

Supplementary Tables.

Supplementary Table S1. List of short hairpin RNA (shRNA) clones.

Clone ID (from GPP Web Portal)	Clone category	Target Sequence	Vector backbone	Original Target Gene ID	Original Target Gene Symbol	Match Regions
TRCN0000017078	TRC 1.0	CCGAGCTATGAGATATTACTA	pLKO.1	26298	EHF	CDS
TRCN0000013856	TRC 1.0	CCTGCCGTAATTGTGGAACAT	pLKO.1	1997	ELF1	5UTR, CDS
TRCN0000273855	TRC 2.0	GTCTCCTGAGTTAGGTATAAA	pLKO_TRC005	1998	ELF2	CDS
TRCN0000013863	TRC 1.0	CTCCCTAATTTATGTGCTATA	pLKO.1	1999	ELF3	3UTR
TRCN0000013869	TRC 1.0	CGCGGAAGTCTTACTCAATAT	pLKO.1	2000	ELF4	CDS
TRCN0000007450	TRC 1.0	CCCAAGAGTAACTCTCATTAT	pLKO.1	2002	ELK1	3UTR
TRCN0000329766	TRC 2.0	ACTCGTCCTTCACCATTAATT	pLKO_TRC005	2004	ELK3	CDS
TRCN0000013886	TRC 1.0	GCTTCTCTTACACAGCATTT	pLKO.1	2005	ELK4	3UTR, CDS
TRCN0000013909	TRC 1.0	CCTGCGCTATTACTATAACAA	pLKO.1	2077	ERF	CDS
TRCN0000013914	TRC 1.0	GCTCATATCAAGGAAGCCTTA	pLKO.1	2078	ERG	CDS
TRCN0000005591	TRC 1.0	CTGGAATTACTCAC TGATAAA	pLKO.1	2113	ETS1	CDS
TRCN0000233984	TRC 2.0	GAGCAAGGCAAAC CAGTTATT	pLKO_TRC005	23872	Ets2	CDS
TRCN0000013918	TRC 1.0	GCCGACTAAGAGAGATTGTAA	pLKO.1	2114	ETS2	3UTR
TRCN0000013923	TRC 1.0	GTGGGAGTAATCTAAACATTT	pLKO.1	2115	ETV1	3UTR
TRCN0000013928	TRC 1.0	CCTCTTGACTTTCC TGGTTAT	pLKO.1	2117	ETV3	3UTR
TRCN0000013934	TRC 1.0	GCAGAGCTTTAAGCAAGAATA	pLKO.1	2118	ETV4	CDS
TRCN0000273931	TRC 2.0	GAGCGATACGTCTACAAATTT	pLKO_TRC005	2119	ETV5	CDS
TRCN0000003852	TRC 1.0	AGGAGCTGGATGACAAATAT	pLKO.1	2120	ETV6	CDS
TRCN0000016743	TRC 1.0	CCAGATGTGAAGCTCAAATTA	pLKO.1	51513	ETV7	5UTR, CDS
TRCN0000005323	TRC 1.0	CCCATGAACTACAACAGCTAT	pLKO.1	2313	FLI1	CDS
TRCN0000304469	TRC 2.0	AGCTTAGTGTACAGGTAATTT	pLKO_TRC005	14390	Gabpa	CDS
TRCN0000304508	TRC 2.0	ATGAACCAATAGGCAATTTAA	pLKO_TRC005	14390	Gabpa	CDS

Abbreviations: GPP= Genetic Perturbation Platform; CDS= coding DNA sequence; UTR= untranslated region

Supplementary Table S2. List of primers used for quantitative PCR.

qPCR Primer List 5' -> 3'		
Target Gene	Forward	Reverse
<i>ETS1</i>	TACACAGGCAGTGGACCATC	CCCCGCTGTCCTGTGGATG
<i>ETS2</i>	CCCCTGTGGCTAACAGTTACA	AGGTAGCTTTTAAGGCTTGACTC
<i>ELF3</i>	CAACTATGGGGCCAAAAGAA	CAACCCTCAGTTCGACTCT
<i>ELF1</i>	TGTCCAACAGAACGACCTAGT	GGCAGGAAAAATAGCTGGATCAC
<i>ELF2</i>	AAACTGTAGTGGAGGTGTCAACT	CATGGCTATCTGGTGATGTTGG
<i>ETV7</i>	TCAGTGCTCCTTGATACCC	GCCCCGGTTCCTTCTTAAT
<i>ELF4</i>	CCTGATCTTTGAGTTCGCAAGC	AGTCCCGAGTACAGATGCAGT
<i>ETV1</i>	GGCCCCAGGCAGTTTTATGAT	GATCCTCGCCGTGGTATGT
<i>ETV3</i>	GGTGGAGGGTATCAGTTTCCT	TGATGAATGGGTAGTTGGGCAT
<i>ETV4</i>	CAGTGCCTTTACTCCAGTGCC	CTCAGGAAATTCCGTTGCTCT
<i>ELK1</i>	TCCCTGCTTCCTACGCATACA	GCTGCCACTGGATGGAAACT
<i>ETV5</i>	CAGTCAACTTCAAGAGGCTTGG	TGCTCATGGCTACAAGACGAC
<i>ETV6</i>	CCCATTGGGAGAATAGCAGA	CAGGGCTCTGGACATTTTCT
<i>ERF</i>	ATTCATTGATGTGGGGTTGG	AGATGAAGAGCAGGCTGGTG
<i>EHF</i>	CCACCAGTCACCTTCCTGTT	GAGCCACTGCCTCTGATTTC
<i>ELK3</i>	ATCTGCTGGACCTCGAACGA	TTCTGCCCCGATCACCTTCTTG
<i>ELK4</i>	ACTCAGCCGAGCCCTCAG	GGTGGCTTTTTGGAAGGTG
<i>GABPA</i>	AAGAACGCCTTGGGATACCCT	GTGAGGTCTATATCGGTCATGCT
<i>ERG</i>	TGGCTCAAGGAACTCTCCTG	ATAACTCTGCGCTCGTTCGT
<i>FLI1</i>	ATGACCACCAACGAGAGGAG	GTTCTTGCCATCCATGTTC
<i>ACTB</i>	CTCTTCCAGCCTTCCTTCCT	AGCACTGTGTTGGCGTACAG