

**Supplementary Table S3.** Targets with elevated consensome rankings selected for bench validation

<b>Consensome</b>	<b>Gene</b>	<b>Name</b>	<b>CPV</b>
ERs-Hs-All organs	<i>TPD52L1</i>	Tumor protein D52 like 1	8.1E-130
AR-Hs-All organs	<i>MBOAT2</i>	Membrane bound O-acyltransferase domain containing 2	2.2E-36
GR-Mm-All organs	<i>Ppp1r3c</i>	Protein phosphatase 1 regulatory subunit 3C	1.1E-15
	<i>Ppp1r3b</i>	Protein phosphatase 1 regulatory subunit 3B	3.7E-4
ERRs-Mm-metabolic	<i>Prkab2</i>	Protein phosphatase 1 regulatory subunit 3A	1.8E-4