

Supplemental **Table 3A.** Top 25 Probe Sets Significantly Associated With Overall Survival After Surgery

Probe Set ID	Survival Association	P value	Gene	Gene Symbol
203623_at	Unfavorable	7.8E-09	likely ortholog of mouse plexin 3	PLXNA3
221249_s_at	Favorable	6.2E-08	C/EBP-induced protein	LOC81558
208711_s_at	Unfavorable	1.8E-07	cyclin D1 (PRAD1: parathyroid adenomatosis 1)	CCND1
201998_at	Favorable	4.4E-07	sialyltransferase 1	SIAT1
203854_at	Favorable	5.3E-07	I factor (complement)	IF
217755_at	Unfavorable	6.4E-07	hematological and neurological expressed 1	HN1
208712_at	Unfavorable	8.7E-07	cyclin D1 (PRAD1: parathyroid adenomatosis 1)	CCND1
208613_s_at	Unfavorable	1.0E-06	filamin B, beta (actin binding protein 278)	FLNB
209651_at	Unfavorable	1.5E-06	transforming growth factor beta 1 induced transcript 1	TGFB1I1
205945_at	Favorable	1.5E-06	interleukin 6 receptor	IL6R
208651_x_at	Unfavorable	1.6E-06	CD24 antigen	CD24
221591_s_at	Unfavorable	1.6E-06	hypothetical protein FLJ10156	FLJ10156
222031_at	Unfavorable	1.8E-06	hypothetical protein LOC286434	LOC286434
207761_s_at	Favorable	2.0E-06	DKFZP586A0522 protein	DKFZP586A0522
202570_s_at	Unfavorable	2.0E-06	disks large-associated protein 4	DLGAP4
202154_x_at	Unfavorable	2.4E-06	tubulin, beta, 4	TUBB4
209612_s_at	Favorable	2.5E-06	alcohol dehydrogenase IB (class I), beta polypeptide	ADH1B
204641_at	Unfavorable	2.7E-06	NIMA (never in mitosis gene a)-related kinase 2	NEK2
201896_s_at	Unfavorable	2.8E-06	proline/serine-rich coiled-coil 1	PSRC1
203325_s_at	Unfavorable	2.9E-06	collagen, type V, alpha 1	COL5A1
203438_at	Unfavorable	3.0E-06	stanniocalcin 2	STC2
205366_s_at	Unfavorable	3.1E-06	homeo box B6	HOXB6
214906_x_at	Favorable	3.2E-06	hypothetical gene CG018	CG018
208470_s_at	Favorable	3.4E-06	haptoglobin-related protein	HPR
213288_at	Unfavorable	3.5E-06	O-acyltransferase domain containing 2	OACT2

Supplemental **Table 4A.** Top 25 Probe Sets Significantly Associated With Overall Survival After Surgery in Epithelioid Mesotheliomas Only

Probe Set ID	Survival Association	P value	Gene	Gene Symbol
203623_at	Unfavorable	3.0E-06	likely ortholog of mouse plexin 3	PLXNA3
221249_s_at	Favorable	7.1E-06	C/EBP-induced protein	LOC81558
201989_s_at	Favorable	1.9E-05	cAMP responsive element binding protein-like 2	CREBL2
212640_at	Unfavorable	2.7E-05	protein tyrosine phosphatase-like, member b	PTPLB
214906_x_at	Favorable	3.3E-05	hypothetical gene CG018	CG018
209612_s_at	Favorable	4.0E-05	alcohol dehydrogenase IB (class I), beta polypeptide	ADH1B
204641_at	Unfavorable	4.4E-05	NIMA (never in mitosis gene a)-related kinase 2	NEK2
205945_at	Favorable	4.4E-05	interleukin 6 receptor	IL6R
213107_at	Unfavorable	5.2E-05	Traf2 and NCK interacting kinase	TNIK
204620_s_at	Unfavorable	5.3E-05	chondroitin sulfate proteoglycan 2 (versican)	CSPG2
217820_s_at	Unfavorable	6.0E-05	enabled homolog (Drosophila)	ENAH
202154_x_at	Unfavorable	6.9E-05	tubulin, beta, 4	TUBB4
201226_at	Favorable	7.5E-05	NADH dehydrogenase (ubiquinone) 1 beta subcomplex, 8	NDUFB8
216251_s_at	Unfavorable	7.5E-05	KIAA0153 protein	KIAA0153
203143_s_at	Favorable	7.7E-05	KIAA0040 gene product	KIAA0040
221731_x_at	Unfavorable	8.2E-05	chondroitin sulfate proteoglycan 2 (versican)	CSPG2
213264_at	Favorable	8.5E-05	mitogen-activated protein kinase kinase kinase 12	MAP3K12
217310_s_at	Unfavorable	9.2E-05	forkhead box J3	FOXJ3
208651_x_at	Unfavorable	9.3E-05	CD24 antigen	CD24
203281_s_at	Favorable	9.7E-05	ubiquitin-activating enzyme E1-like	UBE1L
202345_s_at	Favorable	9.8E-05	fatty acid binding protein 5 (psoriasis-associated)	FABP5
203325_s_at	Unfavorable	1.0E-04	collagen, type V, alpha 1	COL5A1
205899_at	Unfavorable	1.0E-04	cyclin A1	CCNA1
204187_at	Favorable	1.0E-04	guanosine monophosphate reductase	GMPR
214030_at	Favorable	1.1E-04	hypothetical protein DKFZp667G2110	DKFZp667G2110

Supplemental **Table 5A.** Top 25 Probe Sets Differentially Expressed Between Short-term (< 1 year) and Long-term (>1 year) Survivors

Probe Set ID	Higher Group	Fold Change	P value	Gene	Gene Symbol
217755_at	short-term	1.7	1.44E-06	hematological and neurological expressed 1	HN1
206391_at	long-term	2.8	3.14E-06	retinoic acid receptor responder (tazarotene induced) 1	RARRES1
201998_at	long-term	1.7	3.16E-06	sialyltransferase 1	SIAT1
204092_s_at	short-term	1.4	3.19E-06	serine/threonine kinase 6	STK6
203854_at	long-term	2.6	3.45E-06	I factor (complement)	IF
201425_at	long-term	1.6	4.03E-06	aldehyde dehydrogenase 2 family (mitochondrial)	ALDH2
206392_s_at	long-term	3.1	4.89E-06	retinoic acid receptor responder (tazarotene induced) 1	RARRES1
204033_at	short-term	1.5	5.94E-06	thyroid hormone receptor interactor 13	TRIP13
221591_s_at	short-term	1.3	1.30E-05	hypothetical protein FLJ10156	FLJ10156
206697_s_at	long-term	3.6	1.58E-05	haptoglobin	HP
208613_s_at	short-term	1.6	2.02E-05	filamin B, beta (actin binding protein 278)	FLNB
201236_s_at	long-term	1.5	2.09E-05	BTG family, member 2	BTG2
202094_at	short-term	1.3	2.31E-05	baculoviral IAP repeat-containing 5 (survivin)	BIRC5
218355_at	short-term	1.5	2.32E-05	kinesin family member 4A	KIF4A
203623_at	short-term	1.3	2.65E-05	likely ortholog of mouse plexin 3	PLXNA3
213288_at	short-term	1.3	2.67E-05	O-acyltransferase domain containing 2	OACT2
208470_s_at	long-term	3.8	2.72E-05	haptoglobin-related protein	HPR
218586_at	short-term	1.3	2.77E-05	chromosome 20 open reading frame 20	C20orf20
208079_s_at	short-term	1.6	2.78E-05	serine/threonine kinase 6	STK6
204825_at	short-term	1.6	2.86E-05	maternal embryonic leucine zipper kinase	MELK
208002_s_at	short-term	1.6	2.94E-05	brain acyl-CoA hydrolase	BACH
205167_s_at	short-term	1.2	2.97E-05	cell division cycle 25C	CDC25C
219490_s_at	short-term	1.2	3.11E-05	DNA cross-link repair 1B	DCLRE1B
204621_s_at	long-term	2.0	3.17E-05	nuclear receptor subfamily 4, group A, member 2	NR4A2
221872_at	long-term	2.7	3.25E-05	retinoic acid receptor responder (tazarotene induced) 1	RARRES1

Supplemental **Table 6A.** Top 25 Probe Sets Differentially Expressed Between 25 Shortest and 25 Longest Survivors (n=50)

Probe set	Higher group	Fold change	P value	Gene	Gene Symbol
208614_s_at	worst25	2.4	7.1E-08	filamin B, beta (actin-binding protein-278)	FLNB
208613_s_at	worst25	2.2	1.5E-07	filamin B, beta (actin-binding protein-278)	FLNB
221249_s_at	best25	1.9	5.9E-07	CEBP-induced protein (LOC81558)	LOC81558
209094_at	worst25	2.3	1.1E-06	dimethylarginine dimethylaminohydrolase 1	DDAH1
208712_at	worst25	2.4	1.1E-06	cyclin D1	CCND1
206697_s_at	best25	7.3	1.6E-06	haptoglobin	HP
220137_at	worst25	1.2	1.8E-06	hypothetical protein FLJ20674	FLJ20674
208470_s_at	best25	8.6	2.0E-06	haptoglobin-related protein	HPR
208711_s_at	worst25	2.1	3.0E-06	cyclin D1	CCND1
209651_at	worst25	2.7	4.4E-06	TGF beta 1 induced transcript 1	TGFB1I1
219572_at	best25	1.8	4.4E-06	Ca2+-dependent activator protein for secretion 2	CADPS2
201998_at	best25	2.1	4.5E-06	sialyltransferase 1	SIAT1
215446_s_at	worst25	2.6	7.6E-06	lysyl oxidase	LOX
204298_s_at	worst25	3.0	8.0E-06	lysyl oxidase	LOX
203623_at	worst25	1.5	8.6E-06	likely ortholog of mouse plexin 3	PLXNA3
218586_at	worst25	1.3	9.0E-06	hypothetical protein FLJ10914	C20orf20
205167_s_at	worst25	1.3	1.0E-05	cell division cycle 25C	CDC25C
209395_at	best25	3.9	1.5E-05	chitinase 3-like 1	CHI3L1
203854_at	best25	3.6	1.5E-05	I factor (complement)	IF
208002_s_at	worst25	2.1	1.5E-05	cytosolic acyl coenzyme A thioester hydrolase	BACH
206391_at	best25	3.8	1.5E-05	retinoic acid receptor responder (tazarotene induced) 1	RARRES1
202570_s_at	worst25	1.4	1.6E-05	discs, large (Drosophila) homolog-associated protein 4	DLGAP4
217755_at	worst25	2.1	1.7E-05	hematological and neurological expressed 1	HN1
201896_s_at	worst25	1.4	1.7E-05	proline/serine-rich coiled-coil 1	PSRC1
209286_at	worst25	1.9	1.7E-05	Cdc42 effector protein 3	CDC42EP3