Supplemental Table 1 - Cell counts in *Pdcd2* preimplantation embryos

Geno	CDX2+	DAPI + CDX2-	Total Cells	% CDX2+	Stage
Litter 1					
-/-	19	2	21	90	morula
+/-	21	10	31	68	late morula
+/+	22	9	31	71	early blastocyst
+/-	29	15	44	66	blastocyst
+/+	29	10	39	74	blastocyst
+/+	17	12	29	59	late morula
+/+	15	0	15	100	early morula/abnormal
Litter 2					
-/-	20	3	23	87	morula
+/-	13	1	14	93	early morula
+/+	22	7	29	76	morula
+/-	14	3	17	82	early morula
+/+	23	1	24	96	morula
-/-	10	7	17	59	early morula
+/-	24	5	29	83	late morula
+/-	22	9	31	71	early blastocyst
Litter 3					
+/+	23	5	28	82	blastocyst
+/+	15	15	30	50	blastocyst
+/+	22	8	30	73	blastocyst
+/-	18	7	25	72	early blastocyst
+/+	11	7	18	61	morula
+/+	18	4	22	82	morula
+/-	20	11	31	65	blastocyst
+/+	11	4	15	73	early blastocyst
+/-	20	13	33	61	blastocyst
-/-	15	12	27	56	blastocyst

	# cells	% ICM
Morula		
WT (4)	23.3	20.4%
MUT (2)	22.0	11.4%
Blastocysts		
WT (7)	33.6	32.8%
MUT (1)	27.0	44.4%

Legend - DAPI+, CDX2- cells are considered to be ICM, or non-trophoblast. Embryos were staged based on unstained appearance. Shaded rows represent embryos of similar developmental stages, either morula or blastocysts. These were averaged (parentheses) for comparisons in the Table at the bottom.