

## Supplementary Table 1 - Transcripts Altered by NPM siRNA

<u>Gene Name</u>	<u>Accession Number</u>	<u>Function</u>	<u>Normalized Expression Values</u>		
			<u>si con</u>	<u>si#1</u>	<u>si#2</u>
ABCA5	NM_018672	unknown	0.28	0.47	0.43
ADAM2	H300001299	Extracellular Matrix Architecture	0.50	0.95	1.02
ANK3	NM_020987	Membrane Adaptor	0.28	0.48	0.43
CD27	NM_001242	TNF Receptor	1.18	0.71	0.73
CPS1	NM_001875	Carbamoyl Phosphate Synthesis	0.04	0.13	0.06
CXADR	NM_001338	Cell-Cell Adhesion	0.40	0.68	0.62
FAM8A1	NM_016255	unknown	0.37	0.72	0.68
FEM1B	NM_015322	unknown	0.25	0.39	0.41
GALNT1	NM_020474	Protein Glycosylation	0.39	0.75	0.60
GRB10	NM_005311	Growth Factor Signaling	2.61	1.67	1.73
H200014313	AL035494	unknown	0.14	0.25	0.22
Histone H2B	NM_003528	Core Histone	0.49	0.76	0.77
hMOB1	AK027043	Cytokinesis	0.77	1.47	1.23
HSPC159	NM_014181	unknown	2.34	1.21	1.22
IGJ	NM_144646	Immunoglobulin J	0.04	0.09	0.08
KIAA1196	AL834525	unknown	0.54	1.04	0.90
KLHDC5	AB037761	unknown	0.87	1.33	1.47
LEF1	NM_016269	Transcriptional Regulation, Growth Factor and Wnt Signaling	0.15	0.26	0.27
LINE1	AF003535	LINE1 element	0.33	0.55	0.51
LINE1	AF003535	LINE1 element	0.29	0.48	0.43
LINE1	AF003535	LINE1 element	0.40	0.65	0.66
LINE1	AF149422	LINE1 element	0.31	0.55	0.48
LINE1	M22333	LINE1 element	0.35	0.60	0.58
LINE1	M22333	LINE1 element	0.27	0.46	0.42
LINE1	M22333	LINE1 element	0.42	0.79	0.67
LINE1	M22333	LINE1 element	0.28	0.51	0.45
LINE1	M22333	LINE1 element	0.36	0.64	0.55
LINE1	M80340	LINE1 element	0.29	0.47	0.50
LINE1	M80343	LINE1 element	0.32	0.54	0.53
LINE1	M80343	LINE1 element	0.32	0.54	0.50
LINE1	M80343	LINE1 element	0.32	0.52	0.49
LINE1	M80343	LINE1 element	0.32	0.53	0.53
LINE1	M80343	LINE1 element	0.30	0.50	0.51
LINE1	M80343	LINE1 element	0.36	0.66	0.56
LINE1	M80343	LINE1 element	0.31	0.56	0.54
LINE1	M80343	LINE1 element	0.34	0.53	0.55
LINE1	M80343	LINE1 element	0.32	0.49	0.53
LINE1	M80343	LINE1 element	0.33	0.53	0.53
LINE1	M80343	LINE1 element	0.34	0.54	0.54
LINE1	M80343	LINE1 element	0.36	0.55	0.55
LINE1	M80343	LINE1 element	0.35	0.54	0.55
LINE1	M80343	LINE1 element	0.33	0.51	0.51
LINE1	M80343	LINE1 element	0.35	0.56	0.56
LINE1	M80343	LINE1 element	0.33	0.53	0.51
LINE1	U93563	LINE1 element	0.38	0.66	0.57
LINE1	U93568	LINE1 element	0.33	0.54	0.53
LINE1	U93569	LINE1 element	0.31	0.51	0.47
LINE1	U93574	LINE1 element	0.41	0.70	0.63
LINE1	U93574	LINE1 element	0.35	0.57	0.55
LINE1	U93574	LINE1 element	0.35	0.58	0.56

LINE1	X03717	LINE1 element	0.35	0.62	0.61
L-plastin	NM_002298	Actin Organization	0.17	0.27	0.27
Lumican	NM_002345	ECM Architecture	0.05	0.09	0.08
MASTL	NM_032844	unknown	0.70	1.14	1.13
MRPL36	NM_032479	mt ribosomal protein	0.88	1.42	1.47
NAG13	AF194537	unknown	0.22	0.51	0.44
NARF	NM_015271	unknown	0.33	0.61	0.49
Nesprin 2	NM_015180	Cell-Matrix Adhesion, Nuclear Envelope Scaffold	0.59	1.13	0.94
NPM1	NM_002520	Multifunctional Protein	1.49	0.60	0.75
NRG1	NM_013957	Growth Factor Signaling	3.29	1.68	2.19
NRG1	NM_013959	Growth Factor Signaling	2.48	1.48	1.60
OR10K1	AB065641	Olfactory Receptor	0.45	0.88	1.04
PAI-1	NM_000602	ECM Architecture	1.09	0.69	0.70
PINCH	NM_004987	Cell Adhesion Signaling	1.60	0.98	0.98
RhAG	NM_000324	RBC Sodium Transport	0.06	0.16	0.09
RHD	H300006818	RBC Membrane Structure	0.00	0.83	0.91
SCHIP1	NM_014575	Growth Factor Signaling	2.61	1.68	1.70
SET	NM_003011	Transcriptional Repression, Protein Phosphatase 2A Inhibition	0.60	0.91	0.98
SET8	NM_020382	Transcriptional Repressor	1.44	0.74	0.83
Sip1	NM_014795	Transcriptional Regulation,	0.51	1.02	1.00
SLC7A5	NM_003486	Amino Acid Transport Growth Factor Signaling	0.74	0.48	0.49
SURF4	NM_033161	unknown	0.97	1.49	1.49
ZDHHC3	NM_016598	unknown	2.82	1.72	1.70
ZNF167	NM_018651	unknown	0.80	1.27	1.32
ZNF83	NM_018300	unknown	0.24	0.57	0.44
	H300001887	unknown	1.89	1.09	1.08
	FLJ32838	unknown	2.09	1.23	1.09
	H300005705	unknown	1.51	0.62	0.94
	H300007542	unknown	1.51	0.80	0.92
	H300000039	unknown	0.68	1.11	1.32
	H300009207	unknown	0.65	1.05	1.07