

**Supplementary Table S4. Q-PCR primers for consensome validation**

ERs-Hs-mammary gland transcriptomic consensome	
<i>36B4</i>	F: GGACATGTTGCTGGCCAATAA R: GGGCCCGAGACCAGTGTT
<i>ESR1</i>	F: TGGAGATCTTCGACATGCTG R: TCCAGAGACTTCAGGGTGCT
<i>GREB1</i>	F: TGGAAGGCTTGCAGCTCTTGAG R: GGAAGGGCCGTGTAGCCTTCG
<i>TPD52L1</i>	F: ACTCGGCATGAACCTGATGA R: CTGCGTGA CT CAGGGTTTCA
<i>CXCL12</i>	F: ATTCTCAACTCCAACTGTGC R: CTCAGCCGGGCTACAATCTG
<i>MYBL1</i>	F: GGCGAAGAGGTCGCGCAGTG R: TGCCATCGATGCTGGCACTGAA
<i>FHL2</i>	F: ATCCAAGTGCCAGGAATGCA R: GTGGCAGATGAAGCAGGTCT
<i>RAB31</i>	F: CCATCGCTGGAAACAAGTGC R: AACCACGATGGCACCTATGG
<i>NPY1R</i>	F: CCACTCTCCTCTTGGTGCTG R: TGGTTTCACTGGACCTGTACT
<i>IL17RB</i>	F: GCCCTTCCATGTCTGTGAAT R: ACTGAAGCTCGCGTTTGT TT
<i>CA12</i>	F: GTGCTCCTGCTGGTGATCTT R: TGGACCAGCTATTCTCCCCA
<i>NRIP1</i>	F: CCAGCCCAAATGAAGGTGC

	R: GTTTGCTGGGTCTCTGCTCT
<i>MYC</i>	F: CTACCCTCTCAACGACAG
	R: TTCTTCCTCATCTTCTTGTTT
<i>PRSS23</i>	F: AAACCCACTTGGCCTGCATA
	R: GGATGTAGATGCCACCTGC
<i>TFF1</i>	F: TCCCCTGGTGCTTCTATCCTAATAC
	R: GCAGTCAATCTGTGTTGTGAGCC
<i>STC2</i>	F: GACCGACGCCACCAACCCAC
	R: CCCACATCGCCAGCGTTGA
<i>SLC7A5</i>	F: GCCTACTTCACCACCCTGTC
	R: AAGACGGGGATGATCCAGGA
<i>EGR3</i>	F: CATGTGCGGCGTGGAGTC
	R: TAGGTCACGGTCTTGTTGCC
<i>PTGES</i>	F: CAGTATTGCAGGAGCGACCC
	R: GACGAAGCCCAGGAAAAGGA
GR-mouse-liver transcriptomic consensome	
<i>Ppp1r3b</i>	F: TGAGCCACAGATTGCTGGAG
	R: TGGATGTCCACAGCCATCAC
<i>Ppp1r3c</i>	F: TGATCCATGTGCTAGATCCACG
	R: ACTCTGCGATTTGGCTTCCTG
<i>Pcx</i>	F: GGCTGCAGCAAGTTTGGTTG
	R: TAGATGTTAGCTCCGCCCTG
<i>Fgf21</i>	F: AGCATACCCCATCCCTGACT
	R: AAGAGACTTTCTGGACTGCG
<i>Rplp0</i>	F: GAAACTGCTGCCTCACATCCG
	R: GCTGGCACAGTGACCTCACAG

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