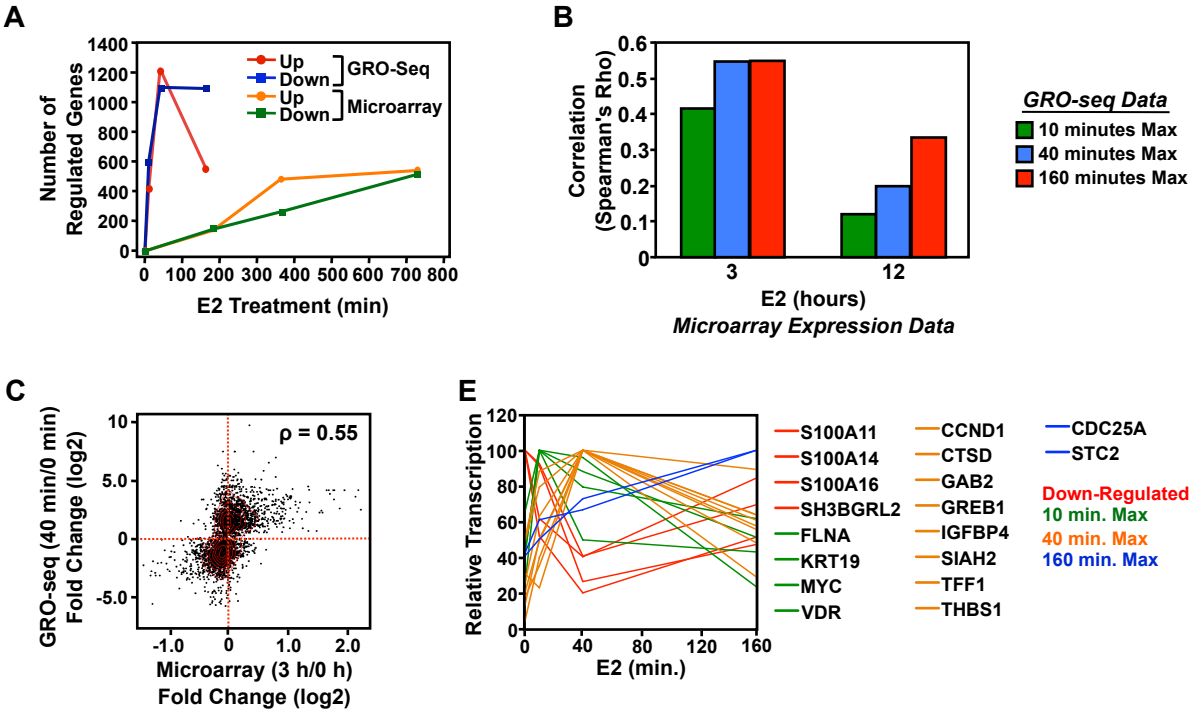

D

Gene	GRO-seq Category	Effect of E2 on mRNA	Protein Name	Effect of E2 on Protein	Reference
S100A11	Downregulated	n.d.	S100 calcium binding protein A11	Decrease[a]	Zhu et al., 2008
S100A14	Downregulated	n.d.	S100 calcium binding protein A14	Decrease[a]	Zhu et al., 2008
S100A16	Downregulated	n.d.	S100 calcium binding protein A16	Decrease[a]	Zhu et al., 2008
SH3BGRL2	Downregulated	n.d.	SH3 domain binding glutamic acid-rich protein like 2	Decrease[a]	Zhu et al., 2008
FLNA	Max at 10 min.	n.d.	Filamin A	Increase[a]	Zhu et al., 2008
KRT19	Max at 10 min.	Increase	Keratin 19	Increase	Choi et al., 2000
MYC	Max at 10 min.	n.d.	c-Myc	Increase	Lu and Serrero, 2001
VDR	Max at 10 min.	n.d.	Vitamin D receptor	Increase	Gilad et al., 2005
CCND1	Max at 40 min.	n.d.	Cyclin D1	Increase	Wang et al., 1998
CTSD	Max at 40 min.	n.d.	Cathepsin D	Increase	Cappelletti et al., 1996
GAB2	Max at 40 min.	n.d.	GRB2-associated binding protein 2	Increase	Daly et al., 2002
GREB1	Max at 40 min.	Increase	Growth regulation by estrogen in breast cancer 1	Increase	Hnatyszyn et al., 2010
IGFBP4	Max at 40 min.	Increase	Insulin-like growth factor binding protein 4	Increase	Vendrell et al., 2004
SIAH2	Max at 40 min.	n.d.	Seven in absentia homolog 2	Increase	Frasor et al. 2005
TFF1	Max at 40 min.	Increase	Trefoil factor 1	Increase	Vendrell et al., 2004
THBS1	Max at 40 min.	n.d.	Thrombospondin-1	Increase	Hyder et al., 2009
CDC25A	Max at 160 min.	n.d.	Cell division cycle 25 homolog A	Increase	Foster et al., 2001
STC2	Max at 160 min.	Increase	Stanniocalcin 2	Increase	Raulic et al., 2008

Supplemental Figure S3 - Hah *et al.* (2011)