	108	0	0	0	0	0
GSM36954	GSE2034	EMC286	217	Her2	19	1	0	0	1	0
GSM36955	GSE2034	EMC286	136	Her2	25	1	0	0	1	0
GSM36956	GSE2034	EMC286	137	Her2	32	1	0	0	1	0
GSM36961	GSE2034	EMC286	777	Her2	153	0	0	0	0	0
GSM36964	GSE2034	EMC286	71	Her2	12	1	1	0	1	0
GSM36967	GSE2034	EMC286	75	Her2	15	1	0	0	1	0
GSM36968	GSE2034	EMC286	78	Her2	152	0	0	0	0	0
GSM36972	GSE2034	EMC286	222	Her2	37	1	0	0	1	0
GSM36975	GSE2034	EMC286	787	Her2	110	0	0	0	0	0
GSM36992	GSE2034	EMC286	86	Her2	104	0	0	0	0	0
GSM36995	GSE2034	EMC286	852	Her2	113	0	0	0	0	0
GSM36996	GSE2034	EMC286	230	Her2	24	1	0	0	1	0
GSM37014	GSE2034	EMC286	796	Her2	143	0	0	0	0	0
GSM37016	GSE2034	EMC286	879	Her2	108	0	0	0	0	0
GSM37020	GSE2034	EMC286	93	Her2	48	1	0	0	1	0
GSM37023	GSE2034	EMC286	98	Her2	14	1	0	0	1	0
GSM37034	GSE2034	EMC286	853	Her2	88	0	0	0	0	0
GSM37036	GSE2034	EMC286	252	Her2	15	1	0	0	1	0
GSM37042	GSE2034	EMC286	259	Her2	14	0	0	0	0	0
GSM37044	GSE2034	EMC286	891	Her2	112	0	0	0	0	0
GSM37049	GSE2034	EMC286	260	Her2	29	1	0	0	1	1
GSM37054	GSE2034	EMC286	265	Her2	66	0	0	0	0	0
GSM37055	GSE2034	EMC286	267	Her2	59	0	0	0	0	0
GSM50034	GSE2603	MSK82	B110.T	Her2	87	0	0	0	0	NA
GSM50060	GSE2603	MSK82	B43.T	Her2	41.6	1	1	1	0	NA

GSM50065	GSE2603	MSK82	B48.T	Her2	69.7	0	0	0	0	NA
GSM50070	GSE2603	MSK82	B98.T	Her2	40.3	1	0	0	1	NA
GSM50071	GSE2603	MSK82	B100.T	Her2	69.8	0	0	0	0	NA
GSM50085	GSE2603	MSK82	B84.T	Her2	78	0	0	0	0	NA
GSM50086	GSE2603	MSK82	B85.T	Her2	99.7	0	0	0	0	NA
GSM50092	GSE2603	MSK82	B93.T	Her2	77.4	0	0	0	0	NA
GSM50127	GSE2603	MSK82	B3.T	Her2	62.9	0	0	0	0	NA
GSM50130	GSE2603	MSK82	B6.T	Her2	40.3	0	0	0	0	NA
PNAS 109 + Nature 109	NKI295	NKI295	109	Her2	38.3	1	0	1	0	1
PNAS 11 + Nature 11	NKI295	NKI295	11	Her2	69.7	0	0	0	0	0
PNAS 13 + Nature 13	NKI295	NKI295	13	Her2	98	0	0	0	0	0
PNAS 130	NKI295	NKI295	130	Her2	87.6	0	0	0	0	0
PNAS 132	NKI295	NKI295	132	Her2	80.6	0	0	0	0	0
PNAS 136	NKI295	NKI295	136	Her2	41.3	1	0	1	1	0
PNAS 141 + Nature 64	NKI295	NKI295	141	Her2	16.8	1	0	0	1	1
PNAS 147	NKI295	NKI295	147	Her2	19.3	0	0	0	0	0
PNAS 149	NKI295	NKI295	149	Her2	206.9	0	0	0	0	0
PNAS 151	NKI295	NKI295	151	Her2	168.1	1	0	0	0	0
PNAS 153	NKI295	NKI295	153	Her2	14.1	1	0	0	1	1
PNAS 158	NKI295	NKI295	158	Her2	33.7	1	0	1	1	1
PNAS 172	NKI295	NKI295	172	Her2	16.7	0	0	0	0	0
PNAS 177	NKI295	NKI295	177	Her2	107.1	1	0	0	0	0
PNAS 180	NKI295	NKI295	180	Her2	31.4	1	1	0	1	1
PNAS 181	NKI295	NKI295	181	Her2	141.6	0	0	0	0	0
PNAS 208	NKI295	NKI295	208	Her2	128.1	0	0	0	0	0
PNAS 210	NKI295	NKI295	210	Her2	134.4	0	0	0	0	0
PNAS 213	NKI295	NKI295	213	Her2	23.7	1	0	0	1	0
PNAS 217	NKI295	NKI295	217	Her2	20.6	1	1	1	1	1
PNAS 229 + Nature 52	NKI295	NKI295	229	Her2	19.4	1	0	0	0	1
PNAS 236	NKI295	NKI295	236	Her2	29.8	0	0	0	0	0
PNAS 246	NKI295	NKI295	246	Her2	137.4	0	0	0	0	0
PNAS 249	NKI295	NKI295	249	Her2	63.8	0	0	0	0	0
PNAS 251 + Nature 16	NKI295	NKI295	251	Her2	112.9	0	0	0	0	0
PNAS 257	NKI295	NKI295	257	Her2	27.6	0	0	0	0	0
PNAS 258	NKI295	NKI295	258	Her2	61.4	1	1	0	1	1
PNAS 259	NKI295	NKI295	259	Her2	66.2	1	0	0	0	0

PNAS 266	NKI295	NKI295	266	Her2	84.1	0	0	0	0	0
PNAS 273	NKI295	NKI295	273	Her2	84	0	0	0	0	0
PNAS 286	NKI295	NKI295	286	Her2	59.3	0	0	0	0	0
PNAS 288	NKI295	NKI295	288	Her2	4.2	1	0	0	1	0
PNAS 296	NKI295	NKI295	296	Her2	61	0	0	0	0	0
PNAS 306	NKI295	NKI295	306	Her2	122.4	0	0	0	0	0
PNAS 308	NKI295	NKI295	308	Her2	111.9	0	0	0	0	0
PNAS 319	NKI295	NKI295	319	Her2	76.5	1	0	1	1	0
PNAS 325	NKI295	NKI295	325	Her2	106.3	0	0	0	0	0
PNAS 333	NKI295	NKI295	333	Her2	101.9	0	0	0	0	0
PNAS 341	NKI295	NKI295	341	Her2	20.8	1	1	0	1	1
PNAS 351	NKI295	NKI295	351	Her2	78.3	0	0	0	0	0
PNAS 367	NKI295	NKI295	367	Her2	6.9	1	0	0	0	1
PNAS 369	NKI295	NKI295	369	Her2	39.1	1	1	1	1	0
PNAS 371 + Nature 77	NKI295	NKI295	371	Her2	23.6	1	0	0	1	1
PNAS 375	NKI295	NKI295	375	Her2	209.1	0	0	0	0	0
PNAS 392	NKI295	NKI295	392	Her2	74.1	0	0	0	0	0
PNAS 396	NKI295	NKI295	396	Her2	122.8	0	0	0	0	0
PNAS 62 + Nature 62	NKI295	NKI295	62	Her2	9.7	1	0	1	1	1
PNAS 76 + Nature 76	NKI295	NKI295	76	Her2	25.5	1	0	0	1	0
GSM308257	GSE12276	EMC192	chemo2	LumA	25	1	0	0	1	0
GSM308260	GSE12276	EMC192	chemo5	LumA	20	1	0	0	1	0
GSM308263	GSE12276	EMC192	chemo8	LumA	69	1	0	0	0	1
GSM308268	GSE12276	EMC192	chemo13	LumA	38	1	0	1	1	0
GSM308288	GSE12276	EMC192	chemo33	LumA	10	1	0	0	0	1
GSM308292	GSE12276	EMC192	chemo37	LumA	99	1	0	0	1	1
GSM308293	GSE12276	EMC192	chemo38	LumA	5	1	0	0	0	1
GSM308300	GSE12276	EMC192	chemo45	LumA	29	1	0	0	1	1
GSM308304	GSE12276	EMC192	chemo49	LumA	54	1	0	0	0	1
GSM308315	GSE12276	EMC192	chemo60	LumA	60	1	0	1	1	1
GSM308318	GSE12276	EMC192	chemo62	LumA	42	1	0	1	0	0
GSM308327	GSE12276	EMC192	chemo71	LumA	73	0	0	0	0	0
GSM308332	GSE12276	EMC192	chemo76	LumA	38	1	0	0	0	0
GSM308337	GSE12276	EMC192	chemo81	LumA	39	0	0	0	0	0
GSM308345	GSE12276	EMC192	chemo89	LumA	30	1	0	0	0	1
GSM308351	GSE12276	EMC192	chemo95	LumA	30	0	0	0	0	0

GSM308353	GSE12276	EMC192	chemo97	LumA	64	0	0	0	0	0
GSM308358	GSE12276	EMC192	chemo102	LumA	0	1	0	0	1	0
GSM308360	GSE12276	EMC192	chemo104	LumA	39	1	0	0	0	1
GSM308363	GSE12276	EMC192	chemo107	LumA	22	1	0	0	1	0
GSM308367	GSE12276	EMC192	chemo111	LumA	40	1	0	0	1	1
GSM308368	GSE12276	EMC192	chemo112	LumA	48	1	0	0	1	1
GSM308369	GSE12276	EMC192	chemo113	LumA	38	1	0	0	1	1
GSM308371	GSE12276	EMC192	chemo115	LumA	13	1	0	0	1	1
GSM308373	GSE12276	EMC192	chemo117	LumA	9	1	0	0	0	1
GSM308382	GSE12276	EMC192	chemo126	LumA	46	1	0	0	1	1
GSM308383	GSE12276	EMC192	chemo127	LumA	9	1	0	0	1	1
GSM308384	GSE12276	EMC192	chemo128	LumA	32	1	0	0	1	0
GSM308406	GSE12276	EMC192	chemo150	LumA	58	0	0	0	0	0
GSM308409	GSE12276	EMC192	chemo153	LumA	0	0	0	0	0	0
GSM308410	GSE12276	EMC192	chemo154	LumA	38	1	0	0	1	0
GSM308413	GSE12276	EMC192	BV1	LumA	49	1	1	0	1	0
GSM308414	GSE12276	EMC192	BV2	LumA	97	1	0	0	1	0
GSM308416	GSE12276	EMC192	BV4	LumA	53	1	0	0	1	0
GSM308417	GSE12276	EMC192	BV5	LumA	23	1	0	0	1	0
GSM308418	GSE12276	EMC192	BV6	LumA	25	1	0	0	1	0
GSM308422	GSE12276	EMC192	BV10	LumA	16	1	0	0	1	0
GSM308428	GSE12276	EMC192	BV16	LumA	17	1	0	0	1	0
GSM308432	GSE12276	EMC192	BV20	LumA	40	1	0	0	1	0
GSM308433	GSE12276	EMC192	BV21	LumA	44	1	0	0	1	0
GSM308434	GSE12276	EMC192	BV22	LumA	47	1	0	0	0	0
GSM308436	GSE12276	EMC192	BV24	LumA	21	1	0	0	1	0
GSM308437	GSE12276	EMC192	BV25	LumA	35	1	0	0	1	0
GSM308441	GSE12276	EMC192	BV29	LumA	42	1	0	0	1	0
GSM308442	GSE12276	EMC192	BV30	LumA	18	1	0	0	0	0
GSM308444	GSE12276	EMC192	BV32	LumA	16	1	0	0	1	0
GSM308445	GSE12276	EMC192	BV33	LumA	30	1	0	0	1	0
GSM308446	GSE12276	EMC192	BV34	LumA	42	1	0	0	1	0
GSM308447	GSE12276	EMC192	BV35	LumA	24	1	0	0	1	0
GSM308448	GSE12276	EMC192	BV36	LumA	25	1	0	0	1	0
GSM308450	GSE12276	EMC192	BV38	LumA	33	1	0	0	1	0
GSM308451	GSE12276	EMC192	BV39	LumA	29	1	0	0	1	0

GSM308452	GSE12276	EMC192	BV40	LumA	25	1	0	1	1	0
GSM308453	GSE12276	EMC192	BV41	LumA	83	1	0	0	1	0
GSM308454	GSE12276	EMC192	BV42	LumA	73	1	0	0	1	0
GSM308458	GSE12276	EMC192	BV46	LumA	9	1	0	0	1	0
GSM308459	GSE12276	EMC192	BV47	LumA	7	1	0	0	0	0
GSM36777	GSE2034	EMC286	277	LumA	79	0	0	0	0	0
GSM36779	GSE2034	EMC286	798	LumA	132	0	0	0	0	0
GSM36782	GSE2034	EMC286	600	LumA	66	0	0	0	0	0
GSM36783	GSE2034	EMC286	601	LumA	52	0	0	0	0	0
GSM36790	GSE2034	EMC286	286	LumA	107	0	0	0	0	0
GSM36791	GSE2034	EMC286	287	LumA	79	0	0	0	0	0
GSM36803	GSE2034	EMC286	613	LumA	93	0	0	0	0	0
GSM36804	GSE2034	EMC286	614	LumA	88	0	0	0	0	0
GSM36806	GSE2034	EMC286	615	LumA	92	0	0	0	0	0
GSM36812	GSE2034	EMC286	621	LumA	80	0	0	0	0	0
GSM36815	GSE2034	EMC286	625	LumA	72	1	0	0	1	0
GSM36825	GSE2034	EMC286	631	LumA	99	0	0	0	0	0
GSM36830	GSE2034	EMC286	634	LumA	117	0	0	0	0	0
GSM36831	GSE2034	EMC286	716	LumA	87	0	0	0	0	0
GSM36832	GSE2034	EMC286	635	LumA	119	0	0	0	0	0
GSM36836	GSE2034	EMC286	15	LumA	99	0	0	0	0	0
GSM36839	GSE2034	EMC286	19	LumA	32	1	0	0	1	0
GSM36840	GSE2034	EMC286	848	LumA	86	0	0	0	0	0
GSM36845	GSE2034	EMC286	642	LumA	54	0	0	0	0	0
GSM36848	GSE2034	EMC286	726	LumA	105	0	0	0	0	0
GSM36849	GSE2034	EMC286	808	LumA	110	0	0	0	0	0
GSM36850	GSE2034	EMC286	727	LumA	121	0	0	0	0	0
GSM36852	GSE2034	EMC286	809	LumA	107	0	0	0	0	0
GSM36853	GSE2034	EMC286	728	LumA	105	0	0	0	0	0
GSM36859	GSE2034	EMC286	22	LumA	130	0	0	0	0	0
GSM36866	GSE2034	EMC286	815	LumA	107	0	0	0	0	0
GSM36867	GSE2034	EMC286	817	LumA	108	0	0	0	0	0
GSM36868	GSE2034	EMC286	737	LumA	123	0	0	0	0	0
GSM36869	GSE2034	EMC286	738	LumA	126	0	0	0	0	0
GSM36871	GSE2034	EMC286	32	LumA	84	0	0	0	0	0
GSM36895	GSE2034	EMC286	747	LumA	96	0	0	0	0	0

GSM36896	GSE2034	EMC286	40	LumA	102	0	0	0	0	0
GSM36907	GSE2034	EMC286	114	LumA	86	0	0	0	0	0
GSM36910	GSE2034	EMC286	751	LumA	125	0	0	0	0	0
GSM36913	GSE2034	EMC286	754	LumA	109	0	0	0	0	0
GSM36914	GSE2034	EMC286	836	LumA	84	0	0	0	0	0
GSM36916	GSE2034	EMC286	50	LumA	125	0	0	0	0	0
GSM36919	GSE2034	EMC286	56	LumA	153	0	0	0	0	0
GSM36925	GSE2034	EMC286	122	LumA	104	0	0	0	0	0
GSM36928	GSE2034	EMC286	205	LumA	23	1	0	0	1	0
GSM36942	GSE2034	EMC286	66	LumA	152	0	0	0	0	0
GSM36945	GSE2034	EMC286	851	LumA	92	0	0	0	0	0
GSM36950	GSE2034	EMC286	134	LumA	28	1	0	0	1	0
GSM36951	GSE2034	EMC286	778	LumA	104	0	0	0	0	0
GSM36957	GSE2034	EMC286	138	LumA	47	1	0	0	1	0
GSM36970	GSE2034	EMC286	762	LumA	116	0	0	0	0	0
GSM36971	GSE2034	EMC286	140	LumA	19	1	0	0	1	0
GSM36973	GSE2034	EMC286	141	LumA	25	1	0	1	0	0
GSM36976	GSE2034	EMC286	226	LumA	38	1	0	0	1	0
GSM36980	GSE2034	EMC286	783	LumA	122	0	0	0	0	0
GSM36983	GSE2034	EMC286	866	LumA	75	1	0	0	1	0
GSM36986	GSE2034	EMC286	868	LumA	77	1	0	1	0	0
GSM36990	GSE2034	EMC286	82	LumA	143	0	0	0	0	0
GSM36994	GSE2034	EMC286	89	LumA	2	1	0	0	1	0
GSM36998	GSE2034	EMC286	233	LumA	5	0	0	0	0	0
GSM36999	GSE2034	EMC286	234	LumA	37	0	0	0	0	0
GSM37005	GSE2034	EMC286	870	LumA	56	0	0	0	0	0
GSM37008	GSE2034	EMC286	874	LumA	70	1	0	0	1	0
GSM37010	GSE2034	EMC286	794	LumA	101	0	0	0	0	0
GSM37011	GSE2034	EMC286	876	LumA	60	1	0	1	1	0
GSM37012	GSE2034	EMC286	795	LumA	132	0	0	0	0	0
GSM37013	GSE2034	EMC286	877	LumA	66	1	0	0	1	0
GSM37015	GSE2034	EMC286	797	LumA	122	0	0	0	0	0
GSM37024	GSE2034	EMC286	861	LumA	95	0	0	0	0	0
GSM37025	GSE2034	EMC286	99	LumA	107	0	0	0	0	0
GSM37026	GSE2034	EMC286	240	LumA	36	1	0	0	1	0
GSM37028	GSE2034	EMC286	244	LumA	39	0	0	0	0	0

GSM37032	GSE2034	EMC286	883	LumA	86	0	0	0	0	0
GSM37033	GSE2034	EMC286	887	LumA	161	0	0	0	0	0
GSM37039	GSE2034	EMC286	254	LumA	48	1	0	0	1	0
GSM37059	GSE2034	EMC286	272	LumA	83	0	0	0	0	0
GSM37061	GSE2034	EMC286	275	LumA	105	0	0	0	0	0
GSM50036	GSE2603	MSK82	B52.T	LumA	109.8	0	0	0	0	NA
GSM50047	GSE2603	MSK82	B68.T	LumA	64.9	0	0	0	0	NA
GSM50049	GSE2603	MSK82	B71.T	LumA	66	0	0	0	0	NA
GSM50051	GSE2603	MSK82	B74.T	LumA	45.2	0	0	0	0	NA
GSM50053	GSE2603	MSK82	B76.T	LumA	47.6	0	0	0	0	NA
GSM50068	GSE2603	MSK82	B51.T	LumA	41.8	1	0	1	0	NA
GSM50074	GSE2603	MSK82	B104.T	LumA	87.8	0	0	0	0	NA
GSM50080	GSE2603	MSK82	B78.T	LumA	87	0	0	0	0	NA
GSM50081	GSE2603	MSK82	B79.T	LumA	60.8	0	0	0	0	NA
GSM50083	GSE2603	MSK82	B82.T	LumA	87.4	0	0	0	0	NA
GSM50084	GSE2603	MSK82	B83.T	LumA	76.8	0	0	0	0	NA
GSM50090	GSE2603	MSK82	B90.T	LumA	81.5	0	0	0	0	NA
GSM50095	GSE2603	MSK82	B108.T	LumA	78.5	1	1	0	0	NA
GSM50098	GSE2603	MSK82	B113.T	LumA	30.8	1	0	0	1	NA
GSM50099	GSE2603	MSK82	B81.T	LumA	15.6	1	0	0	1	NA
GSM50100	GSE2603	MSK82	B88.T	LumA	69.7	0	0	0	0	NA
GSM50101	GSE2603	MSK82	B92.T	LumA	76.3	1	0	0	1	NA
GSM50105	GSE2603	MSK82	B99.T	LumA	86.3	0	0	0	0	NA
GSM50108	GSE2603	MSK82	B11.T	LumA	47.5	0	0	0	0	NA
GSM50111	GSE2603	MSK82	B14.T	LumA	87.6	0	0	0	0	NA
GSM50114	GSE2603	MSK82	B17.T	LumA	15.6	1	0	0	1	NA
GSM50116	GSE2603	MSK82	B1.T	LumA	43	0	0	0	0	NA
GSM50120	GSE2603	MSK82	B27.T	LumA	44.2	0	0	0	0	NA
PNAS 118 + Nature 118	NKI295	NKI295	118	LumA	62.8	0	0	0	0	0
PNAS 120 + Nature 120	NKI295	NKI295	120	LumA	121.2	0	0	0	0	0
PNAS 122 + Nature 1	NKI295	NKI295	122	LumA	177.8	0	0	0	0	0
PNAS 123 + Nature 5	NKI295	NKI295	123	LumA	171.1	0	0	0	0	0
PNAS 124 + Nature 10	NKI295	NKI295	124	LumA	79.7	0	0	0	0	0
PNAS 125	NKI295	NKI295	125	LumA	93	0	0	0	0	0
PNAS 128	NKI295	NKI295	128	LumA	104.9	0	0	0	0	0
PNAS 129	NKI295	NKI295	129	LumA	90.8	0	0	0	0	0

PNAS 133 + Nature 18	NKI295	NKI295	133	LumA	103.8	0	0	0	0	0
PNAS 137	NKI295	NKI295	137	LumA	184	0	0	0	0	0
PNAS 14 + Nature 14	NKI295	NKI295	14	LumA	98.8	0	0	0	0	0
PNAS 140	NKI295	NKI295	140	LumA	66.7	0	0	0	0	0
PNAS 145	NKI295	NKI295	145	LumA	65.8	0	0	0	0	0
PNAS 148	NKI295	NKI295	148	LumA	220.1	0	0	0	0	0
PNAS 154	NKI295	NKI295	154	LumA	181.3	0	0	0	0	0
PNAS 155	NKI295	NKI295	155	LumA	11.2	1	0	0	0	1
PNAS 156	NKI295	NKI295	156	LumA	211.9	0	0	0	0	0
PNAS 157	NKI295	NKI295	157	LumA	94.5	0	0	0	0	0
PNAS 161	NKI295	NKI295	161	LumA	97.5	1	0	0	1	0
PNAS 167	NKI295	NKI295	167	LumA	183.9	0	0	0	0	0
PNAS 17 + Nature 17	NKI295	NKI295	17	LumA	94.4	0	0	0	0	0
PNAS 170	NKI295	NKI295	170	LumA	160.2	0	0	0	0	0
PNAS 176	NKI295	NKI295	176	LumA	150.9	0	0	0	0	0
PNAS 183	NKI295	NKI295	183	LumA	142.3	0	0	0	0	0
PNAS 188	NKI295	NKI295	188	LumA	135.2	0	0	0	0	0
PNAS 190	NKI295	NKI295	190	LumA	143.1	0	0	0	0	0
PNAS 191	NKI295	NKI295	191	LumA	152.8	0	0	0	0	0
PNAS 193	NKI295	NKI295	193	LumA	142	0	0	0	0	0
PNAS 196	NKI295	NKI295	196	LumA	134.3	0	0	0	0	0
PNAS 200	NKI295	NKI295	200	LumA	129.2	0	0	0	0	0
PNAS 207	NKI295	NKI295	207	LumA	115.8	0	0	0	0	0
PNAS 214	NKI295	NKI295	214	LumA	89.7	1	1	0	0	0
PNAS 220	NKI295	NKI295	220	LumA	123.9	0	0	0	0	0
PNAS 231 + Nature 54	NKI295	NKI295	231	LumA	43	1	0	0	1	0
PNAS 233	NKI295	NKI295	233	LumA	169.5	0	0	0	0	0
PNAS 235	NKI295	NKI295	235	LumA	78.2	0	0	0	0	0
PNAS 239	NKI295	NKI295	239	LumA	97.1	0	0	0	0	0
PNAS 243	NKI295	NKI295	243	LumA	119.8	0	0	0	0	0
PNAS 250 + Nature 21	NKI295	NKI295	250	LumA	136.4	0	0	0	0	0
PNAS 26 + Nature 26	NKI295	NKI295	26	LumA	83.6	0	0	0	0	0
PNAS 261	NKI295	NKI295	261	LumA	103.1	0	0	0	0	0
PNAS 27 + Nature 27	NKI295	NKI295	27	LumA	62.2	0	0	0	0	0
PNAS 271	NKI295	NKI295	271	LumA	84.3	0	0	0	0	0
PNAS 272	NKI295	NKI295	272	LumA	87	0	0	0	0	0

PNAS 274	NKI295	NKI295	274	LumA	71.1	0	0	0	0	0
PNAS 275	NKI295	NKI295	275	LumA	0.7	0	0	0	0	0
PNAS 277	NKI295	NKI295	277	LumA	61.4	0	0	0	0	0
PNAS 280	NKI295	NKI295	280	LumA	63.5	0	0	0	0	0
PNAS 281	NKI295	NKI295	281	LumA	88.1	0	0	0	0	0
PNAS 282	NKI295	NKI295	282	LumA	68.9	0	0	0	0	0
PNAS 285	NKI295	NKI295	285	LumA	69.3	0	0	0	0	0
PNAS 287	NKI295	NKI295	287	LumA	72.8	0	0	0	0	0
PNAS 29 + Nature 29	NKI295	NKI295	29	LumA	136.7	0	0	0	0	0
PNAS 290	NKI295	NKI295	290	LumA	59.7	0	0	0	0	0
PNAS 292 + Nature 19	NKI295	NKI295	292	LumA	100.4	0	0	0	0	0
PNAS 295	NKI295	NKI295	295	LumA	66.7	0	0	0	0	0
PNAS 297	NKI295	NKI295	297	LumA	115.2	0	0	0	0	0
PNAS 298	NKI295	NKI295	298	LumA	113.5	0	0	0	0	0
PNAS 303	NKI295	NKI295	303	LumA	110.3	0	0	0	0	0
PNAS 313	NKI295	NKI295	313	LumA	72.7	1	0	0	0	0
PNAS 315	NKI295	NKI295	315	LumA	98.9	0	0	0	0	0
PNAS 323	NKI295	NKI295	323	LumA	105.6	0	0	0	0	0
PNAS 328	NKI295	NKI295	328	LumA	66.9	0	0	0	0	0
PNAS 329	NKI295	NKI295	329	LumA	69.7	0	0	0	0	0
PNAS 334	NKI295	NKI295	334	LumA	92.3	0	0	0	0	0
PNAS 336	NKI295	NKI295	336	LumA	88.9	0	0	0	0	0
PNAS 343	NKI295	NKI295	343	LumA	79.3	0	0	0	0	0
PNAS 345	NKI295	NKI295	345	LumA	83.9	0	0	0	0	0
PNAS 348	NKI295	NKI295	348	LumA	74.1	0	0	0	0	0
PNAS 352	NKI295	NKI295	352	LumA	69.7	0	0	0	0	0
PNAS 354	NKI295	NKI295	354	LumA	73.9	0	0	0	0	0
PNAS 356	NKI295	NKI295	356	LumA	74.6	0	0	0	0	0
PNAS 357	NKI295	NKI295	357	LumA	69.9	0	0	0	0	0
PNAS 358	NKI295	NKI295	358	LumA	74.9	0	0	0	0	0
PNAS 361	NKI295	NKI295	361	LumA	64.2	0	0	0	0	0
PNAS 365	NKI295	NKI295	365	LumA	209.8	0	0	0	0	0
PNAS 366	NKI295	NKI295	366	LumA	205.8	0	0	0	0	0
PNAS 370	NKI295	NKI295	370	LumA	120	0	0	0	0	0
PNAS 388	NKI295	NKI295	388	LumA	86.7	0	0	0	0	0
PNAS 39 + Nature 39	NKI295	NKI295	39	LumA	132.2	0	0	0	0	0

PNAS 390	NKI295	NKI295	390	LumA	81.6	0	0	0	0	0
PNAS 391	NKI295	NKI295	391	LumA	72.2	0	0	0	0	0
PNAS 394	NKI295	NKI295	394	LumA	68.5	0	0	0	0	0
PNAS 395	NKI295	NKI295	395	LumA	134.5	1	0	0	1	0
PNAS 397 + Nature 105	NKI295	NKI295	397	LumA	57.2	1	0	0	1	1
PNAS 403	NKI295	NKI295	403	LumA	81.1	0	0	0	0	0
PNAS 45 + Nature 45	NKI295	NKI295	45	LumA	13.1	1	0	0	1	1
PNAS 6 + Nature 6	NKI295	NKI295	6	LumA	133.9	0	0	0	0	0
PNAS 60 + Nature 60	NKI295	NKI295	60	LumA	58.7	1	1	1	1	0
PNAS 61 + Nature 61	NKI295	NKI295	61	LumA	32.2	1	1	0	1	0
PNAS 9 + Nature 9	NKI295	NKI295	9	LumA	123.5	0	0	0	0	0
GSM308262	GSE12276	EMC192	chemo7	LumB	30	1	0	1	1	0
GSM308264	GSE12276	EMC192	chemo9	LumB	37	0	0	0	0	0
GSM308270	GSE12276	EMC192	chemo15	LumB	7	1	0	0	0	0
GSM308289	GSE12276	EMC192	chemo34	LumB	61	1	0	0	1	0
GSM308296	GSE12276	EMC192	chemo41	LumB	32	0	0	0	0	0
GSM308297	GSE12276	EMC192	chemo42	LumB	14	1	0	0	1	0
GSM308298	GSE12276	EMC192	chemo43	LumB	14	1	0	0	1	0
GSM308310	GSE12276	EMC192	chemo55	LumB	36	0	0	0	0	0
GSM308321	GSE12276	EMC192	chemo65	LumB	0	1	0	0	1	0
GSM308322	GSE12276	EMC192	chemo66	LumB	27	1	0	0	1	0
GSM308325	GSE12276	EMC192	chemo69	LumB	13	1	0	0	0	0
GSM308331	GSE12276	EMC192	chemo75	LumB	0	1	0	1	1	1
GSM308347	GSE12276	EMC192	chemo91	LumB	6	1	0	0	1	1
GSM308359	GSE12276	EMC192	chemo103	LumB	36	1	0	0	0	0
GSM308361	GSE12276	EMC192	chemo105	LumB	27	1	0	1	0	0
GSM308372	GSE12276	EMC192	chemo116	LumB	85	1	1	0	0	0
GSM308375	GSE12276	EMC192	chemo119	LumB	28	1	0	0	1	1
GSM308399	GSE12276	EMC192	chemo143	LumB	38	1	0	0	1	0
GSM308420	GSE12276	EMC192	BV8	LumB	36	1	0	0	1	0
GSM308421	GSE12276	EMC192	BV9	LumB	35	1	0	0	1	0
GSM308423	GSE12276	EMC192	BV11	LumB	35	1	0	1	1	0
GSM308424	GSE12276	EMC192	BV12	LumB	23	1	0	0	1	0
GSM308425	GSE12276	EMC192	BV13	LumB	14	1	0	0	1	0
GSM308426	GSE12276	EMC192	BV14	LumB	9	1	0	0	1	0
GSM308427	GSE12276	EMC192	BV15	LumB	42	1	0	1	0	0

GSM308429	GSE12276	EMC192	BV17	LumB	5	1	0	0	1	0
GSM308435	GSE12276	EMC192	BV23	LumB	26	1	0	0	0	0
GSM308439	GSE12276	EMC192	BV27	LumB	4	1	0	0	1	0
GSM308455	GSE12276	EMC192	BV43	LumB	31	1	0	0	1	0
GSM308456	GSE12276	EMC192	BV44	LumB	28	1	0	0	0	1
GSM308457	GSE12276	EMC192	BV45	LumB	18	1	0	0	1	0
GSM36785	GSE2034	EMC286	605	LumB	57	0	0	0	0	0
GSM36787	GSE2034	EMC286	284	LumB	72	0	0	0	0	0
GSM36789	GSE2034	EMC286	285	LumB	51	1	0	0	1	0
GSM36792	GSE2034	EMC286	288	LumB	71	1	0	0	1	0
GSM36800	GSE2034	EMC286	8	LumB	37	1	0	1	0	0
GSM36801	GSE2034	EMC286	9	LumB	125	0	0	0	0	0
GSM36810	GSE2034	EMC286	847	LumB	105	0	0	0	0	0
GSM36820	GSE2034	EMC286	749	LumB	141	0	0	0	0	0
GSM36829	GSE2034	EMC286	714	LumB	157	0	0	0	0	0
GSM36841	GSE2034	EMC286	767	LumB	134	0	0	0	0	0
GSM36843	GSE2034	EMC286	641	LumB	77	0	0	0	0	0
GSM36844	GSE2034	EMC286	804	LumB	121	0	0	0	0	0
GSM36856	GSE2034	EMC286	729	LumB	86	0	0	0	0	0
GSM36857	GSE2034	EMC286	648	LumB	95	0	0	0	0	0
GSM36864	GSE2034	EMC286	810	LumB	84	0	0	0	0	0
GSM36873	GSE2034	EMC286	34	LumB	100	0	0	0	0	0
GSM36878	GSE2034	EMC286	760	LumB	98	0	0	0	0	0
GSM36881	GSE2034	EMC286	104	LumB	11	1	0	0	1	0
GSM36888	GSE2034	EMC286	108	LumB	28	1	0	1	1	0
GSM36908	GSE2034	EMC286	115	LumB	15	1	0	1	1	0
GSM36911	GSE2034	EMC286	913	LumB	80	1	0	0	1	0
GSM36921	GSE2034	EMC286	200	LumB	108	0	0	0	0	0
GSM36922	GSE2034	EMC286	201	LumB	113	0	0	0	0	0
GSM36924	GSE2034	EMC286	203	LumB	29	1	0	0	1	1
GSM36946	GSE2034	EMC286	130	LumB	26	1	0	0	1	0
GSM36947	GSE2034	EMC286	213	LumB	16	1	0	0	1	0
GSM36948	GSE2034	EMC286	133	LumB	87	0	0	0	0	0
GSM36963	GSE2034	EMC286	698	LumB	60	0	0	0	0	0
GSM36974	GSE2034	EMC286	223	LumB	23	1	0	1	0	0
GSM36979	GSE2034	EMC286	863	LumB	107	0	0	0	0	0

GSM36984	GSE2034	EMC286	785	LumB	138	0	0	0	0	0
GSM36985	GSE2034	EMC286	867	LumB	55	0	0	0	0	0
GSM36988	GSE2034	EMC286	789	LumB	96	0	0	0	0	0
GSM36989	GSE2034	EMC286	81	LumB	11	1	0	1	1	1
GSM36997	GSE2034	EMC286	231	LumB	44	1	1	0	1	0
GSM37003	GSE2034	EMC286	237	LumB	19	1	0	0	1	0
GSM37004	GSE2034	EMC286	239	LumB	35	1	0	0	1	0
GSM37006	GSE2034	EMC286	871	LumB	71	1	0	0	1	0
GSM37007	GSE2034	EMC286	873	LumB	59	1	0	0	1	0
GSM37018	GSE2034	EMC286	91	LumB	20	1	1	0	1	1
GSM37029	GSE2034	EMC286	246	LumB	47	1	0	1	0	0
GSM37030	GSE2034	EMC286	247	LumB	44	0	0	0	0	0
GSM37031	GSE2034	EMC286	249	LumB	18	1	0	1	1	0
GSM37035	GSE2034	EMC286	250	LumB	14	1	0	0	1	0
GSM37037	GSE2034	EMC286	253	LumB	19	1	0	0	1	0
GSM37038	GSE2034	EMC286	416	LumB	60	1	0	1	1	0
GSM37046	GSE2034	EMC286	899	LumB	86	0	0	0	0	0
GSM37057	GSE2034	EMC286	270	LumB	59	0	0	0	0	0
GSM37062	GSE2034	EMC286	276	LumB	54	0	0	0	0	0
GSM50037	GSE2603	MSK82	B54.T	LumB	82.3	0	0	0	0	NA
GSM50038	GSE2603	MSK82	B55.T	LumB	77.6	0	0	0	0	NA
GSM50039	GSE2603	MSK82	B56.T	LumB	85	0	0	0	0	NA
GSM50043	GSE2603	MSK82	B62.T	LumB	62.8	0	0	0	0	NA
GSM50044	GSE2603	MSK82	B63.T	LumB	67.4	0	0	0	0	NA
GSM50059	GSE2603	MSK82	B42.T	LumB	91.6	0	0	0	0	NA
GSM50062	GSE2603	MSK82	B45.T	LumB	36.8	0	0	0	0	NA
GSM50087	GSE2603	MSK82	B86.T	LumB	99.7	0	0	0	0	NA
GSM50091	GSE2603	MSK82	B91.T	LumB	86.3	0	0	0	0	NA
GSM50097	GSE2603	MSK82	B111.T	LumB	64.7	1	0	0	1	NA
GSM50115	GSE2603	MSK82	B18.T	LumB	53	0	0	0	0	NA
GSM50118	GSE2603	MSK82	B24.T	LumB	75.4	0	0	0	0	NA
GSM50121	GSE2603	MSK82	B28.T	LumB	49.4	0	0	0	0	NA
GSM50122	GSE2603	MSK82	B29.T	LumB	38.9	1	0	0	1	NA
GSM50128	GSE2603	MSK82	B4.T	LumB	27.6	0	0	0	0	NA
GSM50131	GSE2603	MSK82	B8.T	LumB	55.1	1	0	0	1	NA
PNAS 107 + Nature 107	NKI295	NKI295	107	LumB	30.5	0	0	0	0	0

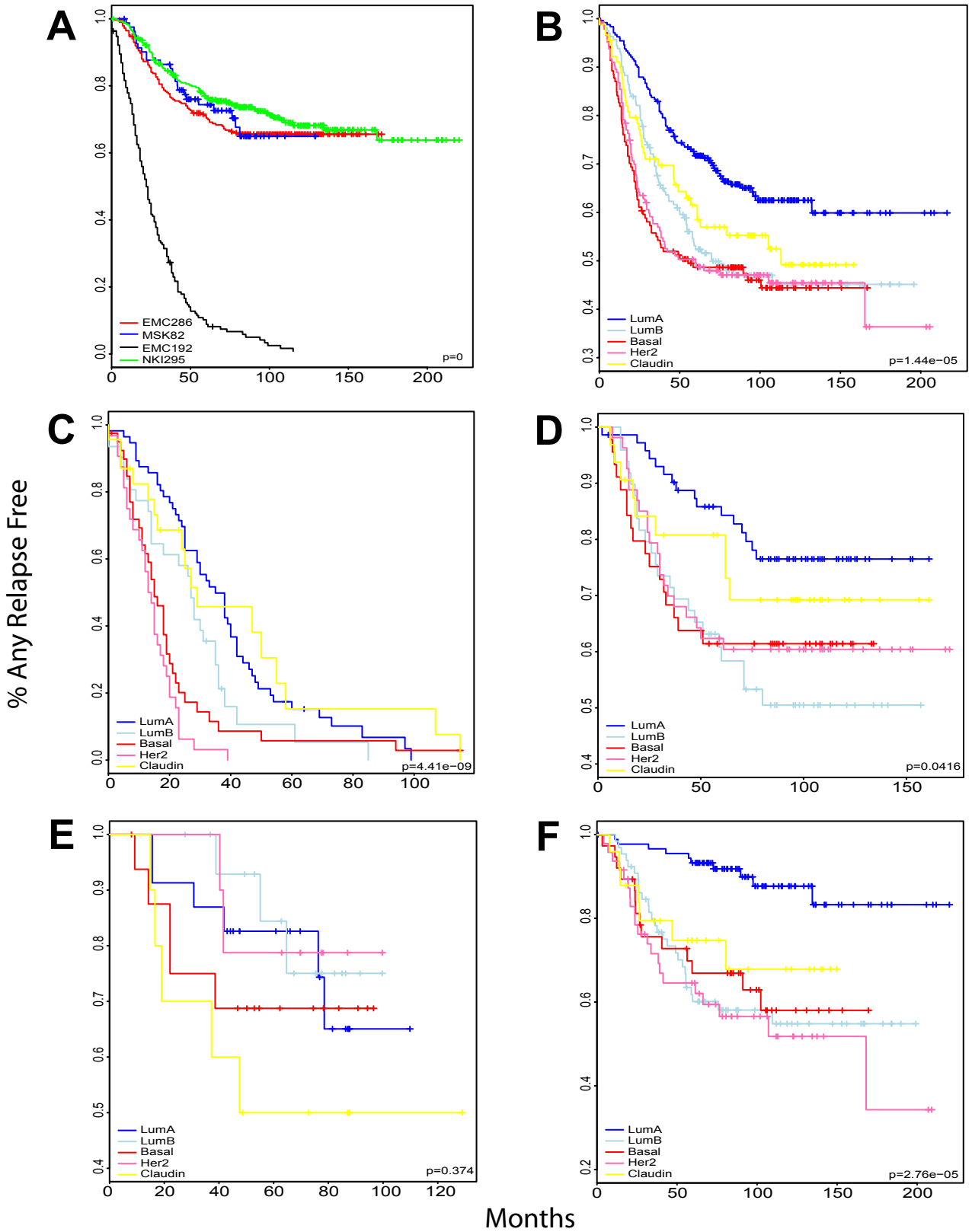
PNAS 110 + Nature 110	NKI295	NKI295	110	LumB	26	1	0	0	1	1
PNAS 111 + Nature 111	NKI295	NKI295	111	LumB	15.2	1	0	0	1	0
PNAS 117 + Nature 117	NKI295	NKI295	117	LumB	63.6	0	0	0	0	0
PNAS 126	NKI295	NKI295	126	LumB	75.8	1	1	0	1	0
PNAS 127	NKI295	NKI295	127	LumB	56	0	0	0	0	0
PNAS 146	NKI295	NKI295	146	LumB	43.9	1	1	0	0	1
PNAS 150	NKI295	NKI295	150	LumB	11.5	1	0	1	1	0
PNAS 159	NKI295	NKI295	159	LumB	53.4	1	0	0	1	1
PNAS 162	NKI295	NKI295	162	LumB	183.8	0	0	0	0	0
PNAS 163	NKI295	NKI295	163	LumB	189.8	0	0	0	0	0
PNAS 165	NKI295	NKI295	165	LumB	125.3	0	0	0	0	0
PNAS 166	NKI295	NKI295	166	LumB	19.4	1	1	0	0	1
PNAS 169	NKI295	NKI295	169	LumB	178.6	0	0	0	0	0
PNAS 174	NKI295	NKI295	174	LumB	165	0	0	0	0	0
PNAS 185	NKI295	NKI295	185	LumB	88	0	0	0	0	0
PNAS 192	NKI295	NKI295	192	LumB	32.4	1	0	0	1	1
PNAS 203	NKI295	NKI295	203	LumB	132.4	0	0	0	0	0
PNAS 205	NKI295	NKI295	205	LumB	121.7	0	0	0	0	0
PNAS 218	NKI295	NKI295	218	LumB	28.1	1	0	0	1	1
PNAS 227 + Nature 49	NKI295	NKI295	227	LumB	40.3	0	0	0	0	0
PNAS 240 + Nature 66	NKI295	NKI295	240	LumB	49.1	1	0	0	0	0
PNAS 247	NKI295	NKI295	247	LumB	67.6	0	0	0	0	0
PNAS 252 + Nature 15	NKI295	NKI295	252	LumB	109.5	1	0	0	1	1
PNAS 254 + Nature 63	NKI295	NKI295	254	LumB	55.1	1	0	0	1	0
PNAS 264	NKI295	NKI295	264	LumB	87	0	0	0	0	0
PNAS 283	NKI295	NKI295	283	LumB	63.9	0	0	0	0	0
PNAS 293	NKI295	NKI295	293	LumB	75.8	0	0	0	0	0
PNAS 294	NKI295	NKI295	294	LumB	73.7	0	0	0	0	0
PNAS 300	NKI295	NKI295	300	LumB	34.2	1	0	0	1	1
PNAS 301	NKI295	NKI295	301	LumB	112	0	0	0	0	0
PNAS 302	NKI295	NKI295	302	LumB	21.4	0	0	0	0	0
PNAS 305	NKI295	NKI295	305	LumB	114.6	0	0	0	0	0
PNAS 309	NKI295	NKI295	309	LumB	102.7	0	0	0	0	0
PNAS 311	NKI295	NKI295	311	LumB	50.6	1	0	0	1	1
PNAS 312	NKI295	NKI295	312	LumB	109.2	0	0	0	0	0
PNAS 314	NKI295	NKI295	314	LumB	38.6	0	0	0	0	0

PNAS 317 + Nature 47	NKI295	NKI295	317	LumB	25.7	1	1	1	1	0
PNAS 320	NKI295	NKI295	320	LumB	118.7	0	0	0	0	0
PNAS 322	NKI295	NKI295	322	LumB	80.5	0	0	0	0	0
PNAS 327	NKI295	NKI295	327	LumB	55.5	1	0	0	1	0
PNAS 331	NKI295	NKI295	331	LumB	25.9	1	0	0	1	1
PNAS 337	NKI295	NKI295	337	LumB	81.8	0	0	0	0	0
PNAS 339	NKI295	NKI295	339	LumB	199.1	0	0	0	0	0
PNAS 340	NKI295	NKI295	340	LumB	37.5	1	0	1	1	0
PNAS 342 + Nature 25	NKI295	NKI295	342	LumB	184.2	0	0	0	0	0
PNAS 349	NKI295	NKI295	349	LumB	77.6	0	0	0	0	0
PNAS 353	NKI295	NKI295	353	LumB	78.6	0	0	0	0	0
PNAS 362	NKI295	NKI295	362	LumB	63.1	0	0	0	0	0
PNAS 363	NKI295	NKI295	363	LumB	59.7	1	0	0	1	0
PNAS 374	NKI295	NKI295	374	LumB	32.2	1	0	0	1	1
PNAS 378	NKI295	NKI295	378	LumB	167	0	0	0	0	0
PNAS 379 + Nature 115	NKI295	NKI295	379	LumB	166.4	0	0	0	0	0
PNAS 38 + Nature 38	NKI295	NKI295	38	LumB	88.2	0	0	0	0	0
PNAS 380 + Nature 33	NKI295	NKI295	380	LumB	152.9	0	0	0	0	0
PNAS 381	NKI295	NKI295	381	LumB	147.1	0	0	0	0	0
PNAS 385	NKI295	NKI295	385	LumB	23.4	1	1	1	0	0
PNAS 387	NKI295	NKI295	387	LumB	98.6	0	0	0	0	0
PNAS 389	NKI295	NKI295	389	LumB	41	1	0	0	0	0
PNAS 393	NKI295	NKI295	393	LumB	66.9	0	0	0	0	0
PNAS 4 + Nature 4	NKI295	NKI295	4	LumB	156	0	0	0	0	0
PNAS 401 + Nature 55	NKI295	NKI295	401	LumB	18.3	1	0	0	0	0
PNAS 51 + Nature 51	NKI295	NKI295	51	LumB	58.9	1	0	0	1	0
PNAS 58 + Nature 58	NKI295	NKI295	58	LumB	13.5	1	0	0	1	1
PNAS 59 + Nature 59	NKI295	NKI295	59	LumB	55.6	1	1	1	0	0
PNAS 72 + Nature 72	NKI295	NKI295	72	LumB	36.3	1	0	0	1	0
GSM308277	GSE12276	EMC192	chemo22	Normal	22	1	0	0	0	0
GSM308284	GSE12276	EMC192	chemo29	Normal	46	1	0	0	0	0
GSM308287	GSE12276	EMC192	chemo32	Normal	42	1	0	0	1	0
GSM308294	GSE12276	EMC192	chemo39	Normal	21	1	0	1	1	0
GSM308299	GSE12276	EMC192	chemo44	Normal	18	1	1	0	0	1
GSM308316	GSE12276	EMC192	chemo61	Normal	0	1	1	1	1	1
GSM308340	GSE12276	EMC192	chemo84	Normal	60	1	0	1	1	0

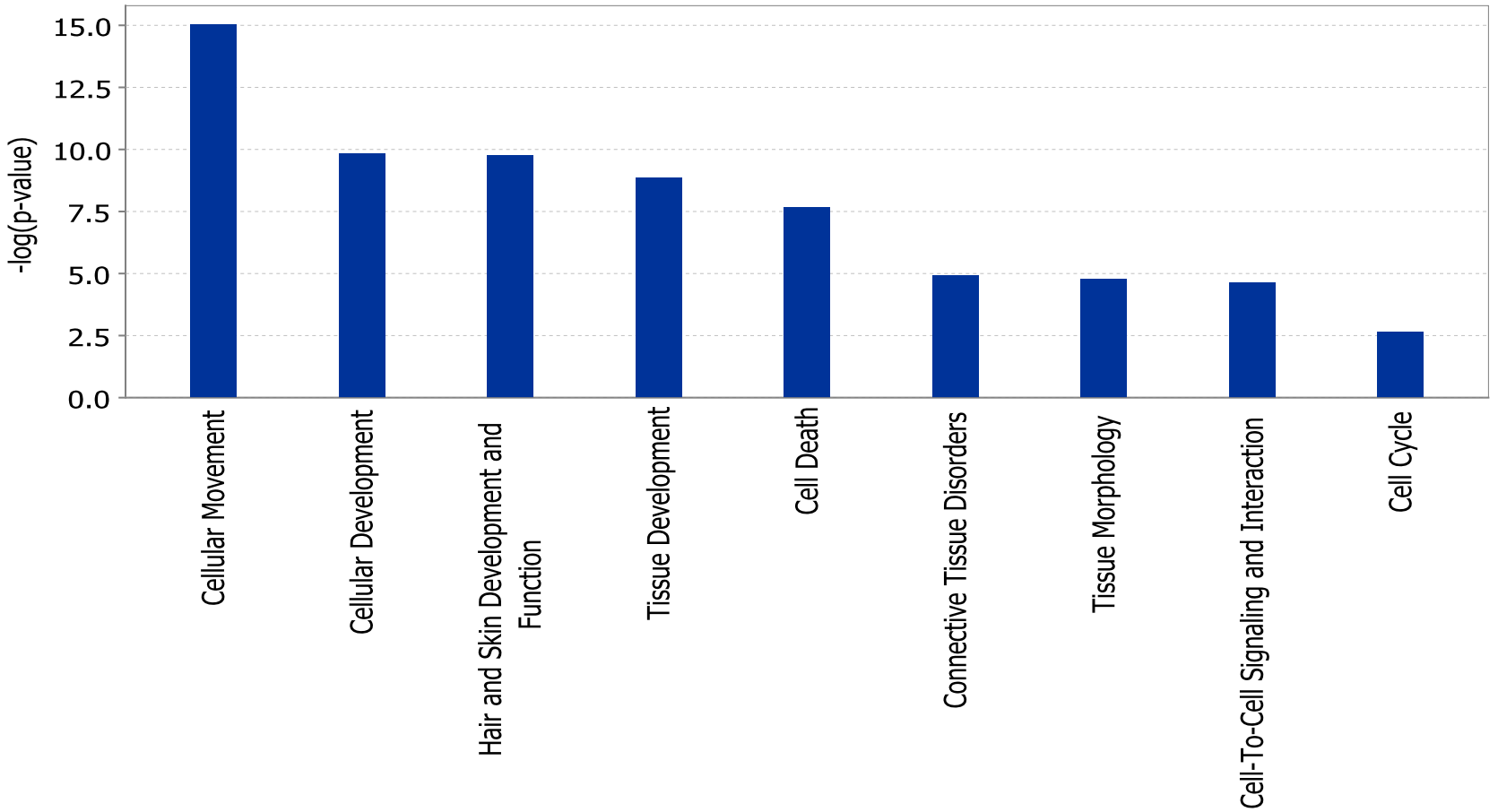
GSM308431	GSE12276	EMC192	BV19	Normal	23	1	0	0	1	0
GSM308438	GSE12276	EMC192	BV26	Normal	35	1	0	0	1	0
GSM36784	GSE2034	EMC286	602	Normal	57	1	0	0	1	0
GSM36786	GSE2034	EMC286	606	Normal	66	0	0	0	0	0
GSM36793	GSE2034	EMC286	3	Normal	101	0	0	0	0	0
GSM36796	GSE2034	EMC286	5	Normal	118	0	0	0	0	0
GSM36807	GSE2034	EMC286	616	Normal	88	0	0	0	0	0
GSM36813	GSE2034	EMC286	540	Normal	49	1	0	0	1	0
GSM36819	GSE2034	EMC286	629	Normal	131	0	0	0	0	0
GSM36842	GSE2034	EMC286	640	Normal	81	0	0	0	0	0
GSM36861	GSE2034	EMC286	28	Normal	155	0	0	0	0	0
GSM36874	GSE2034	EMC286	35	Normal	30	1	0	0	1	0
GSM36880	GSE2034	EMC286	103	Normal	97	0	0	0	0	0
GSM36882	GSE2034	EMC286	105	Normal	99	0	0	0	0	0
GSM36883	GSE2034	EMC286	849	Normal	88	0	0	0	0	0
GSM36885	GSE2034	EMC286	106	Normal	40	1	0	0	1	0
GSM36887	GSE2034	EMC286	900	Normal	108	0	0	0	0	0
GSM36894	GSE2034	EMC286	909	Normal	109	0	0	0	0	0
GSM36897	GSE2034	EMC286	41	Normal	25	1	0	0	0	1
GSM36898	GSE2034	EMC286	212	Normal	7	1	0	0	1	0
GSM36915	GSE2034	EMC286	839	Normal	97	0	0	0	0	0
GSM36917	GSE2034	EMC286	54	Normal	144	0	0	0	0	0
GSM36943	GSE2034	EMC286	67	Normal	19	1	0	0	1	0
GSM36958	GSE2034	EMC286	139	Normal	111	0	0	0	0	0
GSM36962	GSE2034	EMC286	70	Normal	114	0	0	0	0	0
GSM36965	GSE2034	EMC286	72	Normal	134	0	0	0	0	0
GSM36978	GSE2034	EMC286	782	Normal	148	0	0	0	0	0
GSM36982	GSE2034	EMC286	865	Normal	92	0	0	0	0	0
GSM36987	GSE2034	EMC286	80	Normal	97	0	0	0	0	0
GSM36993	GSE2034	EMC286	88	Normal	98	0	0	0	0	0
GSM37001	GSE2034	EMC286	235	Normal	33	1	0	0	1	0
GSM37019	GSE2034	EMC286	92	Normal	146	0	0	0	0	0
GSM37041	GSE2034	EMC286	258	Normal	9	1	0	0	1	0
GSM37048	GSE2034	EMC286	862	Normal	87	0	0	0	0	0
GSM37056	GSE2034	EMC286	268	Normal	82	0	0	0	0	0
GSM37060	GSE2034	EMC286	273	Normal	81	0	0	0	0	0

GSM50064	GSE2603	MSK82	B47.T	Normal	11.3	1	0	1	1	NA
GSM50069	GSE2603	MSK82	B73.T	Normal	46	1	1	1	0	NA
GSM50072	GSE2603	MSK82	B101.T	Normal	128.9	0	0	0	0	NA
GSM50082	GSE2603	MSK82	B80.T	Normal	85.3	0	0	0	0	NA
GSM50089	GSE2603	MSK82	B89.T	Normal	104.9	0	0	0	0	NA
GSM50104	GSE2603	MSK82	B96.T	Normal	81.2	1	0	0	1	NA
PNAS 113 + Nature 113	NKI295	NKI295	113	Normal	12	1	0	0	1	1
PNAS 138 + Nature 46	NKI295	NKI295	138	Normal	41.7	1	0	0	0	1
PNAS 139 + Nature 3	NKI295	NKI295	139	Normal	153.2	0	0	0	0	0
PNAS 142	NKI295	NKI295	142	Normal	181.6	0	0	0	0	0
PNAS 160	NKI295	NKI295	160	Normal	193.8	0	0	0	0	0
PNAS 178	NKI295	NKI295	178	Normal	158.1	0	0	0	0	0
PNAS 187	NKI295	NKI295	187	Normal	150	0	0	0	0	0
PNAS 198	NKI295	NKI295	198	Normal	133.7	0	0	0	0	0
PNAS 201	NKI295	NKI295	201	Normal	134.4	0	0	0	0	0
PNAS 209	NKI295	NKI295	209	Normal	78.8	0	0	0	0	0
PNAS 221 + Nature 22	NKI295	NKI295	221	Normal	124.5	0	0	0	0	0
PNAS 224 + Nature 2	NKI295	NKI295	224	Normal	120.2	0	0	0	0	0
PNAS 256	NKI295	NKI295	256	Normal	107.9	0	0	0	0	0
PNAS 260	NKI295	NKI295	260	Normal	99.6	1	0	0	1	0
PNAS 278	NKI295	NKI295	278	Normal	63.7	0	0	0	0	0
PNAS 28 + Nature 28	NKI295	NKI295	28	Normal	74.9	0	0	0	0	0
PNAS 318	NKI295	NKI295	318	Normal	28	1	0	0	1	0
PNAS 346	NKI295	NKI295	346	Normal	85.5	0	0	0	0	0
PNAS 355	NKI295	NKI295	355	Normal	72.5	0	0	0	0	0
PNAS 359	NKI295	NKI295	359	Normal	72.2	0	0	0	0	0
PNAS 360	NKI295	NKI295	360	Normal	66.6	0	0	0	0	0
PNAS 364	NKI295	NKI295	364	Normal	217	0	0	0	0	0
PNAS 368	NKI295	NKI295	368	Normal	114.8	1	1	0	0	0
PNAS 373	NKI295	NKI295	373	Normal	93.3	0	0	0	0	0
PNAS 383	NKI295	NKI295	383	Normal	133	0	0	0	0	0
PNAS 404	NKI295	NKI295	404	Normal	90.8	0	0	0	0	0
PNAS 7 + Nature 7	NKI295	NKI295	7	Normal	121.7	0	0	0	0	0

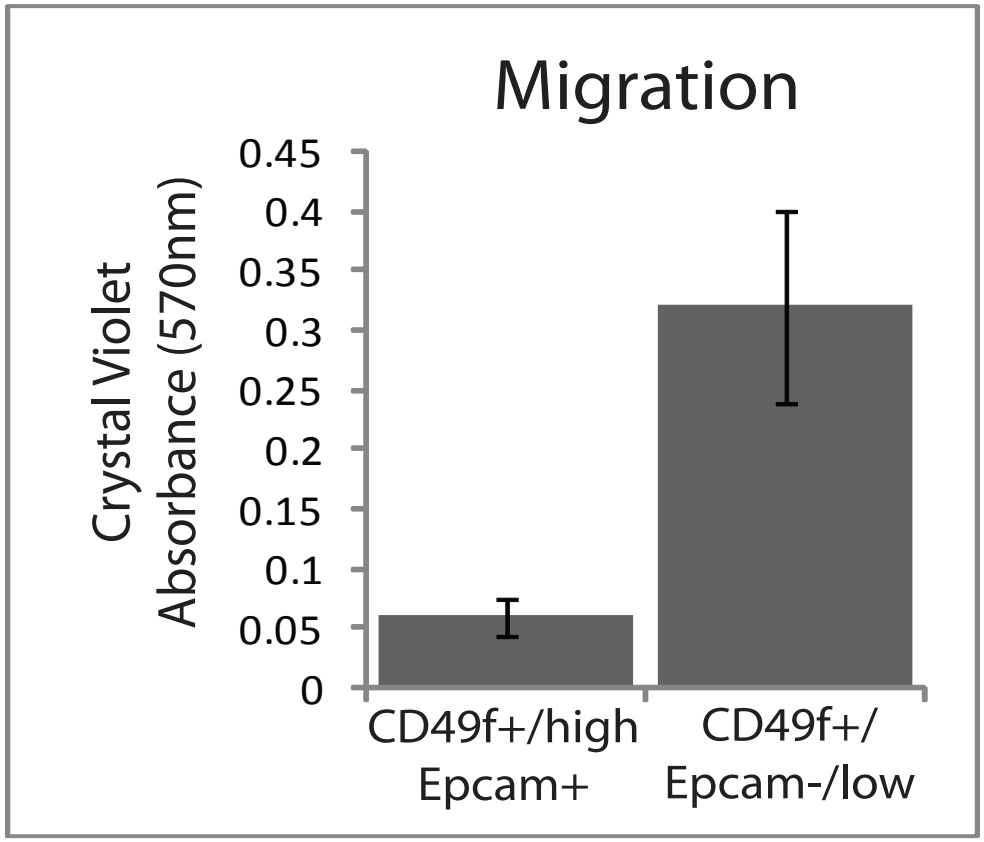
Supplemental Figure 3



Supplemental Figure 4



Supplemental Figure 5



Supplemental Table 4

Module Name	Any Relapse Coefficient	Any Relapse p-value	Brain Relapse Coefficient	Brain Relapse p-value	Lung Relapse Coefficient	Lung Relapse p-value	Bone Relapse Coefficient	Bone Relapse p-value	Liver Relapse Coefficient	Liver Relapse p-value	LN Relapse Coefficient	LN Relapse p-value	Pearson's Correlation with DS	Pearson's Correlation with Proliferation
Classification_Prognosis_485_Survival	**0.2506**	1.50E-06	**0.7262**	9.88E-07	**0.8129**	1.43E-14	**0.0063**	9.25E-01	**0.3088**	1.75E-03	**0.6560**	2.44E-03	-0.5650	0.7246
VEGF_13genes	**0.2971**	5.21E-09	**0.7241**	2.88E-08	**0.8307**	0.00E+00	**0.0963**	1.57E-01	**0.2705**	5.89E-03	**0.3745**	4.65E-02	-0.6236	0.3134
PRC2_targets	**0.1901**	2.93E-04	**0.6904**	1.44E-06	**0.7969**	3.22E-15	**-0.1212**	8.73E-02	**0.2423**	1.30E-02	**0.4752**	2.07E-02	-0.7705	0.4609
Eed_targets	**0.1869**	3.69E-04	**0.6841**	1.64E-06	**0.7966**	2.78E-15	**-0.1354**	5.81E-02	**0.2471**	1.10E-02	**0.4738**	2.15E-02	-0.7779	0.4850
H3K27_bound	**0.1747**	8.04E-04	**0.6561**	2.60E-06	**0.7556**	1.21E-14	**-0.1489**	3.84E-02	**0.2284**	1.80E-02	**0.4393**	2.71E-02	-0.8090	0.4532
NKI_TAM	**0.2633**	8.89E-07	**0.6435**	7.41E-05	**0.6381**	1.89E-08	**0.1519**	2.11E-02	**0.3229**	1.42E-03	**0.7350**	7.47E-04	-0.2978	0.8354
ESC_CORE	**0.2634**	8.18E-07	**0.6409**	4.59E-05	**0.6965**	4.58E-10	**0.0937**	1.57E-01	**0.3295**	1.17E-03	**0.7094**	1.31E-03	-0.4596	0.8173
ESC_HUMAN	**0.2221**	1.52E-05	**0.6342**	4.12E-06	**0.7193**	9.36E-14	**-0.0367**	5.91E-01	**0.2623**	6.96E-03	**0.5522**	4.41E-03	-0.6820	0.6976
ADM_S100A10_A110NDGR1_Cluster	**0.2410**	2.55E-06	**0.6336**	2.08E-06	**0.7187**	4.88E-15	**0.0137**	8.40E-01	**0.3359**	4.40E-04	**0.4173**	2.32E-02	-0.6838	0.3064
Oncogenic_SRC	**0.1935**	4.18E-04	**0.6269**	3.70E-05	**0.8069**	3.87E-14	**-0.0877**	2.18E-01	**0.2576**	1.46E-02	**0.3760**	1.14E-01	-0.7071	0.5340
ESC_MOUSE	**0.2482**	1.89E-06	**0.6126**	2.70E-05	**0.7340**	1.65E-12	**0.0310**	6.41E-01	**0.3235**	1.01E-03	**0.6585**	1.16E-03	-0.5544	0.7844
MM_Normal	**0.2058**	5.89E-05	**0.6058**	1.01E-05	**0.7136**	1.39E-13	**-0.0587**	3.90E-01	**0.2474**	1.01E-02	**0.5875**	2.39E-03	-0.5983	0.7194
MCF7_Baylor_2	**0.1586**	2.38E-03	**0.6027**	3.48E-05	**0.6759**	3.77E-11	**-0.1247**	6.69E-02	**0.2159**	2.52E-02	**0.4276**	3.59E-02	-0.7651	0.5179
MM_C3Tag	**0.1907**	2.27E-04	**0.5879**	1.91E-05	**0.6776**	1.80E-12	**-0.0870**	2.11E-01	**0.2408**	1.26E-02	**0.5884**	2.87E-03	-0.6513	0.6707
MM_WapINT3	**0.0919**	8.99E-02	**0.5817**	2.69E-05	**0.6312**	3.27E-11	**-0.2844**	2.39E-04	**0.0915**	3.72E-01	**0.1857**	4.27E-01	-0.9088	0.1724
Proliferation_Cluster	**0.2774**	2.59E-07	**0.5767**	2.15E-04	**0.6885**	6.63E-10	**0.1360**	4.18E-02	**0.3171**	1.86E-03	**0.6954**	1.69E-03	-0.3390	0.8584
ES_exp2	**0.2278**	8.73E-06	**0.5720**	6.44E-05	**0.6089**	1.58E-09	**0.0872**	1.76E-01	**0.2921**	1.79E-03	**0.8145**	2.49E-03	-0.2947	0.7424
HS_Green10	**0.2671**	3.42E-07	**0.5701**	1.26E-04	**0.6856**	1.20E-10	**0.1044**	1.12E-01	**0.3094**	1.61E-03	**0.7113**	1.17E-03	-0.4161	0.8152
MM_WAPTag	**0.1921**	2.10E-04	**0.5658**	5.37E-05	**0.7005**	1.22E-12	**-0.0616**	3.65E-01	**0.1978**	4.36E-02	**0.5842**	3.74E-03	-0.5176	0.7550
MM_Myc	**0.1506**	3.56E-03	**0.5614**	1.80E-05	**0.6690**	1.61E-13	**-0.2062**	6.05E-03	**0.1510**	1.25E-01	**0.4662**	1.52E-02	-0.7667	0.5406
Bone_Metastasis_Underexpressed	**0.1642**	1.62E-03	**0.5497**	3.76E-05	**0.6486**	1.22E-12	**-0.1515**	3.67E-02	**0.2192**	2.30E-02	**0.1970**	3.44E-01	-0.8396	0.2752
Unknown_10	**0.2463**	2.67E-06	**0.5481**	1.50E-04	**0.5500**	4.40E-08	**0.1225**	6.43E-02	**0.4649**	3.45E-06	**0.1697**	4.01E-01	-0.1122	0.3112
RB_LOSS	**0.2590**	1.34E-06	**0.5467**	4.01E-04	**0.6395**	5.96E-09	**0.1290**	5.25E-02	**0.3186**	1.79E-03	**0.6553**	2.31E-03	-0.3112	0.8523
Classification_Prognosis_706	**0.1461**	4.59E-03	**0.5458**	6.24E-05	**0.6549**	5.06E-12	**-0.1761**	1.34E-02	**0.2235**	2.09E-02	**0.3105**	1.06E-01	-0.7824	0.4943
MProliferation	**0.2605**	1.30E-06	**0.5328**	5.33E-04	**0.6449**	3.59E-09	**0.1268**	5.90E-02	**0.2899**	4.23E-03	**0.7264**	1.82E-03	-0.3043	0.8496
RB_LOH	**0.2403**	3.81E-06	**0.5316**	1.99E-04	**0.6840**	1.20E-11	**0.0548**	4.11E-01	**0.2599**	8.47E-03	**0.6204**	1.94E-03	-0.4171	0.7728
CIN70	**0.2619**	9.08E-07	**0.5256**	5.24E-04	**0.6721**	5.60E-10	**0.1243**	6.19E-02	**0.3249**	1.56E-03	**0.7358**	8.69E-04	-0.3166	0.8416
HS_Red23	**0.2791**	2.58E-07	**0.5223**	8.05E-04	**0.6424**	7.87E-09	**0.1664**	1.34E-02	**0.2996**	3.26E-03	**0.7247**	1.68E-03	-0.2771	0.8602
MM_Green19	**0.2420**	4.62E-06	**0.5057**	6.33E-04	**0.6506**	5.51E-10	**0.0882**	1.85E-01	**0.2615**	8.92E-03	**0.5696**	7.98E-03	-0.3478	0.8217
Warm Ischemia Time	**0.1089**	4.62E-02	**0.5040**	4.54E-04	**0.5797**	2.59E-09	**-0.1322**	6.64E-02	**0.0579**	5.87E-01	**-0.0108**	9.63E-01	-0.8576	0.0557
HS_Red6	**0.2255**	1.23E-05	**0.4816**	9.29E-04	**0.5757**	2.40E-08	**0.1339**	3.82E-02	**0.2880**	3.66E-03	**0.5827**	4.54E-03	-0.0676	0.7498
WNT	**0.0071**	8.98E-01	**0.4717**	1.36E-03	**0.4055**	6.84E-05	**-0.3020**	3.72E-05	**0.0603**	5.76E-01	**-0.0106**	9.62E-01	-0.6907	-0.0811
HS_Red1	**0.1038**	4.54E-02	**0.4652**	5.34E-04	**0.5525**	2.49E-09	**-0.2020**	5.08E-03	**0.1306**	1.75E-01	**0.3118**	1.29E-01	-0.7212	0.5485

HS_Red13	**0.1404**	6.27E-03	**0.4636**	1.84E-04	**0.5699**	1.02E-11	**-0.1838**	1.88E-02	**0.0849**	3.90E-01	**0.4923**	1.03E-02	-0.7147	0.5307
HER1_Cluster2	**0.2019**	1.23E-04	**0.4469**	1.48E-03	**0.6293**	5.51E-11	**-0.0219**	7.52E-01	**0.1122**	2.72E-01	**0.6418**	2.54E-03	-0.4583	0.6159
NOS_targets	**0.0791**	1.39E-01	**0.4465**	1.25E-03	**0.4771**	6.10E-07	**-0.2304**	1.47E-03	**0.1733**	7.94E-02	**0.3114**	1.51E-01	-0.6925	0.3175
16q23_Amplicon	**0.2018**	7.12E-05	**0.4240**	2.51E-03	**0.4194**	1.79E-05	**0.1149**	7.35E-02	**0.3382**	4.80E-04	**0.3772**	4.29E-02	-0.2585	0.3935
MM_Red10	**0.1956**	1.53E-04	**0.4235**	2.89E-03	**0.5011**	5.02E-07	**0.0903**	1.68E-01	**0.1876**	5.30E-02	**0.7659**	8.18E-04	-0.2776	0.7294
HS_Red8	**-0.0012**	9.84E-01	**0.4160**	2.53E-03	**0.4557**	1.15E-06	**-0.3656**	1.68E-05	**-0.0832**	4.53E-01	**0.0832**	7.81E-01	-0.7932	0.0107
Glycolysis_Signature	**0.1737**	6.10E-04	**0.4147**	2.90E-03	**0.5614**	4.93E-09	**-0.0006**	9.92E-01	**0.2298**	1.69E-02	**0.4856**	6.90E-03	-0.3264	0.3147
HER1_Cluster1	**0.1151**	2.71E-02	**0.4145**	3.52E-03	**0.4002**	5.31E-05	**-0.0718**	2.78E-01	**0.1109**	2.61E-01	**0.5548**	7.23E-03	-0.3200	0.5000
BASAL_Cluster	**-0.0127**	8.22E-01	**0.4137**	3.17E-03	**0.3784**	9.30E-05	**-0.3377**	2.91E-05	**-0.0439**	6.83E-01	**-0.1220**	6.66E-01	-0.7636	-0.1294
HS_Green2	**0.1527**	2.68E-03	**0.3935**	5.37E-03	**0.5653**	1.29E-08	**-0.0093**	8.85E-01	**0.1880**	5.87E-02	**0.1319**	5.06E-01	-0.3738	0.5993
MM_Red5	**0.1676**	8.46E-04	**0.3847**	4.22E-03	**0.5213**	2.26E-08	**0.0022**	9.73E-01	**0.1423**	1.35E-01	**0.6474**	1.84E-03	-0.3475	0.6855
MM_Green6	**0.1770**	5.89E-04	**0.3802**	6.24E-03	**0.5379**	2.69E-08	**0.0016**	9.81E-01	**0.1665**	8.56E-02	**0.6312**	3.63E-03	-0.4372	0.6959
MUnknown_11	**-0.0159**	7.54E-01	**0.3790**	4.22E-03	**0.0895**	3.55E-01	**-0.0986**	1.25E-01	**0.0008**	9.93E-01	**0.4407**	8.43E-02	-0.2952	0.3038
16q24x	**0.1719**	6.74E-04	**0.3491**	1.10E-02	**0.3008**	1.70E-03	**0.1173**	6.69E-02	**0.2844**	2.53E-03	**0.4714**	6.35E-03	-0.2642	0.2016
HS_Green20	**0.1174**	2.28E-02	**0.3318**	1.96E-02	**0.3755**	1.50E-04	**-0.0186**	7.76E-01	**0.1443**	1.44E-01	**0.1486**	4.42E-01	-0.4788	0.3034
ECM	**0.0478**	3.51E-01	**0.3285**	2.04E-02	**0.4287**	1.55E-05	**-0.1572**	1.59E-02	**0.0035**	9.71E-01	**0.2734**	1.37E-01	-0.3044	0.5880
Stromal_PLOS	**0.0471**	3.70E-01	**0.3273**	2.74E-02	**0.4516**	1.76E-05	**-0.1300**	4.72E-02	**-0.0211**	8.31E-01	**0.3303**	9.57E-02	-0.2092	0.5277
TGFB	**0.1322**	9.26E-03	**0.3153**	2.17E-02	**0.3698**	9.48E-05	**-0.0112**	8.62E-01	**0.1073**	2.92E-01	**0.4277**	3.77E-02	-0.2131	0.4288
Unknown_8	**0.0498**	3.27E-01	**0.3098**	3.34E-02	**0.2518**	1.26E-02	**-0.0301**	6.34E-01	**0.0336**	7.25E-01	**-0.0893**	6.08E-01	-0.0628	0.2102
RDAM	**0.1240**	1.76E-02	**0.3097**	3.56E-02	**0.4048**	8.95E-05	**-0.0285**	6.59E-01	**0.3301**	1.23E-03	**0.0914**	6.08E-01	-0.6072	-0.0035
MM_Red20	**-0.0608**	2.66E-01	**0.3094**	4.20E-02	**0.1463**	1.62E-01	**-0.2144**	1.81E-03	**-0.1160**	2.78E-01	**-0.1547**	5.83E-01	-0.5880	-0.2585
MK14_K17	**-0.0293**	5.85E-01	**0.2955**	3.42E-02	**0.1575**	1.15E-01	**-0.1307**	5.72E-02	**0.0492**	6.22E-01	**0.1272**	5.49E-01	-0.3006	-0.1282
NOS_TFs	**0.0735**	1.47E-01	**0.2915**	2.30E-02	**0.3788**	1.30E-05	**-0.1576**	2.85E-02	**0.1032**	2.72E-01	**0.3081**	1.33E-01	-0.5816	0.1655
MUnknown_24	**0.0260**	6.21E-01	**0.2906**	3.90E-02	**0.3829**	7.17E-05	**-0.1447**	3.29E-02	**0.0270**	7.85E-01	**0.1208**	5.55E-01	-0.4615	0.1733
HS_Green24	**0.0351**	4.89E-01	**0.2854**	5.02E-02	**0.1953**	5.19E-02	**-0.0407**	5.19E-01	**0.0195**	8.36E-01	**0.0126**	9.44E-01	-0.1136	0.1647
LKB1	**0.0194**	7.35E-01	**0.2829**	9.14E-02	**0.6081**	3.11E-07	**-0.2628**	1.31E-04	**-0.2600**	1.91E-02	**0.2410**	4.09E-01	-0.6730	0.1696
Unknown_11	**0.1639**	1.33E-03	**0.2767**	5.02E-02	**0.3480**	4.36E-04	**0.1951**	2.40E-03	**0.1365**	1.61E-01	**0.5149**	3.79E-03	0.1630	0.4882
HER1_Cluster3	**0.1370**	7.74E-03	**0.2723**	5.45E-02	**0.5519**	1.22E-08	**-0.0044**	9.46E-01	**0.1307**	1.99E-01	**0.3025**	1.10E-01	-0.2660	0.5663
MM_Green11	**0.1467**	4.12E-03	**0.2715**	5.73E-02	**0.3229**	1.43E-03	**0.1318**	4.00E-02	**0.1045**	2.67E-01	**0.6582**	2.10E-03	0.1470	0.3935
HS_Green5	**0.1381**	7.17E-03	**0.2480**	8.55E-02	**0.2353**	2.01E-02	**0.1414**	2.85E-02	**0.1440**	1.32E-01	**0.8026**	5.77E-04	0.2123	0.4655
8p_Amplicon	**0.1047**	3.84E-02	**0.2432**	7.33E-02	**0.2440**	9.28E-03	**0.0363**	5.75E-01	**0.0755**	4.58E-01	**0.3826**	4.06E-02	-0.0539	0.4512
HS_Green12	**-0.1287**	1.62E-02	**0.2426**	1.01E-01	**0.0579**	5.70E-01	**-0.3412**	5.20E-07	**-0.0139**	8.87E-01	**-0.3615**	2.77E-01	-0.6518	0.0103
KRAS_amplicon	**0.1176**	3.04E-02	**0.2360**	9.37E-02	**0.3117**	6.28E-04	**0.0390**	5.83E-01	**0.1798**	8.90E-02	**0.0543**	8.21E-01	-0.1531	0.2203
Unknown_14	**0.0802**	1.12E-01	**0.2344**	6.28E-02	**0.1505**	1.03E-01	**0.1226**	4.64E-02	**0.1262**	1.84E-01	**-0.2792**	2.66E-01	0.1691	0.3521
MUnknown_27	**0.0803**	1.18E-01	**0.2327**	1.06E-01	**0.2566**	1.13E-02	**0.0328**	6.10E-01	**0.0766**	4.25E-01	**0.6903**	7.44E-04	0.0204	0.4150
MM_Green2	**0.1324**	1.06E-02	**0.2188**	1.26E-01	**0.3349**	8.53E-04	**0.0754**	2.48E-01	**0.0936**	3.35E-01	**0.9245**	9.23E-05	-0.0002	0.5374
17q25x	**0.1011**	4.49E-02	**0.2151**	1.12E-01	**0.1213**	2.09E-01	**0.0508**	4.29E-01	**0.1305**	1.82E-01	**0.2560**	1.71E-01	0.0309	0.3208
MUnknown_7	**0.1001**	5.13E-02	**0.2102**	1.41E-01	**0.2206**	2.75E-02	**0.0502**	4.36E-01	**0.0534**	5.77E-01	**0.7632**	2.48E-04	0.0647	0.4424
B_Cell	**-0.0795**	1.33E-01	**0.2036**	1.49E-01	**0.1281**	1.93E-01	**-0.3068**	1.07E-05	**0.0473**	6.28E-01	**-0.0577**	8.04E-01	-0.5572	0.2646
MM_Red16	**0.0562**	2.71E-01	**0.2031**	1.60E-01	**0.0320**	7.45E-01	**0.0428**	5.04E-01	**0.0021**	9.82E-01	**0.5805**	5.55E-03	0.1107	0.2043
S100A9_A8	**0.0190**	7.29E-01	**0.1996**	1.50E-01	**0.2152**	2.31E-02	**-0.1321**	7.60E-02	**0.2533**	4.82E-03	**0.2457**	2.83E-01	-0.2473	0.1762
MM_Red4	**0.0864**	9.67E-02	**0.1861**	1.95E-01	**0.3054**	2.29E-03	**0.0410**	5.32E-01	**0.0036**	9.71E-01	**0.5311**	1.63E-02	0.0868	0.5438
MNADH_CYTochrome	**0.0869**	8.92E-02	**0.1854**	1.91E-01	**0.2918**	3.32E-03	**0.1107**	8.51E-02	**0.0886**	3.80E-01	**-0.1065**	6.10E-01	0.1797	0.3275
MUnknown_21	**0.1630**	1.26E-03	**0.1755**	2.09E-01	**0.0827**	4.00E-01	**0.1771**	5.24E-03	**0.2365**	1.27E-02	**0.8540**	1.41E-03	0.2756	0.2076
MM_Green15	**-0.0751**	1.46E-01	**0.1623**	2.53E-01	**-0.0475**	6.33E-01	**-0.1000**	1.23E-01	**-0.1047**	2.90E-01	**-0.4339**	8.65E-02	-0.2837	-0.2882
CD8	**-0.0385**	4.65E-01	**0.1577**	2.59E-01	**0.0849**	3.88E-01	**-0.2308**	9.18E-04	**0.0309**	7.50E-01	**0.0540**	8.35E-01	-0.4092	0.3652
IGR	**0.0682**	1.75E-01	**0.1451**	2.94E-01	**0.2262**	1.75E-02	**0.0069**	9.14E-01	**0.1801**	6.56E-02	**0.2622**	1.45E-01	-0.1210	0.4153
Metastasis_In_primary_solid_tumors	**-0.0894**	8.19E-02	**0.1384**	3.06E-01	**0.0249**	7.97E-01	**-0.1341**	3.98E-02	**-0.1539**	1.25E-01	**-0.2473**	1.78E-01	-0.2922	-0.5683
MBASAL	**-0.0306**	5.54E-01	**0.1376**	3.33E-01	**-0.0580**	5.61E-01	**-0.0735**	2.60E-01	**-0.0694**	4.78E-01	**-0.1883**	3.82E-01	-0.4001	-0.5139

MUnknown_6	**0.1009**	5.58E-02	**0.1349**	3.57E-01	**0.4640**	4.00E-06	**-0.0079**	9.05E-01	**0.0431**	6.76E-01	**0.3251**	1.39E-01	-0.1140	0.4856
CD44+PROCR+-vs-CD24+-Downregulated	**-0.0770**	1.33E-01	**0.1291**	3.56E-01	**0.0244**	8.03E-01	**-0.2250**	5.87E-04	**0.2039**	2.77E-02	**0.2321**	2.85E-01	-0.2834	0.2569
HS_Green4	**-0.0176**	7.35E-01	**0.1236**	3.94E-01	**0.0644**	5.20E-01	**-0.0819**	2.12E-01	**0.0483**	6.20E-01	**-0.3475**	1.35E-01	-0.5906	-0.4016
MAGE_Cluster	**0.0254**	6.67E-01	**0.1224**	4.03E-01	**0.2401**	3.55E-03	**-0.1138**	1.90E-01	**0.0139**	8.98E-01	**0.4116**	1.26E-01	-0.1439	0.1617
MUnknown_35	**0.0138**	7.87E-01	**0.1203**	3.86E-01	**-0.1936**	5.50E-02	**-0.0115**	8.58E-01	**0.0687**	4.71E-01	**0.3334**	5.59E-02	-0.0699	0.0392
MHistone	**0.0942**	7.85E-02	**0.1191**	4.24E-01	**0.0723**	4.83E-01	**0.1705**	1.08E-02	**0.1836**	6.30E-02	**0.2177**	3.14E-01	0.1563	0.1641
MM_Red9	**0.0082**	8.76E-01	**0.1170**	4.18E-01	**0.0920**	3.60E-01	**-0.0355**	5.96E-01	**-0.0127**	8.99E-01	**-0.2074**	3.73E-01	-0.4083	-0.1078
MUnknown_3	**-0.0794**	1.20E-01	**0.1162**	4.06E-01	**-0.1112**	2.59E-01	**-0.1138**	7.56E-02	**-0.1410**	1.35E-01	**0.2557**	2.56E-01	-0.0328	0.1975
IGG_Cluster	**-0.2132**	1.50E-04	**0.1141**	4.15E-01	**-0.2012**	6.18E-02	**-0.3992**	8.61E-08	**-0.0144**	8.85E-01	**-0.2692**	3.93E-01	-0.3076	0.1023
MUnknown_26	**0.0292**	5.70E-01	**0.1113**	4.39E-01	**-0.0068**	9.45E-01	**0.0424**	5.11E-01	**-0.1338**	1.55E-01	**0.5903**	5.65E-03	0.0964	0.0646
HS_Green6	**-0.0774**	1.45E-01	**0.1074**	4.45E-01	**0.0083**	9.34E-01	**-0.2232**	1.41E-03	**-0.0477**	6.29E-01	**-0.0251**	9.11E-01	-0.4065	0.2591
Immune_cell_Cluster	**-0.0698**	1.89E-01	**0.1044**	4.65E-01	**0.0123**	9.03E-01	**-0.2043**	3.09E-03	**-0.0377**	7.10E-01	**-0.1065**	6.19E-01	-0.3776	0.2575
MUnknown_12	**0.0682**	1.81E-01	**0.1034**	4.64E-01	**0.3161**	1.38E-03	**0.0202**	7.51E-01	**0.0229**	8.21E-01	**0.1272**	5.18E-01	0.0169	0.3486
MUnknown_23	**-0.0633**	2.36E-01	**0.1020**	4.75E-01	**-0.0208**	8.38E-01	**-0.1512**	2.80E-02	**-0.0996**	3.27E-01	**-0.1137**	6.20E-01	-0.3363	0.1785
MKRAS_amplicon	**0.0183**	7.52E-01	**0.1010**	5.19E-01	**0.1965**	5.29E-02	**-0.0728**	3.29E-01	**-0.0242**	8.33E-01	**-0.4341**	8.79E-02	-0.1813	0.1160
MSquamous	**-0.1563**	3.43E-03	**0.1003**	4.81E-01	**-0.0224**	8.25E-01	**-0.2423**	3.03E-04	**-0.2312**	2.01E-02	**0.1175**	7.20E-01	-0.1271	-0.0367
MM_Red25	**-0.0628**	2.20E-01	**0.0946**	5.13E-01	**-0.1342**	1.70E-01	**-0.1188**	6.32E-02	**-0.1057**	2.72E-01	**0.0002**	9.99E-01	-0.4792	-0.3821
MUnknown_25	**0.0639**	2.15E-01	**0.0898**	5.29E-01	**-0.1478**	1.34E-01	**0.1463**	2.43E-02	**-0.0019**	9.85E-01	**0.3872**	4.29E-02	0.0463	-0.0298
MM_Green8	**-0.0226**	6.70E-01	**0.0891**	5.43E-01	**-0.1300**	2.08E-01	**0.0009**	9.89E-01	**-0.0373**	7.08E-01	**-0.0194**	9.28E-01	0.1211	0.0252
MUnknown_13	**0.0605**	2.35E-01	**0.0886**	5.31E-01	**0.3090**	1.78E-03	**0.0114**	8.58E-01	**0.0178**	8.61E-01	**0.1171**	5.52E-01	0.0231	0.3386
HS_Green23	**0.0553**	2.94E-01	**0.0863**	5.56E-01	**0.0010**	9.92E-01	**0.1382**	3.68E-02	**0.1875**	6.72E-02	**0.3368**	8.68E-02	0.2718	0.0852
BRCA1	**-0.1343**	1.18E-02	**0.0838**	5.46E-01	**-0.0630**	5.31E-01	**-0.2976**	2.48E-05	**0.0535**	5.78E-01	**-0.0541**	8.01E-01	-0.3504	0.1635
Unknown_12	**-0.0260**	6.23E-01	**0.0831**	5.72E-01	**0.1405**	1.64E-01	**-0.1692**	1.17E-02	**0.0152**	8.81E-01	**0.1661**	4.47E-01	-0.0789	-0.0308
HS_Red17	**-0.0384**	4.63E-01	**0.0806**	5.76E-01	**0.1945**	4.76E-02	**-0.1053**	1.10E-01	**-0.0617**	5.40E-01	**-0.0663**	9.03E-01	0.0755	0.1095
HS_Red22	**0.0565**	2.55E-01	**0.0744**	5.87E-01	**0.2319**	1.44E-02	**0.0451**	4.69E-01	**0.0511**	6.02E-01	**-0.2379**	1.86E-01	0.0885	0.1928
Claudin_High	**-0.1113**	3.98E-02	**0.0739**	6.01E-01	**-0.0616**	5.48E-01	**-0.2212**	1.75E-03	**-0.1243**	2.21E-01	**-0.1932**	4.26E-01	-0.4339	0.1170
MM_Red22	**-0.0731**	1.69E-01	**0.0717**	6.14E-01	**-0.0090**	9.29E-01	**-0.1915**	5.40E-03	**-0.0751**	4.52E-01	**-0.0431**	8.48E-01	-0.3897	0.2133
17PP13_Amplicon	**-0.0843**	9.58E-02	**0.0632**	6.45E-01	**0.0268**	7.81E-01	**-0.1081**	8.99E-02	**-0.2320**	1.75E-02	**-0.1693**	3.65E-01	0.1057	0.0185
HS_Red4	**-0.1039**	5.45E-02	**0.0626**	6.61E-01	**-0.0633**	5.38E-01	**-0.2381**	8.01E-04	**-0.0608**	5.43E-01	**-0.1175**	6.22E-01	-0.3606	0.2258
MCD3_CD8	**-0.1872**	1.10E-03	**0.0588**	6.76E-01	**-0.2969**	1.06E-02	**-0.3238**	2.46E-05	**-0.1395**	1.78E-01	**-0.0691**	8.10E-01	-0.2861	0.1733
MM_Red11	**0.0235**	6.50E-01	**0.0519**	7.17E-01	**0.0701**	4.83E-01	**0.0335**	6.07E-01	**-0.1424**	1.43E-01	**0.6011**	7.87E-03	0.1697	0.3856
HS_Red20	**-0.1576**	4.28E-03	**0.0491**	7.30E-01	**-0.1341**	2.03E-01	**-0.3077**	2.74E-05	**-0.1118**	2.69E-01	**-0.2172**	3.64E-01	-0.3735	0.1624
HISTONE	**0.0500**	3.46E-01	**0.0449**	7.61E-01	**-0.0109**	9.15E-01	**0.1396**	3.57E-02	**0.1619**	1.09E-01	**0.3936**	6.86E-02	0.2484	0.1088
Unknown_1	**-0.0176**	7.23E-01	**0.0440**	7.52E-01	**0.0504**	6.07E-01	**-0.0513**	4.04E-01	**-0.0203**	8.22E-01	**0.9410**	1.87E-02	0.1547	0.1288
MITO2	**0.0502**	3.07E-01	**0.0434**	7.49E-01	**0.1776**	5.87E-02	**0.0629**	3.08E-01	**0.0222**	8.18E-01	**-0.2378**	1.77E-01	0.1993	0.2197
MM_Green9	**-0.1564**	2.45E-03	**0.0432**	7.68E-01	**-0.1517**	1.26E-01	**-0.1626**	1.23E-02	**-0.2024**	4.08E-02	**0.0052**	9.83E-01	0.0226	-0.2612
MITO1	**0.0944**	4.92E-02	**0.0379**	7.75E-01	**0.1653**	7.35E-02	**0.1252**	3.71E-02	**0.0806**	3.70E-01	**0.0690**	6.61E-01	0.2060	0.2915
HS_Red16	**0.0080**	8.75E-01	**0.0370**	7.93E-01	**0.0889**	3.56E-01	**-0.0853**	1.95E-01	**0.0926**	3.54E-01	**0.1499**	4.57E-01	-0.1073	0.3421
MM_Green1	**-0.0671**	2.06E-01	**0.0338**	8.17E-01	**-0.1178**	2.51E-01	**-0.0870**	1.93E-01	**-0.1013**	3.07E-01	**-0.2851**	2.15E-01	-0.4335	-0.2873
MUnknown_15	**-0.0260**	6.07E-01	**0.0302**	8.31E-01	**0.0749**	4.49E-01	**-0.0062**	9.23E-01	**-0.1117**	2.47E-01	**-0.2532**	1.34E-01	0.2389	0.0528
HS_Red7	**0.0533**	3.02E-01	**0.0302**	8.34E-01	**-0.0299**	7.68E-01	**0.1018**	1.14E-01	**0.1302**	1.72E-01	**-0.2090**	3.15E-01	-0.2407	-0.3667
11q13_Amplicon	**0.0531**	2.54E-01	**0.0230**	8.66E-01	**0.0360**	6.97E-01	**0.0750**	1.83E-01	**0.0240**	8.12E-01	**0.2854**	2.43E-02	0.1037	0.0301
HS_Green9	**0.0482**	3.47E-01	**0.0182**	8.99E-01	**-0.0830**	4.11E-01	**0.1128**	7.70E-02	**0.1350**	1.54E-01	**-0.1462**	4.45E-01	-0.1737	-0.3642
Mmyosin	**-0.0605**	2.23E-01	**0.0159**	9.07E-01	**-0.0613**	5.24E-01	**-0.0618**	3.20E-01	**-0.1711**	6.15E-02	**0.1099**	6.55E-01	0.0285	-0.0135
MM_Green20	**-0.0307**	5.50E-01	**0.0142**	9.21E-01	**-0.0900**	3.62E-01	**-0.0312**	6.29E-01	**0.0243**	7.99E-01	**-0.2189**	2.90E-01	-0.4088	-0.3934
HS_Red25	**0.0539**	3.04E-01	**0.0106**	9.43E-01	**-0.1901**	9.11E-02	**0.2450**	4.20E-05	**0.1652**	8.09E-02	**-0.2539**	2.86E-01	0.5286	0.1215
Interferon_Cluster	**0.0028**	9.56E-01	**0.0100**	9.44E-01	**0.0785**	4.16E-01	**-0.0804**	2.23E-01	**0.0863**	3.92E-01	**0.1222**	5.50E-01	-0.0868	0.3242
MInterferon_Cluster	**-0.0077**	8.81E-01	**0.0065**	9.64E-01	**0.0515**	5.99E-01	**-0.1146**	8.25E-02	**0.0642**	5.21E-01	**0.0656**	7.37E-01	-0.1474	0.3510
HS_Green11	**-0.0360**	4.72E-01	**-0.0052**	9.70E-01	**0.1155**	2.51E-01	**-0.0406**	5.17E-01	**-0.0840**	4.02E-01	**-0.2211**	2.56E-01	0.2345	0.0620

HS_Green17	**0.0844**	9.67E-02	**-0.0096**	9.46E-01	**0.1057**	2.79E-01	**0.1189**	6.19E-02	**0.0938**	3.35E-01	**0.2487**	1.87E-01	0.1992	0.1134
MM_Red24	**-0.1398**	9.38E-03	**-0.0160**	9.09E-01	**-0.4772**	6.98E-05	**0.0196**	7.53E-01	**-0.1790**	7.64E-02	**-0.5992**	8.14E-02	0.0922	-0.4180
MM_Green4	**0.0145**	7.74E-01	**-0.0163**	9.08E-01	**0.2063**	3.32E-02	**0.0012**	9.85E-01	**-0.0333**	7.37E-01	**-0.1972**	3.00E-01	0.1370	0.2170
MM_Green21	**-0.0096**	8.51E-01	**-0.0174**	9.03E-01	**0.0313**	7.49E-01	**-0.1174**	7.44E-02	**0.0375**	7.07E-01	**0.0695**	7.24E-01	-0.1292	0.3394
Unknown_16	**-0.0536**	2.78E-01	**-0.0200**	8.85E-01	**-0.0298**	7.55E-01	**-0.0824**	1.79E-01	**0.0236**	8.04E-01	**-0.1590**	5.57E-01	0.0273	0.0190
Unknown_7	**0.0602**	2.31E-01	**-0.0210**	8.81E-01	**0.1103**	2.52E-01	**0.0827**	1.89E-01	**0.0454**	6.40E-01	**0.1292**	4.59E-01	0.1791	0.1280
1p36_Amplicon	**0.0078**	8.80E-01	**-0.0329**	8.18E-01	**-0.0789**	4.23E-01	**0.0252**	6.99E-01	**0.1256**	2.06E-01	**-0.1024**	5.92E-01	0.1569	0.0497
MNB3	**-0.1137**	3.95E-02	**-0.0366**	8.04E-01	**-0.2480**	2.33E-02	**-0.1385**	4.75E-02	**-0.3048**	5.38E-03	**0.2985**	3.43E-01	-0.0182	-0.0774
HS_Green22	**-0.0502**	3.14E-01	**-0.0372**	7.88E-01	**0.0836**	3.97E-01	**-0.1148**	6.17E-02	**-0.0082**	9.30E-01	**-0.2861**	2.94E-01	-0.0565	0.2099
MNB2	**-0.1230**	2.31E-02	**-0.0387**	7.87E-01	**-0.4264**	3.99E-04	**0.0422**	4.97E-01	**-0.1849**	7.25E-02	**-0.3010**	3.14E-01	-0.0186	-0.3707
MFGFR2	**-0.0740**	1.52E-01	**-0.0401**	7.79E-01	**0.0821**	4.10E-01	**-0.2392**	2.36E-04	**0.0690**	4.61E-01	**-0.2537**	2.62E-01	-0.2446	-0.1640
Unknown_5	**0.0547**	2.75E-01	**-0.0413**	7.68E-01	**0.0871**	3.65E-01	**0.0800**	2.02E-01	**0.0410**	6.74E-01	**0.1064**	5.45E-01	0.2132	0.1045
MUnknown_2	**-0.0488**	3.63E-01	**-0.0458**	7.59E-01	**-0.3910**	1.02E-04	**0.1214**	7.54E-02	**-0.1443**	1.42E-01	**0.0761**	7.18E-01	0.4760	-0.2034
HS_Green15	**-0.0841**	8.84E-02	**-0.0463**	7.35E-01	**-0.0281**	7.71E-01	**-0.1055**	8.68E-02	**-0.0976**	2.70E-01	**1.2437**	6.45E-02	0.1440	-0.0214
MUnknown_14	**0.0025**	9.62E-01	**-0.0488**	7.34E-01	**-0.0660**	5.09E-01	**0.0812**	2.10E-01	**-0.0397**	6.91E-01	**-0.3517**	1.05E-01	0.3871	-0.0492
Fibromatosis	**0.0126**	8.11E-01	**-0.0489**	7.41E-01	**-0.1388**	1.79E-01	**0.0800**	2.24E-01	**0.1307**	1.82E-01	**-0.2644**	2.28E-01	-0.2091	-0.4458
HS_Green21	**-0.1514**	4.46E-03	**-0.0545**	7.13E-01	**-0.0571**	5.77E-01	**-0.2681**	6.66E-05	**-0.0074**	9.41E-01	**-0.4578**	6.74E-02	-0.2913	-0.4450
MM_Red1	**-0.1421**	7.91E-03	**-0.0548**	7.08E-01	**-0.2916**	5.84E-03	**-0.1256**	6.12E-02	**-0.2126**	3.47E-02	**-0.4260**	9.39E-02	-0.3478	-0.2737
MUnknown_1	**0.0517**	3.04E-01	**-0.0551**	6.89E-01	**-0.0663**	4.94E-01	**0.1300**	4.00E-02	**-0.0828**	3.72E-01	**0.3891**	3.91E-02	0.2590	0.1369
MUnknown_9	**-0.0606**	2.45E-01	**-0.0588**	6.85E-01	**-0.1963**	5.10E-02	**-0.0202**	7.59E-01	**-0.2573**	8.04E-03	**0.1208**	6.13E-01	0.2379	0.0045
MUnknown_31	**-0.0247**	6.45E-01	**-0.0591**	6.92E-01	**0.1558**	1.27E-01	**-0.0439**	5.15E-01	**-0.1810**	7.39E-02	**0.4945**	2.66E-02	0.0218	0.2854
15q25_Amplicon	**0.0141**	7.84E-01	**-0.0595**	6.74E-01	**-0.0096**	9.23E-01	**0.1863**	3.95E-03	**0.1091**	2.61E-01	**-0.1097**	5.39E-01	0.4736	-0.0404
Unknown_15	**-0.0474**	3.49E-01	**-0.0607**	6.64E-01	**-0.1739**	7.63E-02	**-0.0527**	4.06E-01	**-0.2206**	2.28E-02	**0.1791**	3.26E-01	0.0143	0.0270
HS_Green3	**-0.1073**	3.49E-02	**-0.0609**	6.65E-01	**-0.1872**	5.53E-02	**-0.1134**	7.56E-02	**-0.3362**	6.45E-04	**0.3379**	2.20E-01	-0.0854	0.0319
LYMPHS	**-0.0125**	7.98E-01	**-0.0640**	6.38E-01	**-0.1904**	5.10E-02	**0.0891**	1.40E-01	**-0.1288**	1.73E-01	**0.0219**	8.83E-01	0.5004	0.0030
MM_p53null	**-0.0215**	6.80E-01	**-0.0662**	6.50E-01	**-0.0589**	5.58E-01	**-0.0868**	1.89E-01	**0.0807**	4.28E-01	**0.1398**	4.97E-01	-0.0422	0.2622
MM_Green17	**-0.0566**	2.55E-01	**-0.0696**	6.12E-01	**0.0819**	4.08E-01	**-0.0503**	4.22E-01	**-0.1559**	8.30E-02	**-0.2955**	4.56E-02	0.0475	0.0528
MNB1	**-0.0429**	4.04E-01	**-0.0746**	6.01E-01	**-0.0293**	7.68E-01	**0.0182**	7.78E-01	**-0.0602**	5.41E-01	**-0.3499**	7.90E-02	0.2981	-0.1433
Unknown_3	**-0.0385**	4.53E-01	**-0.0754**	5.93E-01	**0.0923**	3.61E-01	**-0.0228**	7.24E-01	**-0.1148**	2.64E-01	**-0.3872**	1.34E-01	0.2742	-0.0747
HS_Red21	**0.0277**	5.89E-01	**-0.0773**	5.93E-01	**-0.1914**	6.30E-02	**0.1179**	6.35E-02	**0.1212**	1.96E-01	**-0.2116**	2.77E-01	-0.0617	-0.3920
Fibroblast_Cluster	**0.0092**	8.59E-01	**-0.0830**	5.65E-01	**-0.2068**	4.21E-02	**0.1067**	9.61E-02	**0.1061**	2.70E-01	**-0.2387**	2.18E-01	-0.0964	-0.4426
MM_Green22	**-0.1179**	2.27E-02	**-0.0837**	5.60E-01	**-0.2141**	3.12E-02	**-0.0464**	4.75E-01	**-0.2722**	5.58E-03	**0.0149**	9.49E-01	0.1384	-0.2854
MUnknown_29	**0.0680**	1.77E-01	**-0.0883**	5.29E-01	**-0.0394**	6.88E-01	**0.1402**	2.59E-02	**-0.0203**	8.27E-01	**0.0624**	7.84E-01	0.1501	0.0608
MUnknown_32	**-0.0990**	5.41E-02	**-0.0886**	5.33E-01	**-0.3154**	1.39E-03	**-0.0266**	6.80E-01	**-0.1939**	5.18E-02	**0.5507**	3.71E-02	0.1015	-0.0224
HS_Red24	**-0.0765**	1.46E-01	**-0.0942**	5.21E-01	**-0.2024**	6.11E-02	**-0.0001**	9.99E-01	**0.0161**	8.66E-01	**-0.1369**	5.61E-01	-0.1197	-0.3208
Unknown_13	**-0.0523**	3.41E-01	**-0.0969**	5.43E-01	**0.0370**	7.05E-01	**-0.0103**	8.77E-01	**-0.0938**	3.89E-01	**-0.1432**	5.45E-01	0.1565	-0.0001
HS_Red12	**0.0531**	3.19E-01	**-0.0970**	5.51E-01	**-0.0881**	4.28E-01	**0.1627**	9.80E-03	**0.3339**	9.56E-05	**0.1130**	6.20E-01	0.3248	-0.0226
MECM	**-0.0234**	6.55E-01	**-0.0975**	5.06E-01	**-0.2482**	1.74E-02	**0.0793**	2.22E-01	**-0.0028**	9.77E-01	**-0.3997**	7.97E-02	-0.1744	-0.4877
MM_Green16	**-0.1785**	5.17E-04	**-0.0988**	4.85E-01	**-0.2437**	1.43E-02	**-0.1798**	5.36E-03	**-0.3049**	2.31E-03	**0.1302**	6.23E-01	-0.2041	0.0280
MUnknown_20	**-0.0953**	6.64E-02	**-0.1013**	4.82E-01	**-0.0747**	4.53E-01	**-0.0793**	2.24E-01	**-0.3880**	1.05E-04	**0.1405**	5.85E-01	0.1180	0.0908
19p13_Amplicon	**-0.0506**	3.30E-01	**-0.1044**	4.73E-01	**-0.1800**	8.22E-02	**-0.0175**	7.87E-01	**-0.0876**	3.79E-01	**0.1650**	3.24E-01	0.1770	0.1586
MUnknown_17	**-0.1280**	1.29E-02	**-0.1081**	4.48E-01	**-0.1961**	4.89E-02	**-0.1115**	8.47E-02	**-0.3527**	5.25E-04	**0.3669**	8.07E-02	0.0429	-0.0057
HER2_Amplicon	**0.0170**	7.43E-01	**-0.1124**	4.92E-01	**-0.0765**	4.86E-01	**0.1045**	7.76E-02	**0.2867**	1.55E-04	**-0.1606**	4.70E-01	0.1985	-0.0153
MM_Green25	**-0.1205**	2.10E-02	**-0.1148**	4.28E-01	**-0.3557**	4.26E-04	**0.0009**	9.89E-01	**-0.3308**	1.14E-03	**0.0789**	7.08E-01	0.1472	-0.2811
HS_Red14	**-0.0224**	6.70E-01	**-0.1167**	4.41E-01	**-0.1623**	1.29E-01	**0.0524**	4.13E-01	**-0.0973**	3.51E-01	**0.2505**	2.07E-01	0.3545	0.1853
MUnknown_22	**-0.0233**	6.46E-01	**-0.1204**	3.90E-01	**-0.2655**	6.75E-03	**0.0979**	1.25E-01	**-0.0497**	6.01E-01	**-0.0316**	8.80E-01	0.2531	-0.1560
MUnknown_18	**-0.1568**	2.85E-03	**-0.1222**	4.00E-01	**-0.4649**	5.91E-06	**-0.0658**	3.15E-01	**-0.3925**	1.29E-04	**0.2459**	3.44E-01	0.1540	-0.1761
MM_Red6	**-0.1750**	7.41E-04	**-0.1229**	3.92E-01	**-0.3383**	8.48E-04	**-0.1536**	1.84E-02	**-0.2135**	2.98E-02	**-0.3756**	8.35E-02	-0.3395	-0.5941
Claudin_Low_29	**0.0147**	7.84E-01	**-0.1257**	3.73E-01	**-0.1891**	4.38E-02	**0.2014**	4.65E-03	**0.0551**	6.11E-01	**0.4691**	6.21E-02	0.6133	0.0630

Unknown_2	**-0.1081**	3.97E-02	**-0.1270**	3.85E-01	**-0.0452**	6.53E-01	**-0.0761**	2.49E-01	**-0.2124**	3.40E-02	**-0.5881**	1.23E-01	0.2464	-0.1459
MUnknown_30	**-0.0077**	8.79E-01	**-0.1293**	3.60E-01	**-0.1560**	1.15E-01	**0.0029**	9.64E-01	**-0.1600**	9.58E-02	**0.0867**	6.71E-01	-0.1325	-0.0382
MM_Green13	**-0.1647**	1.73E-03	**-0.1302**	3.72E-01	**-0.4815**	1.66E-06	**-0.0868**	1.88E-01	**-0.4403**	4.62E-05	**0.0595**	8.16E-01	0.0130	-0.2692
MUnknown_33	**-0.2051**	1.13E-04	**-0.1322**	3.58E-01	**-0.3608**	6.62E-04	**-0.2538**	1.64E-04	**-0.2534**	1.04E-02	**-0.1780**	5.19E-01	-0.2949	-0.0206
MM_Red12	**-0.1902**	2.68E-04	**-0.1327**	3.61E-01	**-0.3581**	2.93E-04	**-0.1969**	2.68E-03	**-0.4405**	2.27E-05	**0.1459**	5.77E-01	-0.0957	0.0252
HS_Red10	**-0.1578**	4.07E-03	**-0.1327**	3.76E-01	**-0.4158**	5.06E-04	**-0.0289**	6.56E-01	**-0.1869**	7.00E-02	**-0.8103**	9.62E-03	-0.1319	-0.4647
MM_Red14	**-0.1843**	3.64E-04	**-0.1364**	3.42E-01	**-0.2936**	3.30E-03	**-0.1982**	2.27E-03	**-0.2139**	2.73E-02	**-0.1339**	5.37E-01	0.0383	-0.0022
MUnknown_19	**-0.1648**	1.52E-03	**-0.1374**	3.42E-01	**-0.4300**	9.64E-06	**-0.1123**	8.71E-02	**-0.3885**	1.54E-04	**0.2412**	3.55E-01	0.0514	-0.0211
MM_Red13	**-0.1407**	6.66E-03	**-0.1398**	3.30E-01	**-0.2574**	1.04E-02	**-0.1179**	6.94E-02	**-0.3485**	5.44E-04	**0.4148**	2.00E-01	-0.0172	-0.0728
HER2_Immune	**0.0973**	7.07E-02	**-0.1431**	3.11E-01	**-0.0256**	7.99E-01	**0.2976**	3.55E-05	**0.0399**	6.90E-01	**0.0705**	7.58E-01	0.4083	-0.3218
MM_Green14	**-0.1075**	4.28E-02	**-0.1506**	3.08E-01	**-0.3515**	4.38E-04	**-0.0354**	5.96E-01	**-0.4566**	5.50E-05	**0.3298**	2.08E-01	0.0440	-0.1059
MUnknown_5	**-0.1245**	1.40E-02	**-0.1521**	2.76E-01	**-0.2145**	2.87E-02	**-0.1078**	8.94E-02	**-0.3048**	1.39E-03	**0.0058**	9.85E-01	0.0683	-0.0567
CD34_CD36_Cluster	**-0.1198**	2.75E-02	**-0.1536**	3.14E-01	**-0.3637**	1.55E-03	**0.0249**	7.00E-01	**-0.1269**	2.20E-01	**-0.6763**	1.71E-02	-0.0957	-0.4863
HS_Red5	**-0.1126**	3.00E-02	**-0.1578**	2.74E-01	**-0.2939**	3.71E-03	**-0.0730**	2.60E-01	**-0.3519**	7.86E-04	**0.2356**	2.76E-01	0.0864	-0.0628
MUnknown_16	**-0.0395**	4.26E-01	**-0.1581**	2.48E-01	**-0.1977**	4.11E-02	**0.1160**	6.21E-02	**-0.1425**	1.36E-01	**-0.5636**	4.84E-03	0.4431	-0.1781
MM_Red19	**-0.1465**	8.28E-03	**-0.1609**	2.96E-01	**-0.3624**	8.88E-04	**-0.1027**	1.35E-01	**-0.3415**	1.44E-03	**0.1577**	6.26E-01	0.0943	-0.1004
MM_Green5	**-0.1478**	4.80E-03	**-0.1674**	2.51E-01	**-0.3376**	1.15E-03	**-0.0783**	2.30E-01	**-0.2274**	2.12E-02	**-0.5208**	2.10E-02	-0.1422	-0.6092
HS_Green16	**-0.0978**	3.93E-02	**-0.1678**	1.88E-01	**-0.0140**	8.82E-01	**-0.1170**	4.85E-02	**-0.1859**	2.69E-02	**-0.2236**	8.19E-02	0.0104	-0.0047
Fibrinogen_Cluster	**-0.0999**	2.94E-02	**-0.1710**	1.35E-01	**-0.1454**	8.03E-02	**-0.1179**	3.66E-02	**-0.1209**	1.32E-01	**-0.2080**	7.48E-02	-0.0047	-0.0195
HS_Green14	**-0.1804**	8.88E-04	**-0.1716**	2.53E-01	**-0.3692**	7.03E-04	**-0.1016**	1.30E-01	**-0.1948**	5.66E-02	**-0.7431**	2.69E-03	-0.1842	-0.3401
HS_Red3	**-0.1272**	1.50E-02	**-0.1754**	2.30E-01	**-0.3078**	3.49E-03	**-0.0718**	2.69E-01	**-0.0933**	3.34E-01	**-0.5147**	2.65E-02	-0.2854	-0.6080
3p21Amplicon	**-0.1071**	4.16E-02	**-0.1768**	2.29E-01	**-0.3919**	1.73E-04	**0.0403**	5.39E-01	**-0.2420**	1.66E-02	**0.0193**	9.20E-01	0.5810	-0.0922
MM_Green7	**-0.1714**	7.67E-04	**-0.1806**	2.01E-01	**-0.2930**	2.71E-03	**-0.1733**	6.74E-03	**-0.4493**	1.16E-05	**0.5255**	2.79E-02	-0.0590	0.0147
MM_Red3	**-0.1872**	3.44E-04	**-0.1813**	2.13E-01	**-0.4346**	8.05E-06	**-0.1268**	5.48E-02	**-0.5213**	2.20E-06	**0.2025**	4.59E-01	0.0009	-0.2006
FOS_JUN_Cluster	**-0.0527**	3.05E-01	**-0.1847**	2.24E-01	**-0.1932**	6.93E-02	**0.0124**	8.42E-01	**0.0303**	7.51E-01	**-0.0021**	9.91E-01	-0.0776	-0.3343
HS_Green19	**-0.1345**	1.71E-03	**-0.1856**	9.27E-02	**-0.1676**	3.42E-02	**-0.1712**	8.66E-04	**-0.1608**	3.22E-02	**-0.1448**	2.50E-01	-0.0704	0.0006
MM_Red7	**-0.2497**	4.86E-06	**-0.1874**	2.04E-01	**-0.6041**	2.70E-07	**-0.0872**	1.81E-01	**-0.4016**	1.81E-04	**-0.7136**	1.58E-02	0.1263	-0.4124
13q14_Amplicon	**0.0225**	6.66E-01	**-0.1891**	1.92E-01	**0.1296**	1.99E-01	**0.0216**	7.43E-01	**-0.0201**	8.40E-01	**0.2790**	1.80E-01	-0.0242	0.0312
MM_Red23	**-0.0670**	1.90E-01	**-0.1966**	1.63E-01	**-0.2626**	7.48E-03	**0.0939**	1.46E-01	**-0.2583**	7.17E-03	**-0.5432**	1.08E-02	0.1871	-0.5159
16.13_Amplicon	**-0.0030**	9.53E-01	**-0.1976**	1.82E-01	**-0.3177**	2.86E-03	**0.1682**	5.49E-03	**-0.0589**	5.49E-01	**0.1494**	3.98E-01	0.5646	0.0090
MUnknown_10	**-0.0748**	1.31E-01	**-0.2058**	1.24E-01	**-0.0797**	4.08E-01	**-0.0230**	7.14E-01	**-0.1544**	8.93E-02	**-0.2903**	5.04E-02	0.1623	-0.0448
Chromogramin	**-0.0581**	3.23E-01	**-0.2066**	3.08E-01	**-0.2863**	5.36E-02	**-0.0258**	7.05E-01	**-0.2259**	9.78E-02	**-0.1570**	5.68E-01	0.1078	-0.0384
MUnknown_4	**0.0231**	6.52E-01	**-0.2099**	1.45E-01	**-0.2490**	1.35E-02	**0.1803**	4.75E-03	**-0.0919**	3.36E-01	**-0.1154**	5.82E-01	0.5251	0.0804
12qMDM4	**0.0274**	6.00E-01	**-0.2208**	1.83E-01	**-0.1627**	1.48E-01	**0.1361**	2.23E-02	**-0.0344**	7.42E-01	**-0.0875**	6.76E-01	0.2661	0.0821
MM_Green12	**-0.1036**	4.15E-02	**-0.2215**	1.15E-01	**-0.2666**	6.59E-03	**-0.0208**	7.44E-01	**-0.2117**	2.54E-02	**0.3038**	1.83E-01	-0.0548	-0.1532
MNOtch4	**-0.1734**	6.68E-04	**-0.2247**	1.11E-01	**-0.3101**	1.66E-03	**-0.1734**	6.77E-03	**-0.3036**	1.47E-03	**-0.4286**	3.78E-02	-0.1995	-0.3033
MUnknown_34	**-0.0323**	5.34E-01	**-0.2286**	1.14E-01	**-0.0631**	5.27E-01	**0.0057**	9.30E-01	**-0.1084**	2.73E-01	**-0.1515**	4.62E-01	0.0494	-0.2006
MClaudin_Cluster	**-0.0426**	4.15E-01	**-0.2319**	7.76E-02	**-0.1645**	8.03E-02	**0.0423**	5.34E-01	**0.0370**	7.22E-01	**0.2388**	4.06E-01	0.3719	-0.1464
MM_Red18	**-0.2087**	5.54E-05	**-0.2399**	9.52E-02	**-0.3094**	1.98E-03	**-0.1972**	2.43E-03	**-0.4899**	1.27E-06	**0.5015**	4.35E-02	0.0625	0.0666
Unknown_6	**-0.1055**	3.06E-02	**-0.2458**	6.28E-02	**-0.1240**	1.91E-01	**-0.0824**	1.79E-01	**-0.1813**	4.06E-02	**-0.2402**	8.21E-02	0.1444	-0.1019
MM_Green23	**-0.0649**	2.17E-01	**-0.2470**	9.16E-02	**-0.0480**	6.35E-01	**-0.0658**	3.20E-01	**-0.2068**	3.38E-02	**0.1060**	6.47E-01	0.1457	0.0029
MRibosomal	**-0.0894**	6.52E-02	**-0.2485**	5.72E-02	**-0.1370**	1.45E-01	**-0.1043**	8.66E-02	**-0.1583**	7.83E-02	**-0.1360**	3.46E-01	0.0293	-0.1324
MUnknown_28	**-0.1395**	6.17E-03	**-0.2496**	7.75E-02	**-0.3376**	6.18E-04	**-0.1603**	1.23E-02	**-0.2790**	2.82E-03	**-0.3658**	5.17E-02	0.1586	-0.0543
MM_Red15	**-0.2026**	1.47E-04	**-0.2574**	8.33E-02	**-0.2743**	8.61E-03	**-0.1379**	3.78E-02	**-0.2805**	4.70E-03	**-0.8026**	2.43E-03	-0.0726	-0.3597
Ribosomal_Cluster	**-0.1263**	7.59E-03	**-0.2590**	3.82E-02	**-0.2192**	1.51E-02	**-0.1332**	2.47E-02	**-0.1978**	2.14E-02	**-0.1661**	2.22E-01	-0.0252	-0.1595
4p16_Amplicon	**-0.0197**	7.07E-01	**-0.2664**	6.72E-02	**-0.3512**	4.61E-04	**0.1785**	5.80E-03	**-0.0570**	5.62E-01	**-0.0933**	6.16E-01	0.3963	-0.1736
HS_Red15	**-0.0305**	5.52E-01	**-0.2677**	8.61E-02	**-0.2409**	2.43E-02	**0.0839**	1.74E-01	**-0.0856**	3.90E-01	**0.0338**	8.52E-01	0.4438	-0.1720
MPYMT_NEU_Cluster	**-0.2366**	9.56E-06	**-0.2806**	5.97E-02	**-0.4364**	2.18E-05	**-0.1634**	1.48E-02	**-0.1646**	9.47E-02	**-0.3352**	1.69E-01	0.2092	-0.2702
MProtocadherin	**-0.1783**	8.28E-04	**-0.2821**	5.74E-02	**-0.2783**	6.62E-03	**-0.1375**	4.04E-02	**-0.2447**	1.61E-02	**-0.5294**	1.57E-02	-0.0061	-0.3270

MM_Green24	**-0.0694**	1.75E-01	**-0.2854**	4.26E-02	**-0.0610**	5.36E-01	**0.0068**	9.16E-01	**-0.0797**	4.21E-01	**-0.2777**	1.36E-01	0.2292	-0.1338
Unknown_4	**-0.1087**	2.76E-02	**-0.2891**	3.15E-02	**-0.1598**	9.53E-02	**-0.0656**	2.90E-01	**-0.1888**	3.66E-02	**-0.2581**	7.21E-02	0.1736	-0.1345
8p22_Amplicon	**-0.1378**	8.92E-03	**-0.2958**	4.64E-02	**-0.1444**	1.56E-01	**-0.0850**	1.98E-01	**-0.3187**	1.79E-03	**-0.3964**	4.38E-02	0.1324	-0.2585
MM_Green18	**-0.1359**	8.73E-03	**-0.2994**	3.82E-02	**-0.5186**	5.30E-07	**0.0321**	6.20E-01	**-0.1451**	1.30E-01	**-0.7006**	7.71E-03	0.0962	-0.5586
HS_Green7	**-0.0815**	1.09E-01	**-0.3166**	2.86E-02	**-0.1823**	6.63E-02	**0.0114**	8.56E-01	**-0.1693**	8.23E-02	**-0.3491**	5.85E-02	0.3707	-0.1420
Oncogenic_BCAT	**-0.0014**	9.79E-01	**-0.3172**	3.24E-02	**-0.1540**	1.25E-01	**0.1412**	2.48E-02	**-0.0614**	5.42E-01	**0.0682**	7.16E-01	0.3108	0.0263
MVEGFC	**-0.1194**	2.41E-02	**-0.3204**	3.28E-02	**-0.3471**	8.61E-04	**-0.0084**	8.98E-01	**-0.0925**	3.50E-01	**-0.4640**	2.82E-02	-0.0938	-0.5623
CD44+PROCR+-vs-CD24+-Upregulated	**-0.1511**	2.57E-03	**-0.3229**	1.91E-02	**-0.3769**	8.24E-05	**-0.0385**	5.41E-01	**-0.2436**	1.28E-02	**-0.1320**	4.41E-01	0.2919	0.1519
Secretoglobin	**-0.1034**	5.25E-02	**-0.3229**	4.37E-02	**-0.5440**	7.20E-06	**-0.0160**	8.06E-01	**0.0057**	9.54E-01	**-0.1980**	4.18E-01	0.3263	-0.3428
Claudin_Low	**-0.0115**	8.26E-01	**-0.3327**	7.17E-03	**-0.3127**	2.69E-04	**0.2658**	3.04E-04	**0.0576**	5.80E-01	**0.4603**	8.95E-02	0.7762	-0.1587
MM_Red17	**-0.1506**	3.82E-03	**-0.3412**	1.93E-02	**-0.3738**	2.33E-04	**-0.0489**	4.51E-01	**-0.2263**	2.29E-02	**0.0199**	9.34E-01	0.0369	-0.0766
TCF	**-0.0583**	2.67E-01	**-0.3434**	2.89E-02	**-0.4151**	2.10E-04	**0.0911**	1.51E-01	**-0.0841**	3.93E-01	**-0.6606**	1.19E-02	0.3886	-0.3159
MM_Red21	**-0.1757**	1.07E-03	**-0.3447**	2.30E-02	**-0.4422**	2.71E-05	**-0.0844**	2.06E-01	**-0.1048**	3.09E-01	**0.5205**	2.27E-02	0.2489	-0.2556
MM_Red8	**-0.1458**	5.46E-03	**-0.3508**	1.69E-02	**-0.1533**	1.30E-01	**-0.1047**	1.13E-01	**-0.2917**	3.65E-03	**-0.1192**	5.94E-01	0.0350	0.0155
AMPH_EPIREGULIN_Cluster	**-0.1821**	1.02E-03	**-0.3634**	2.86E-02	**-0.4212**	4.04E-04	**-0.1409**	3.85E-02	**-0.3198**	3.62E-03	**-0.5427**	3.13E-02	-0.1267	-0.5212
MM_Green10	**-0.2345**	5.89E-06	**-0.3771**	9.65E-03	**-0.4452**	1.70E-05	**-0.1294**	4.36E-02	**-0.3862**	1.25E-04	**-0.3121**	1.65E-01	0.0707	-0.4203
KRAS2	**-0.0203**	6.95E-01	**-0.3831**	8.99E-03	**-0.3642**	3.46E-04	**0.2057**	1.65E-03	**-0.0986**	3.14E-01	**0.0480**	8.13E-01	0.6501	-0.1362
Oncogenic_MYC	**-0.0892**	8.84E-02	**-0.4031**	2.23E-03	**-0.5272**	2.90E-09	**0.2276**	2.09E-03	**-0.0505**	6.20E-01	**-0.4472**	1.38E-02	0.6179	-0.5953
MM_Red2	**-0.1958**	1.91E-04	**-0.4106**	5.59E-03	**-0.4688**	6.65E-06	**-0.0028**	9.65E-01	**-0.3177**	1.55E-03	**-0.5821**	1.29E-02	0.6325	-0.4170
MM_Green3	**-0.2176**	2.87E-05	**-0.4188**	3.71E-03	**-0.6006**	2.57E-09	**-0.0280**	6.71E-01	**-0.5162**	1.05E-06	**-0.0900**	7.22E-01	0.4438	-0.3250
T_Cell	**-0.0185**	7.25E-01	**-0.4212**	3.59E-03	**-0.3811**	1.32E-04	**0.2623**	1.69E-04	**-0.0493**	6.22E-01	**-0.0837**	7.22E-01	0.7131	-0.3575
Oct4_targets	**-0.1395**	6.83E-03	**-0.4488**	9.09E-04	**-0.5194**	3.48E-08	**0.0960**	1.60E-01	**-0.1632**	9.49E-02	**-0.5058**	5.59E-03	0.4543	-0.6658
HS_Green18	**-0.2000**	1.26E-04	**-0.4512**	2.08E-03	**-0.6205**	2.93E-09	**-0.0365**	5.79E-01	**-0.4748**	1.36E-06	**-0.2099**	2.96E-01	0.5414	-0.4146
HS_Red9	**-0.1278**	1.69E-02	**-0.4733**	2.41E-03	**-0.6320**	1.53E-08	**0.1109**	9.61E-02	**-0.2023**	4.64E-02	**0.0469**	8.54E-01	0.7931	-0.2534
E2F1_Repressed_by_Serum	**-0.1681**	2.59E-03	**-0.4771**	4.58E-03	**-0.7359**	3.16E-09	**0.0227**	7.33E-01	**-0.2312**	3.07E-02	**-0.3208**	1.52E-01	0.4098	-0.3229
Bone_Metastasis_Overexpressed	**-0.1871**	4.63E-04	**-0.4907**	8.10E-04	**-0.5762**	9.40E-09	**-0.0257**	7.07E-01	**-0.2640**	1.09E-02	**-0.3283**	2.02E-01	0.4981	-0.4024
HS_Red18	**-0.2781**	2.07E-06	**-0.5039**	5.35E-03	**-0.6278**	3.31E-06	**-0.2315**	1.24E-03	**-0.3372**	2.83E-03	**-0.6219**	1.50E-02	-0.0333	-0.6676
MUnknown_8	**-0.1824**	5.26E-04	**-0.5109**	4.60E-04	**-0.4699**	3.06E-06	**-0.0766**	2.48E-01	**-0.3499**	4.90E-04	**-0.0353**	8.72E-01	0.1539	-0.2394
StemCell_11genes	**-0.2440**	6.37E-06	**-0.5190**	9.11E-04	**-0.6283**	1.28E-08	**-0.1192**	7.49E-02	**-0.3431**	8.59E-04	**-0.5696**	7.04E-03	0.2867	-0.8116
HS_Red19	**-0.1290**	2.04E-02	**-0.5314**	4.09E-03	**-0.6855**	4.86E-07	**0.0996**	1.07E-01	**-0.3405**	2.84E-03	**-0.4125**	1.04E-01	0.6624	-0.2977
MM_DMBA-Wnt	**-0.1045**	5.21E-02	**-0.5322**	3.06E-05	**-0.6126**	1.60E-12	**0.3135**	2.34E-04	**-0.0757**	4.58E-01	**-0.2213**	3.03E-01	0.8258	-0.2302
Immune_Response	**-0.1170**	2.60E-02	**-0.5455**	3.34E-05	**-0.6230**	5.28E-12	**0.2685**	5.96E-04	**-0.1316**	1.87E-01	**-0.3104**	1.23E-01	0.8425	-0.3994
Unknown_9	**-0.0964**	6.58E-02	**-0.5569**	2.67E-04	**-0.5123**	1.11E-06	**0.0895**	1.62E-01	**-0.2547**	1.98E-02	**0.3099**	1.50E-01	0.4173	-0.3334
E2F1_NOT_Repressed_by_Serum	**-0.2882**	1.15E-07	**-0.5571**	3.99E-04	**-0.6160**	3.08E-08	**-0.1898**	4.88E-03	**-0.3012**	3.80E-03	**-0.8460**	2.01E-04	0.2502	-0.8163
HS_Green13	**-0.1554**	2.60E-03	**-0.5633**	1.48E-04	**-0.6040**	7.16E-09	**0.0242**	7.06E-01	**-0.2936**	3.59E-03	**-0.0377**	8.61E-01	0.4498	-0.5162
VEGF_Hypoxia	**-0.3063**	1.81E-08	**-0.5690**	1.83E-04	**-0.7411**	2.49E-12	**-0.1975**	3.93E-03	**-0.3379**	1.28E-03	**-0.7497**	4.69E-04	0.1276	-0.2398
MM_unclassified	**-0.1030**	5.43E-02	**-0.5704**	2.63E-05	**-0.6473**	4.59E-12	**0.2931**	2.08E-04	**-0.1081**	2.84E-01	**-0.2712**	2.10E-01	-0.8632	0.3784
GATA3	**-0.1379**	9.61E-03	**-0.5773**	3.04E-05	**-0.7321**	2.45E-14	**0.2214**	3.49E-03	**-0.1345**	1.96E-01	**-0.4318**	4.45E-02	0.8306	-0.3725
Oncogenic_E2F3	**-0.1445**	6.54E-03	**-0.5818**	1.67E-05	**-0.6818**	1.88E-13	**0.2056**	6.92E-03	**-0.1315**	1.91E-01	**-0.3758**	6.06E-02	0.8702	-0.3990
Sox2_targets	**-0.1919**	1.89E-04	**-0.5826**	1.48E-05	**-0.6940**	1.34E-13	**0.1214**	8.75E-02	**-0.2477**	9.66E-03	**-0.5032**	1.00E-02	0.7512	-0.5954
HS_Red11	**-0.1240**	1.80E-02	**-0.5842**	2.29E-04	**-0.4302**	6.07E-05	**0.0455**	4.77E-01	**-0.1935**	5.21E-02	**-0.4048**	4.40E-02	0.4586	-0.2701
MCF7_Baylor_5	**-0.1299**	1.57E-02	**-0.5846**	2.60E-05	**-0.7188**	7.21E-14	**0.2529**	1.09E-03	**-0.1095**	2.91E-01	**-0.3879**	8.28E-02	0.8924	-0.3321
ES_exp1	**-0.1941**	1.65E-04	**-0.5855**	1.61E-05	**-0.6689**	1.77E-12	**0.0758**	2.74E-01	**-0.2473**	1.05E-02	**-0.5490**	5.28E-03	0.6188	-0.7103
MCF7_Baylor_3	**-0.1321**	1.38E-02	**-0.5863**	1.97E-05	**-0.7052**	9.05E-14	**0.2497**	1.22E-03	**-0.0840**	4.16E-01	**-0.4097**	6.13E-02	0.8861	-0.3592
ESC_MOUSE_Adult	**-0.1472**	4.53E-03	**-0.5866**	1.53E-05	**-0.6966**	1.28E-13	**0.1861**	9.84E-03	**-0.1452**	1.41E-01	**-0.3231**	9.89E-02	0.8514	-0.4218
GRANS	**-0.1351**	9.59E-03	**-0.5870**	4.86E-05	**-0.6473**	1.21E-10	**0.1498**	2.83E-02	**-0.1699**	9.09E-02	**-0.2819**	1.82E-01	0.7940	-0.4610
SMC_Serum_Response	**-0.1842**	4.68E-04	**-0.5880**	1.95E-05	**-0.7568**	2.00E-15	**0.1601**	2.94E-02	**-0.2615**	8.85E-03	**-0.4277**	3.76E-02	0.8399	-0.3771
Myc_targets1	**-0.1615**	2.07E-03	**-0.5923**	2.50E-05	**-0.7511**	2.76E-14	**0.1426**	4.41E-02	**-0.2142**	3.36E-02	**-0.4956**	1.51E-02	0.7289	-0.5858
HS_Green8	**-0.1594**	2.25E-03	**-0.5956**	8.73E-06	**-0.7211**	9.77E-15	**0.2070**	6.41E-03	**-0.1350**	1.76E-01	**-0.3901**	6.97E-02	0.8715	-0.4688

Oncogenic_RAS	**-0.1695**	1.09E-03	**-0.5983**	6.27E-06	**-0.7043**	1.50E-14	**0.1826**	1.41E-02	**-0.1735**	7.82E-02	**-0.2853**	1.77E-01	0.8438	-0.3465
HS_Green1	**-0.1652**	1.31E-03	**-0.5991**	1.42E-05	**-0.6645**	6.55E-12	**0.1465**	3.57E-02	**-0.2141**	2.64E-02	**-0.4872**	1.77E-02	0.7460	-0.5438
Nanog_targets	**-0.2060**	5.30E-05	**-0.6028**	1.00E-05	**-0.6951**	4.17E-13	**0.0637**	3.48E-01	**-0.2551**	8.15E-03	**-0.5728**	2.91E-03	0.6454	-0.7032
MM_BRCA-Wnt	**-0.1415**	7.49E-03	**-0.6098**	8.37E-06	**-0.6987**	1.82E-13	**0.2388**	1.79E-03	**-0.1987**	4.53E-02	**-0.3855**	6.65E-02	0.8729	-0.3880
HS_Red2	**-0.1665**	1.47E-03	**-0.6111**	7.22E-05	**-0.5826**	4.55E-08	**0.0757**	2.46E-01	**-0.2627**	8.88E-03	**-0.5479**	1.22E-02	0.7493	-0.3906
Surgical_Manipulation	**-0.1473**	5.28E-03	**-0.6146**	1.71E-05	**-0.7607**	1.98E-14	**0.1366**	5.12E-02	**-0.1623**	1.22E-01	**-0.2636**	2.26E-01	0.8544	-0.2950
LUMINAL_Cluster	**-0.1456**	5.63E-03	**-0.6167**	2.30E-05	**-0.6604**	7.02E-11	**0.1400**	4.29E-02	**-0.2203**	3.02E-02	**-0.4095**	4.43E-02	0.7935	-0.3973
Genomic_Grade	**-0.2662**	6.43E-07	**-0.6260**	8.09E-05	**-0.7288**	2.11E-10	**-0.0902**	1.70E-01	**-0.3024**	3.05E-03	**-0.6699**	3.28E-03	0.4269	-0.8412
HS_Green25	**-0.1428**	8.25E-03	**-0.6269**	8.61E-06	**-0.8168**	1.11E-16	**0.2424**	1.76E-03	**-0.0879**	4.17E-01	**-0.4274**	7.23E-02	0.8627	-0.4227
MM_NeuPyMT	**-0.1608**	2.37E-03	**-0.6300**	4.84E-06	**-0.7345**	1.71E-14	**0.2119**	5.34E-03	**-0.1893**	5.84E-02	**-0.3481**	1.07E-01	0.8954	-0.3705
WNT_Fibroblast	**-0.2280**	1.16E-05	**-0.6309**	7.91E-06	**-0.7135**	4.91E-13	**0.0161**	8.11E-01	**-0.2628**	6.51E-03	**-0.5839**	1.67E-03	0.5390	-0.7006
Suz12_targets	**-0.1705**	1.19E-03	**-0.6509**	2.84E-06	**-0.7628**	5.11E-15	**0.1718**	1.97E-02	**-0.2146**	2.82E-02	**-0.4325**	3.58E-02	0.8162	-0.4333
Myc_targets2	**-0.2347**	5.44E-06	**-0.6560**	5.05E-06	**-0.7260**	7.52E-13	**0.0117**	8.61E-01	**-0.3245**	9.37E-04	**-0.5157**	8.37E-03	0.6515	-0.7089
Stromal_Predict_Outcome	**-0.1932**	2.50E-04	**-0.6571**	3.25E-06	**-0.8187**	1.11E-16	**0.1278**	7.43E-02	**-0.2032**	4.50E-02	**-0.5255**	1.16E-02	0.7097	-0.5338
Estrogen_Reg	**-0.2066**	1.07E-04	**-0.6839**	1.16E-05	**-0.8642**	2.54E-14	**0.0796**	2.41E-01	**-0.3577**	4.35E-04	**-0.5104**	1.62E-02	0.7323	-0.4509
SDDP	**-0.2507**	1.89E-06	**-0.6976**	1.72E-06	**-0.8801**	0.00E+00	**-0.0038**	9.55E-01	**-0.1998**	4.61E-02	**-0.7199**	3.80E-04	0.4731	-0.5370
IGF	**-0.2389**	3.88E-06	**-0.7050**	1.08E-06	**-0.8244**	1.22E-15	**0.0418**	5.38E-01	**-0.3166**	1.27E-03	**-0.6046**	2.56E-03	0.6987	-0.6374
MCF7_Baylor_4	**-0.2104**	8.94E-05	**-0.7050**	1.31E-05	**-0.8556**	3.00E-13	**0.0466**	4.88E-01	**-0.4164**	6.16E-05	**-0.4937**	1.97E-02	0.7130	-0.4505
MCF7_Baylor_1	**-0.2132**	5.28E-05	**-0.7196**	1.37E-06	**-0.8346**	3.55E-15	**0.0719**	2.98E-01	**-0.3533**	3.93E-04	**-0.4864**	1.64E-02	0.7475	-0.5197
Response predictor MDACC	**-0.2048**	2.19E-04	**-0.7562**	4.41E-06	**-0.9425**	3.33E-15	**0.0877**	2.11E-01	**-0.3476**	1.23E-03	**-0.4818**	5.55E-02	0.6529	-0.5229