



Supplemental Material to:

**Heather H Burris, Andrea A Baccarelli, Valeria Motta,
Hyang-Min Byun, Allan C Just, Adriana Mercado-Garcia,
Joel Schwartz, Katherine Svensson, Martha M Téllez-Rojo,
and Robert O Wright**

**Association between length of gestation and cervical
DNA methylation of PTGER2 and LINE 1-HS**

Epigenetics 2014; 9(8)

<http://dx.doi.org/10.4161/epi.29170>

**[http://www.landesbioscience.com/journals/epigenetics/
article/29170/](http://www.landesbioscience.com/journals/epigenetics/article/29170/)**

PTGER2 gene map

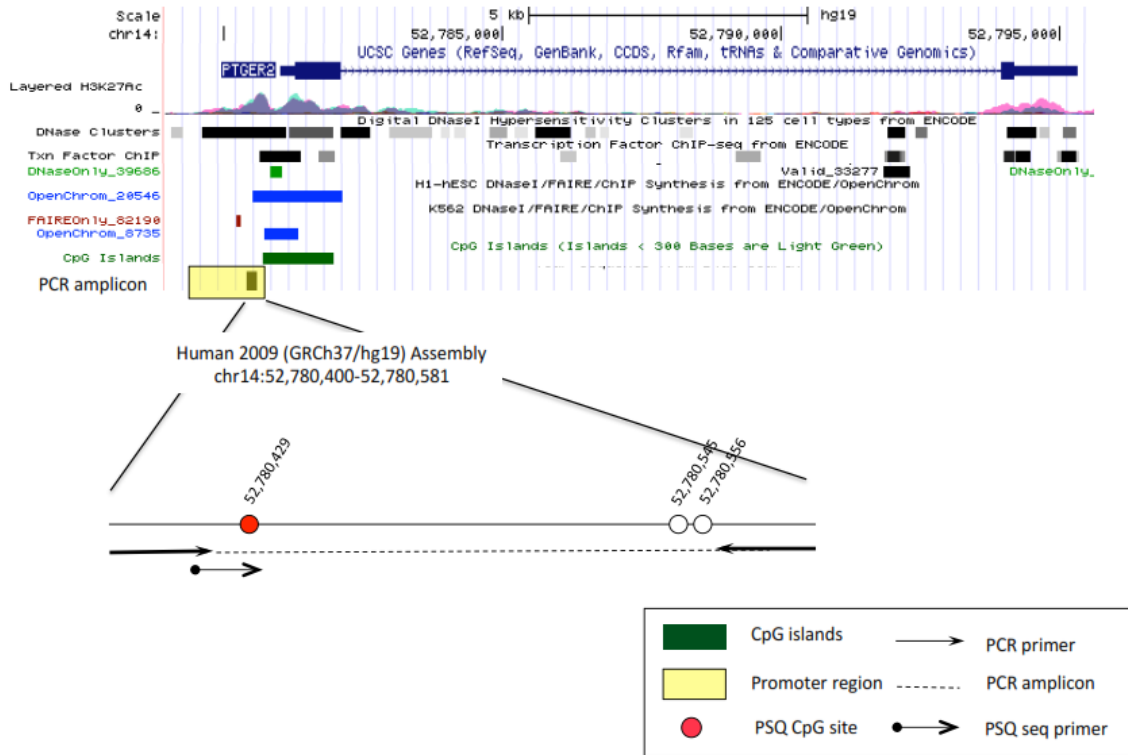


Figure S1. Prostaglandin E receptor 2 (subtype EP2) gene map.

Table S1. Prostaglandin E receptor 2 (subtype EP2) pyrosequencing primers, promoter and amplicon (based on hg19)

Gene	Chromosome	Promoter		Amplicon		CpGs (position)	Primers and Sequences analyzed
		<i>Start</i>	<i>End</i>	<i>Start</i>	<i>End</i>		
prostaglandin E receptor 2 (subtype EP2) <i>PTGER2</i>	14	52,779,162	52,780,571	52,780,400	52,780,581	52,780,429	Primer Forward: TGGTTTTTTGGATGGAT ATATTTGT Primer Reverse: bio- AATAAAATTAAAAAAA CCAATCCC Primer Sequencing: GATATATTTGTTTAA Sequence to analyze: C/TGTTTTATTTTAATTT TTG