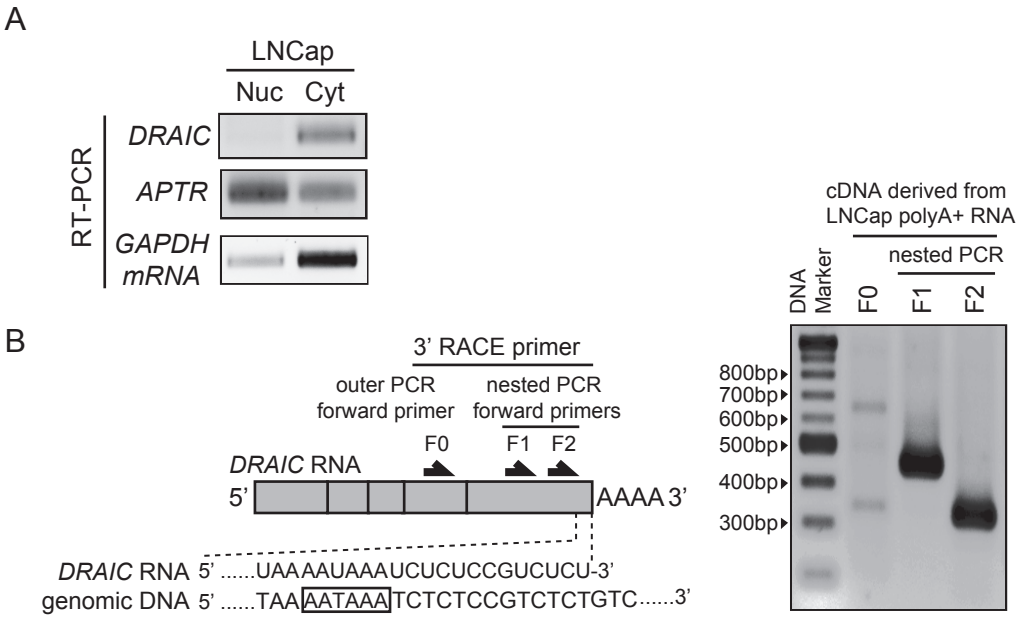
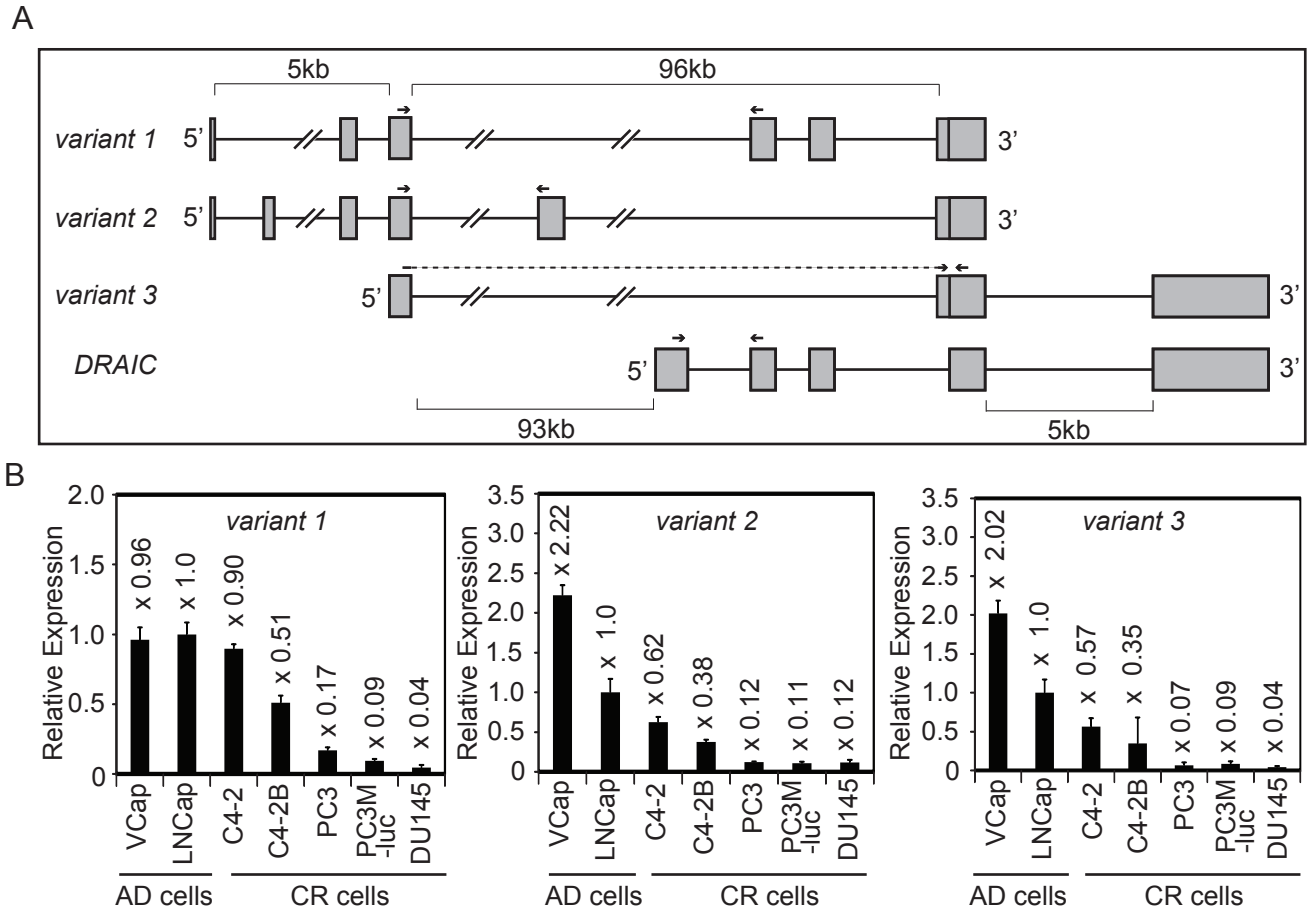
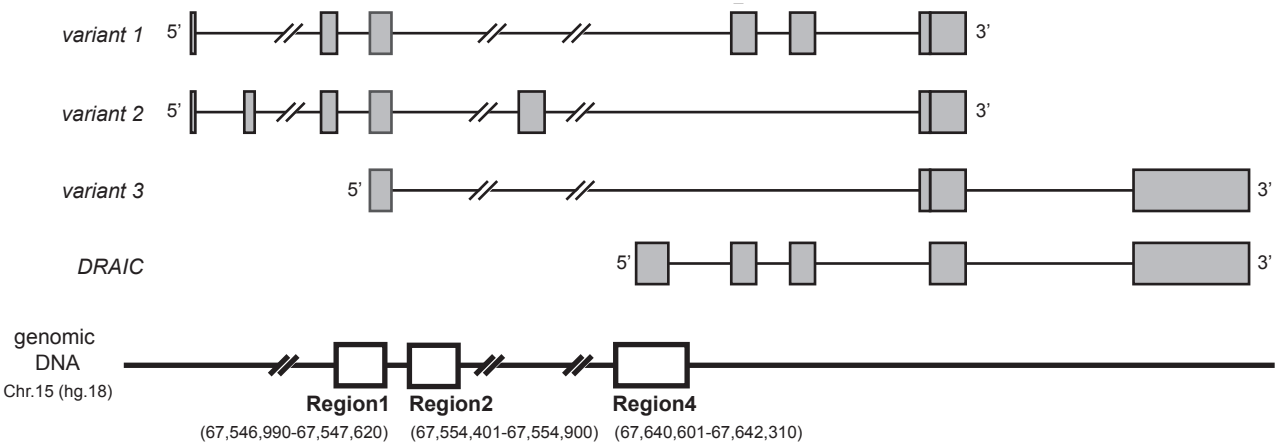


Supplementary Figure 1. Sakurai et.al.



Supplementary Figure 2. Sakurai et.al.



Region1

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GTTGGGCCCTGCGGCAGGTGCCAGTGGAGTCACCTTCCAGCCCGGCGGGGCCCATTAGCTCCTTGCTCTGTTGACTCTCAGGTAAAACC
TTTCTTGTGTTTACTCAGCAAAGATTCTTTTAAGACGGGCTAAGCACACGGTTTACTCTGCTAACAAGCCTTGGCATTTATTGTGAGGAC
CTGTGTTGACTTATTCTCGAGTCTCCATTGACACTCACTGAGAAACGTTAACGCAAACACAAGGAGACATCCTGGGAGCTCTGAGGCCC
GACATTGTGCTGGGGAAGGAGCTCCAGAAAGGGCCATCCTTTCTGTTTTGGTTAGAATCACCTTGAGAGTTAAAAATAACAATAATATA
GGCACCATAAGAGATTCTAATGATCTCCTTTTACTTTTTAGGTTCAGTATCTGAACACTTTTGCTAAAGGTCTCTGGAAAGCTCCCTGTG
TTAATT

Region2

GGGGCCGACTTTGAGCCACTGTCCCTGGGGCTCTGTCCTTGTCCTGAGCTACCCCTCAGTTCCAGCTGCAGATCTAGAGCTGCACCCTGA
GTCAGCAGTGGGACCTGAGTCTCAAAACGGCAGAGGAGTCCTGGCTGTCTGCTGAGGTAGTGCATGAGGAAATGGATTCCTCGTGCTG
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ATCCTATCTCTACAAAAAAATACAAAAAATAGTCAGGTGTGGTGGTACACGCTACT

Region4

GCCCTGACCTGGATTTAAAGATTTGCAAGAAGACAAATTCCAAACAGATGCCCATTAGGGCCGTGACAGCCGCAGCTTAAAGATAACA
TTTACATTCTGCGGGGGTTGTATCTCTCTGTTCCCCACTCGGCCCCTCTCTTTCCTCCGGTGGGATCAATACCTCGGTTGAGGTTACGTG
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GCCTGTTGCTGGGCTGGGC

	AR sites	FOXA1 sites	NKX3-1 sites
Region1	CTGGTGTCCT	TAAAAATA	
Region2	CCACTGTCCC GCTCTGTCCT TCCTTGTCCT CATTTGTCCT GGTACAGTAA GGTACACGCT	TCAAAATA AAAAAATA AAAAAATA	TAAGTA
Region4	TGACTGTCCC CGACTGTCCG TTTGTGTCCT	TAAAAATG TTAAAATG AATTTTAT AAAAAATA CATTTTTA TATTTTGT TTAAAATA TATTTAAT	

Supplementary Figure 3. Sakurai et.al.

RT-qPCR primer		sequence	Reference
DRAIC	forward reverse	TGAACTCAACTCCTGAGAAGGAC CGCTCTCAGACTCTTCAGTTCTC	
DRAIC variant1	forward reverse	GACAGTCACTTCCTCTCTGTGGT CGCTCTCAGACTCTTCAGTTCTC	
DRAIC variant2	forward reverse	TCAGTCTTCTCATCCCTAAGCAC TTCCTTAAAACAACTGTCCGTGT	
DRAIC variant3	forward reverse	CTCATCCCTAAGGAACTTGGAATA CGTGTCATTTCATGTTGGTACAG	
LOC728431	forward reverse	CAGGGTGAGAACCTACTTCTTCAT ATCTCCTTTTGAGCATGGATGTAT	
FOXA1	forward reverse	GAAGATGGAAGGGCATGAAA GCCTGAGTTCATGTTGCTGA	Cancer Res 2013;73:3725-3736.
NKX3-1	forward reverse	CAGAACGACCAGCTGAGCAC TGAAGTGTTTTCAGAGTCCAACA	
PCAT29	forward reverse	ATCGGCATGTGACTTGATT CATCTCCCACCTCTGCTCTC	Mol Cancer Res. 2014;12:1081-7
GAPDH	forward reverse	CTCTGCTCCTCCTGTTCGAC TTAAAAGCAGCCCTGGTGAC	J. Biol. Chem. 2012, 287:11924-11933.

qPCR primer for ChIP assay		sequence	Reference
DRAIC promoter Region1	forward reverse	ATTCTTTTAAGACGGGCTAAGCA CGTTAACGTTTCTCAGTGAGTGTC	
DRAIC promoter Region2	forward reverse	CTCACAGCATAGTCTGTGGACTG ACCCTGCCAAAAGTCTCTATGTT	
DRAIC promoter Region3	forward reverse	TGACTGTATCAGAAGCTGTCCAC TTAATATTCTGCTGACACCATCG	
DRAIC promoter Region4	forward reverse	AGTGCTTGGTTTGCTCTGCTA CGGGGACCAACTGTTTAGAA	
PSA promoter	forward reverse	GCCTGGATCTGAGAGAGATATCATC ACACCTTTTTTTTTCTGGATTGTTG	Oncogene. 2014: 33(11):1448-57.
SLUG promoter	forward reverse	CAGGAGAAAATGCCTTTGGA ATGAGGAATCTGGCTGCTGT	Cancer Res 2013;73:3725-3736.

3'RACE primer	sequence	Reference
outer forward primer	GAAGTGCTGTGATGGTTCATTTT	
inner forward1 for nested PCR	CAGTAAAGCAGGTTACCCACCAT	
inner forward2 for nested PCR	AAAGAAGATGGAATTCTCCTTGA	

semi-quantative RT-PCR		sequence	Reference
DRAIC	forward reverse	ATTTACTGAAATGCACAGCGATT AGCTTGTTCTTTTCTGGGTCTCT	
APTR	forward reverse	TGTGGGTACAAAAGGAGAGTAACAT GTAGATCTGGAGCTGCAACTACAG	PLoS ONE 9(4): e95216.
GAPDH	forward reverse	TCCCATCACCATCTTCCA CATCACGCCACAGTTTCC	PNAS, 2008 105(5):1608-1613

cloning PCR primer		sequence	Reference
DRAIC	forward reverse	GAGGGATCCCAGGGAGCTGGTTCCAGGAAAG GAGCTCGAGGACAGAGACGGAGAGATTTATTTTAAG	
FOXA1	forward reverse	GAGAAGCTTATGTTAGGAACTGTGAAGATGG GAGCTCGAGCTAGGAAGTGTTTAGGACGGGTCT	

siRNA	sequence (3'overhang dTdT is added in all siRNAs)		Reference
si*GL2*	sense antisense	CGUACGCGGAAUACUUCGA UCGAAGUAUUCCGCGUACG	Mol Cell Biol. 2013 33(16):3309-20.
si*AR*	sense antisense	CCGAGGAGCUUUCCAGAAU AUUCUGGAAAGCUCCUCGG	Biochem Biophys Res Commun. 2010 391(1):1075-9.
si*FOXA1* no1	sense antisense	GAGAGAAAAAAUCAACAGC GCUGUUGAUUUUUUCUCUC	Cancer Res 2013;73:3725-3736.
si*FOXA1* no2	sense antisense	GGAAUCAAUUCCUCAGGAA UUCCUGAGGAAUUGAUUCC	
si*NKX3-1* no1	sense antisense	GCUCAGGUGACAACCAUUA UAAUGGUUGUCACCUGAGC	
si*NKX3-1* no2	sense antisense	GCAAAUAGAGAGUCUCCAA UUGGAGACUCUCUAUUUGC	
si*DRAIC* no1	sense antisense	GGAAUUGGCUUGGAGUCAU AUGACUCCAAGCCAAUUCC	
si*DRAIC* no2	sense antisense	GGAGUACCUGUACCAACAU AUGUUGGUACAGGUACUCC	

shRNA	sequence		Reference
sh*GL2*	sense antisense	TTTGTACGCGGAATACTTCGAAATGCTTCCTGTCACATTTCGAAGTATTCCGCGTACTTTTTTG AATTCAAAAAAGTACGCGGAATACTTCGAAATGTGACAGGAAGCATTTCGAAGTATTCCGCGTA	
sh*DRAIC* no1	sense antisense	TTTGCAACTGAAACAACATCTGGAGCTTCCTGTCACTCCAGATGTTGTTTCAGTTGCTTTTTTG AATTCAAAAAAGCAACTGAAACAACATCTGGAGTGACAGGAAGCTCCAGATGTTGTTTCAGTTG	
sh*DRAIC* no2	sense antisense	TTTGAAACCTGGGTTTCGACTTGTGCTTCCTGTCACACAAGTCGAAACCCAGGTTTC TTTTTTG AATTCAAAAAAGAAACCTGGGTTTCGACTTGTGTGACAGGAAGCACAAGTCGAAACCCAGGTTT	

Supplementary Table 1. Sakurai et.al.