

Maternal diabetes causes developmental delay and death in early-somite mouse embryos

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Supplemental Table 1. Malformations in the offspring of 10 consecutive pregnant diabetic mice

litter	# embryos	resorbed or dead	abnormal	age (ED)	malformation
1	9	0	3	9.5	open neural tube (tail); retarded embryo; pycnotic cells in atrium
2	4	0	1	9.5	retarded embryo
3	12	0	1	10.5	pycnotic cells in atrium and open neural tube (body)
4	9	2	1	10.5	pycnotic cells in atrium and big pericardium
5	9	1	2	10.5	open neural tube; retarded heart development
6	11	0	0	10.5	none
7	10	0	3	10.5	dilated heart and retarded brain development; spina bifida; retarded heart development
8	11	0	0	10.5	none
9	11	2	1	10.5	spina bifida
10	10	4	0	11.5	none
total	96	9	12		

Supplemental Table 2. Comparisons of gene expression data made in Zhao et al (2016) and present study

Embryonic Day (ED)	treatment	Zhao, 2016	present
ED7.5	control		+ (8)
ED8.5	control	+ (5)	+ (5)
ED9.5	control	+ (8)	
ED8.5	diabetic	+ (7)	+ (7)
ED9.5	diabetic	+ (8)	
ED8.5-1	diabetic		+ (8)
ED9.5-1	diabetic		+ (4)