

Table 1 Imprinted genes in maize and their expression pattern

Allele-specific imprinted genes		Tissue-specific expression	Reference
<i>R</i>		Endosperm	Kermicle (1970); Ludwig et al (1989)
<i>Dzr-1</i>		Endosperm	Chaudhuri & Messing (1994)
<i>Zein</i>		Endosperm	Lund et al (1995a)
<i>Alpha-tubulin</i>		Endosperm	Lund et al (1995b)
Locus-specific imprinted genes	Parental-specific expression	Tissue-specific expression	
<i>ZmFie1</i>	Maternal	Endosperm	Danilevskaya et al (2003); Gutierrez-Marcos et al (2006);
<i>ZmFie2</i>	Maternal	Endosperm	Hermon et al (2007); Haun and Springer (2008)
<i>Nrp1</i>	Maternal	Endosperm	Danilevskaya et al (2003); Gutierrez-Marcos et al (2006); Hermon et al (2007)
<i>Peg1</i>	Paternal		Guo et al (2003); Haun and Springer (2008)
<i>Meg1</i>	Maternal	Endosperm	Gutierrez-Marcos et al (2003)
<i>Mez1</i>	Maternal	Endosperm	Gutierrez-Marcos et al (2004)
<i>Mee1</i>	Maternal	Embryo and Endosperm	Haun et al (2007); Haun and Springer (2008)
<i>VIM5</i>	Paternal	Endosperm	Jahnke and Scholten (2009)
<i>YUC10</i>	Paternal	Endosperm	Zhang et al (2011)