

a

***Pbrm1*^{MommeD27} Intercross**

Age	+/+	D27/+	D27/D27	Empty Decidua
14.5 dpc	11 (18)	27 (45)	15 (25)*	7 (12)
3 weeks	19 (35)	35 (65)	0 (0)	na

*4 embryos were smaller than littermates, 3 of these were pale.

b

***Brd1*^{MommeD42} Intercross**

Age	+/+	D42/+	D42/D42
10.5 dpc	4 (14)	16 (55)	9 (31)
14.5 dpc	9 (50)	9 (50)	0 (0)
3 weeks	14 (41)	20 (59)	0 (0)

c

***Suv39h1*^{MommeD33} Intercross**

	♂		♀	
Age	+/0	D33/0	D33/+	D33/D33
3 weeks	34 (25)	34 (25)	33 (24)	37 (26)

d

***Uhrf1*^{MommeD40} Intercross**

Age	+/+	D40/+	D40/D40	Empty Decidua
10.5 – 11.5 dpc	6 (26)	11 (48)	3 (13)	3 (13)
3 weeks	18 (33)	37 (67)	0 (0)	na

e

***Baz1b*^{MommeD16} Intercross**

Age	+/+	D16/+	D16/D16
3 weeks	17 (25)	47 (70)	3 (4)

f

***Smchd1* Intercross**

3 weeks	+/+	+/-	-/-
<i>MD23</i> ^{-/+} x <i>MD23</i> ^{-/+}	54 (45)	62 (52)	4 (3)
<i>MD36</i> ^{-/+} x <i>MD36</i> ^{-/+}	17 (35)	32 (65)	0 (0)
<i>MD23</i> ^{-/+} x <i>MD36</i> ^{-/+}	13 (36)	23 (64)	0 (0)

g

***Trim28*^{MommeD31} Intercross**

Age	+/+	D31/+	D31/D31	Empty Decidua
10.5 dpc	7 (29)	12 (50)	0 (0)	5 (21)

h

***Dnmt1*^{MommeD32} Intercross**

Age	+/+	D32/+	D32/D32	Empty Decidua
10.5 dpc	8 (22)	13 (36)	4 (11)*	11 (30)
3 weeks	25 (31)	55 (69)	0 (0)	na

*4/4 homozygous mutants were developmentally abnormal

i

***Smarca5* Intercross**

Cross	Age	+/+	+/-	-/-	Empty Decidua
<i>D35</i> ^{-/+} x <i>D35</i> ^{-/+}	12.5-14.5 dpc	11 (34)	15 (47)	6 (19)	0
<i>D35</i> ^{-/+} x <i>D35</i> ^{-/+}	3 weeks	16 (32)	34 (68)	0 (0)	na
<i>D37</i> ^{-/+} x <i>D37</i> ^{-/+}	14.5 dpc	14 (24)	22 (37)	0 (0)	23 (39)
<i>D37</i> ^{-/+} x <i>D37</i> ^{-/+}	3 weeks	20 (36)	36 (64)	0 (0)	na