

Supplementary Data

Tumor size measurements

Raw tumor volume in cubic mm

Round 1

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
1	30	siESE	113.0	334.9	508.7
4	37	siSCR	78.5	423.9	904.3
15	59	siESE no MB	78.5	628.0	680.3
16	61	siMYC no MB	52.3	65.4	94.2

Round 2

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
3	34	siMYC	65.4	230.8	593.5
4	36	siSCR	179.5	423.9	759.9
5	38	siESE	267.9	423.9	628.0
5	39	siESE no MB	381.5	575.7	680.3
7	42	siESE	113.0	267.9	628.0
7	43	siESE no MB	113.0	179.5	301.4
10	49	siMYC	205.1	301.4	823.2
11	51	siMYC	65.4	65.4	113.0
12	53	siESE	65.4	179.5	301.4
13	54	siSCR	381.5	575.7	886.5
15	58	siESE	381.5	575.7	886.5
17	62	siESE no MB	150.7	301.4	334.9
17	63	siESE	113.0	267.9	334.9
18	65	siESE	65.4	301.4	466.3
19	66	siMYC	267.9	628.0	949.9
19	67	siMYC no MB	267.9	823.2	1326.7

Round 3

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
1	31	siESE NMB	179.5	368.4	680.3
6	40	siESE	301.4	628.0	696.6
6	41	siESE	33.5	113.0	205.1
9	46	siESE	334.9	680.3	949.9
10	48	siMYC no MB	78.5	230.8	575.7
11	50	siMYC no MB	113.0	301.4	575.7

16	60	siMYC	131.9	423.9	680.3
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Round 4

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
2	3	siESE	179.5	508.7	823.2
4	7	siSCR	131.9	508.7	1648.5
5	9	siSCR	131.9	301.4	508.7
9	16	siMYC	1230.9	1130.4	2001.8
9	18	siMYC	823.2	949.9	1205.8
10	19	siESE	334.9	593.5	1130.4
10	20	siESE	65.4	150.7	334.9
12	24	siESE	256.4	435.4	680.3
13	25	siESE	575.7	1205.8	2119.5
13	26	siESE	78.5	179.5	205.1
14	27	siESE	131.9	301.4	575.7

Round 5

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
5	10	siSCR	65.4	334.9	680.3
7	13	siESE	575.7	551.1	949.9
7	14	siMYC	823.2	886.5	1013.2
8	15	siESE	423.9	1436.0	1326.7
11	21	siMYC	628.0	1415.1	2051.5
12	23	siESE	381.5	732.7	1538.6
14	28	siESE no MB	301.4	823.2	1281.1
15	29	siSCR	131.9	301.4	628.0
16	30	siESE no MB	267.9	508.7	949.9

Round 6

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
1	70	siESE no MB	78.5	334.9	628.0
1	71	siESE no MB	150.7	267.9	575.7
2	73	siESE no MB	113.0	628.0	949.9
3	74	siSCR	131.9	150.7	575.7
3	75	siSCR (outlier/omit)	78.5	91.6	113.0
4	76	siESE no MB	131.9	466.3	949.9
5	78	siESE no MB	113.0	628.0	732.7
8	84	siSCR	205.1	523.3	823.2

8	85	siSCR	78.5	267.9	466.3
9	87	siSCR	78.5	91.6	179.5
11	90	siSCR	131.9	575.7	680.3
11	91	siSCR	150.7	466.3	886.5
12	93	siESE no MB	41.9	113.0	113.0

Normalized tumor growth (final volume/initial measured volume)

Round 1

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
1	30	siESE	1	3.0	4.5
4	37	siSCR	1	5.4	11.5
15	59	siESE no MB	1	8.0	8.7
16	61	siMYC no MB	1	1.3	1.8

Round 2

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
3	34	siMYC	1.0	3.5	9.1
4	36	siSCR	1.0	2.4	4.2
5	38	siESE	1.0	1.6	2.3
5	39	siESE no MB	1.0	1.5	1.8
7	42	siESE	1.0	2.4	5.6
7	43	siESE no MB	1.0	1.6	2.7
10	49	siMYC	1.0	1.5	4.0
11	51	siMYC	1.0	1.0	1.7
12	53	siESE	1.0	2.7	4.6
13	54	siSCR	1.0	1.5	2.3
15	58	siESE	1.0	1.5	2.3
17	62	siESE no MB	1.0	2.0	2.2
17	63	siESE	1.0	2.4	3.0
18	65	siESE	1.0	4.6	7.1
19	66	siMYC	1.0	2.3	3.5
19	67	siMYC no MB	1.0	3.1	5.0

Round 3

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
1	31	siESE NMB	1	2.1	3.8
6	40	siESE	1	2.1	2.3
6	41	siESE	1	3.4	6.1
9	46	siESE	1	2.0	2.8
10	48	siMYC no MB	1	2.9	7.3
11	50	siMYC no MB	1	2.7	5.1
16	60	siMYC	1	3.2	5.2

Round 4

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
2	3	siESE	1.0	2.8	4.6
4	7	siSCR	1.0	3.9	12.5
5	9	siSCR	1.0	2.3	3.9
9	16	siMYC	1.0	0.9	1.6
9	18	siMYC	1.0	1.2	1.5
10	19	siESE	1.0	1.8	3.4
10	20	siESE	1.0	2.3	5.1
12	24	siESE	1.0	1.7	2.7
13	25	siESE	1.0	2.1	3.7
13	26	siESE	1.0	2.3	2.6
14	27	siESE	1.0	2.3	4.4

Round 5

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
5	10	siSCR	1.0	5.1	10.4
7	13	siESE	1.0	1.0	1.7
7	14	siMYC	1.0	1.1	1.2
8	15	siESE	1.0	3.4	3.1
11	21	siMYC	1.0	2.3	3.3
12	23	siESE	1.0	1.9	4.0
14	28	siESE no MB	1.0	2.7	4.3
15	29	siSCR	1.0	2.3	4.8
16	30	siESE no MB	1.0	1.9	3.5

Round 6

MOUSE #	TUMOR#	siRNA	WEEK 0	WEEK 1	WEEK 2
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1	70	siESE no MB	1.0	4.3	8.0
1	71	siESE no MB	1.0	1.8	3.8
2	73	siESE nMB	1.0	5.6	8.4
3	74	siSCR	1.0	1.1	4.4
3	75	siSCR (outlier/omit)	1.0	1.2	1.4
4	76	siESE no MB	1.0	3.5	7.2
5	78	siESE no MB	1.0	5.6	6.5
8	84	siSCR	1.0	2.6	4.0
8	85	siSCR	1.0	3.4	5.9
9	87	siSCR	1.0	1.2	2.3
11	90	siSCR	1.0	4.4	5.2
11	91	siSCR	1.0	3.1	5.9
12	93	siESE no MB	1.0	2.7	2.7