Table 1
Rationale for genes of interest selected a priori.

Preselected Genes of Interest	Rationale			Selected References
Androgen receptor (*Ar*)	**A**		**C D**	(Morris et al., 2004; Cooke et al., 2003; Richter et al., 2007; Cooke and Woolley, 2005; McAbee and Doncarlos, 1999; Shah et al., 2004; Juntti et al., 2010)
Arginine vasopressin (*Avpr1a*)	**A**		**C**	(Donaldson and Young, 2008; Dumais and Veenema, 2016; Patisaul, 2017; de Vries, 2008)
Estrogen receptor α (*Esr1*)	**A**	**B**	**D**	(Arambula et al., 2016; Cao et al., 2013; Morris et al., 2004; Cooke et al., 2003; Kundakovic et al., 2013; Rebuli et al., 2014; Cao et al., 2012; Ogawa et al., 1997; Tetel and Pfaff, 2010)
Estrogen receptor β (*Esr2*)	**A**	**B**	**D**	(Arambula et al., 2016; Cao et al., 2013; Morris et al., 2004; Cooke et al., 2003; Rebuli et al., 2014; Cao et al., 2012; Ogawa et al., 1997; Tetel and Pfaff, 2010; Cao et al., 2014; Handa et al., 2012)
Growth arrest and DNA damage inducible β (*Gadd4b*)		**B**		(Kigar et al., 2016; Kigar et al., 2015)
Oxytocin receptor (*Oxtr*)	**A**		**C**	(Donaldson and Young, 2008; Dumais and Veenema, 2016; Patisaul, 2017; Bales and Perkeybile, 2012)

A Previously shown to be influenced by BPA.
B Sex biased expression in amygdala.
C Estrogen-dependent expression.
D Important for sexual differentiation of the amygdala.