

Table S2: Primers Used, Related to STAR Methods

Name	Sequence
GAPDH qRT-PCR fwd	CATGAGAAGTATGACAACAGCCT
GAPDH qRT-PCR rev	AGTCCTTCCACGATACCAAAGT
AR qRT-PCR fwd	GTGTCAAAGCGAAATGGGC
AR qRT-PCR rev	GCTTCATCTCCACAGATCAGG
KLK3 qRT-PCR fwd	GAGCAGCCCTATCAACCCCCTATT
KLK3 qRT-PCR rev	AGCAACCCTGGACCTCACACCTAA
TMPRSS2 qRT-PCR fwd	AAGGAATAGTGGATGACAGCG
TMPRSS2 qRT-PCR rev	CAGCGTAAAGAAACCACTGC
PLD1 qRT-PCR fwd	GAAAGCGTGACAGTGAAATGG
PLD1 qRT-PCR rev	TCAAGATAGCCAAGGACAACC
AMIGO2 qRT-PCR fwd	CAACATCACCAGCATTTCAC
AMIGO2 qRT-PCR rev	TCACCGTCTTCAGCTTATTGG
HPRT1 qRT-PCR fwd	TGCTGAGGATTTGGAAAGGG
HPRT1 qRT-PCR rev	ACAGAGGGCTACAATGTGATG
AR-FL (Full length) qRT-PCR fwd	CAGCCTATTGCGAGAGAGCTG
AR-FL (Full length) qRT-PCR rev	GAAAGGATCTTGGGCACTTGC
AR-V7 qRT-PCR fwd	CCATCTTGTCGTCTTCGGAATGTTA
AR-V7 qRT-PCR rev	TTTGAATGAGGCAAGTCAGCCTTTCT
Endogenous specific AR qRT-PCR fwd	TCACAGCCTGTTGAACTCTTC
Endogenous specific AR qRT-PCR rev	ACTGCACTTCCATCCTTGAG
Exogenous specific AR qRT-PCR fwd	GATGACGATAAGATGGCCCG
Exogenous specific AR qRT-PCR rev	ACGCTCTGGAACAGATTCTG
HPRT gRNA sequence	CGCCGCGCGGGAAAGCCGAG
Nontargeting control gRNA sequence	CAACGAGAAGCGCGATCACA
Knockin Primer Set 1 fwd	GGCAAGAGAATCCCATTGCA
Knockin Primer Set 1 rev (pre-Cre)	GCTGTCCCTCGCTAGCATAA
Knockin Primer Set 1 rev (post-Cre)	GTGCCACCTTCTTTTACGC
Knockin Primer Set 2 fwd	GCTTTGGGAGTGAAGACGAG
Knockin Primer Set 2 rev	TTTGGGGTGTCTTTGGAAGG
ChIP QPCR Peak2_1 fwd	ACAGGCAGACACAAAGGACA
ChIP QPCR Peak2_1 rev	TCCCTCGTCCTCTCCTGTTA
ChIP QPCR Peak2_2 fwd	CCAGACAGGCAAGCTTTCAG
ChIP QPCR Peak2_2 rev	TGGGCAACTTCCAATGACTG
ChIP QPCR Control_1 fwd	CAGACACCCACTTCCATACAC
ChIP QPCR Control_1 rev	CTCAGGTTAGAACTTAGGGCAC
ChIP QPCR Control_2 fwd	CCTGGAGGGCTTGGAGAT
ChIP QPCR Control_2 rev	ATCCTACGGCTGGCTGTGA
AR_P2_1196F	GTTGGTGCCACTGAGGATTT
AR_P2_1196R	ACTGAAACCTGGGGCTTCTT
3C primers chrX:66,740,000-66,780,000:	
AR Promoter	ACACACGGTGGACAAGATCT
BglII_ARprom_01	CCAGTGGAGATTTTGGAGCA
BglII_ARprom_02	CGTGAATGAACTGAATCCTCA
BglII_ARprom_03	GGGGTTCCTTTTGGAAAAAT
3C primers chrX:66,100,000-66,155,000:	
BglII_ARenh_01	GTGGGGAGGTCTCTCTTTGA

BglII_ARenh_02	AGAAAGGTGGAGCCTTAGCC
BglII_ARenh_03	TTGTGAGAATGAGGGAGGTTG
BglII_ARenh_04	AGAGGGCCCCTTTAAAAGTC
BglII_ARenh_05	CATTCAAATCTTGTGAGCCAAC
BglII_ARenh_06	TTGGAACACACAGGGCTACA
BglII_ARenh_07	CACTTGAACAATGCTTGTC
BglII_ARenh_08	AACATGGCCCATTTAATCCA
BglII_ARenh_09	ACCTCCGATATGGCTCACC
BglII_ARenh_10	GAGCAAACCAAACCTGGAAGC
BglII_ARenh_11	GGGATGTGAGGCTGCTTTAG
BglII_ARenh_12	AGACTGGCAAGTTGGGAAAA
BglII_AR_Neg	GATTGGTCATCAGGCAGACA