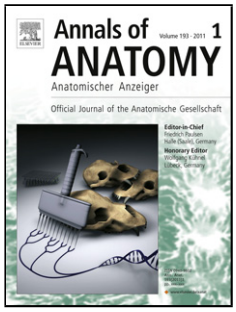

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PII: S0940-9602(18)30029-3
DOI: https://doi.org/10.1016/j.aanat.2018.02.010
Reference: AANAT 51238

To appear in:

Received date: 31-8-2017
Revised date: 17-1-2018
Accepted date: 6-2-2018

Please cite this article as: Maldonado, Estela, López, Yamila, Herrera, Manuel, Martínez-Sanz, Elena, Martínez-Álvarez, Concepción, Pérez-Miguelsanz, Juliana, Craniofacial structure alterations of foetuses from folic acid deficient pregnant mice.Annals of Anatomy https://doi.org/10.1016/j.aanat.2018.02.010

Craniofacial structure alterations of foetuses from folic acid deficient pregnant mice

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Abstract

Introduction: craniofacial development in mammals is a complex process that involves a coordinated series of molecular and morphogenetic events. Folic acid (FA) deficiency has historically been associated with congenital spinal cord malformations, but the effect that a maternal diet deficient in FA has on the development of other structures has been poorly explored. In the present study, the objective was to describe and quantify