

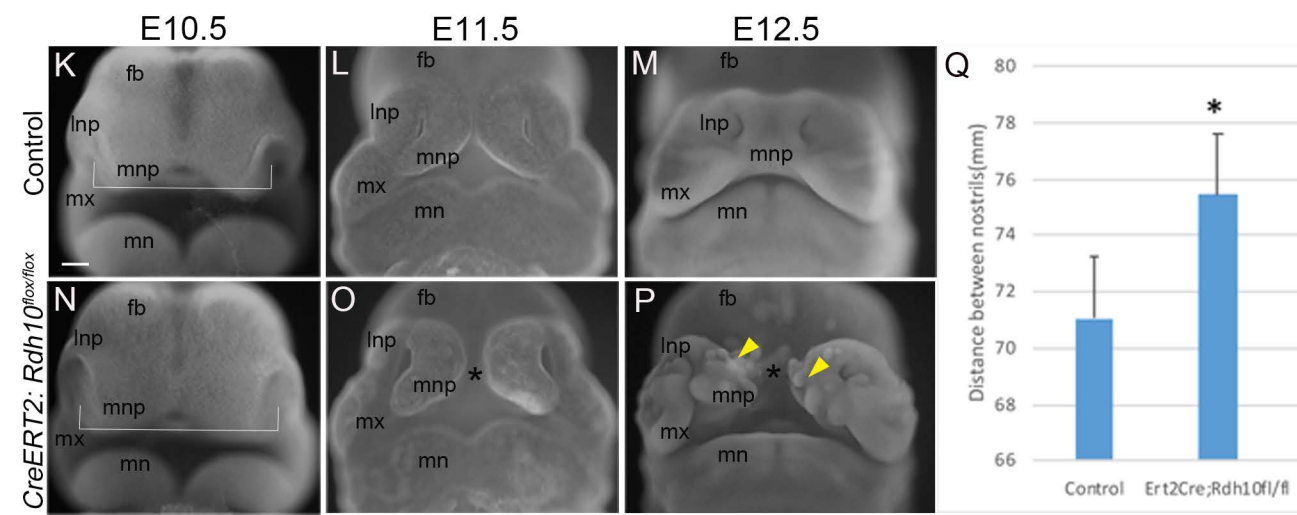
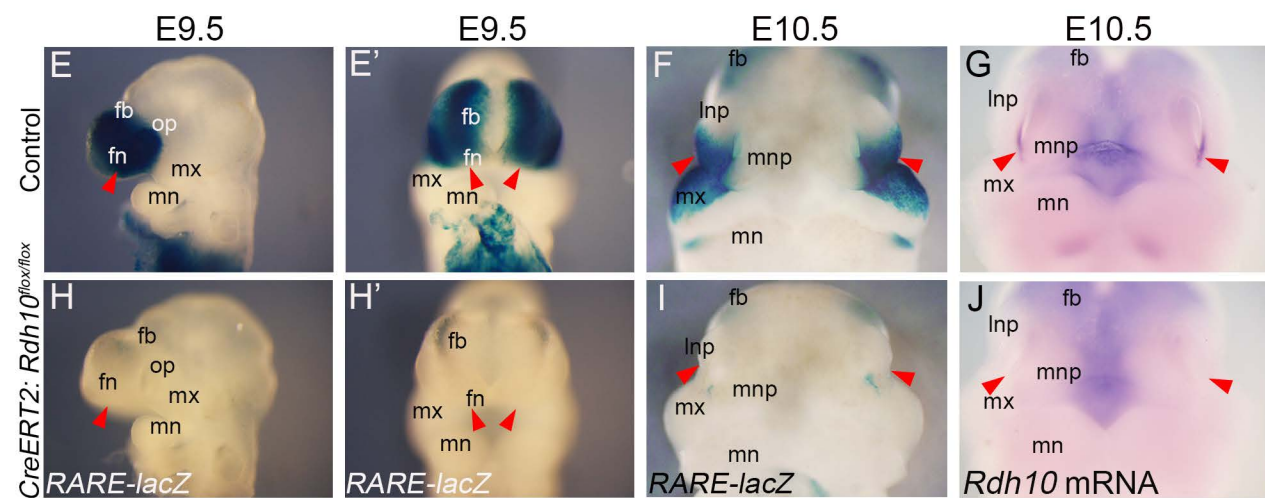
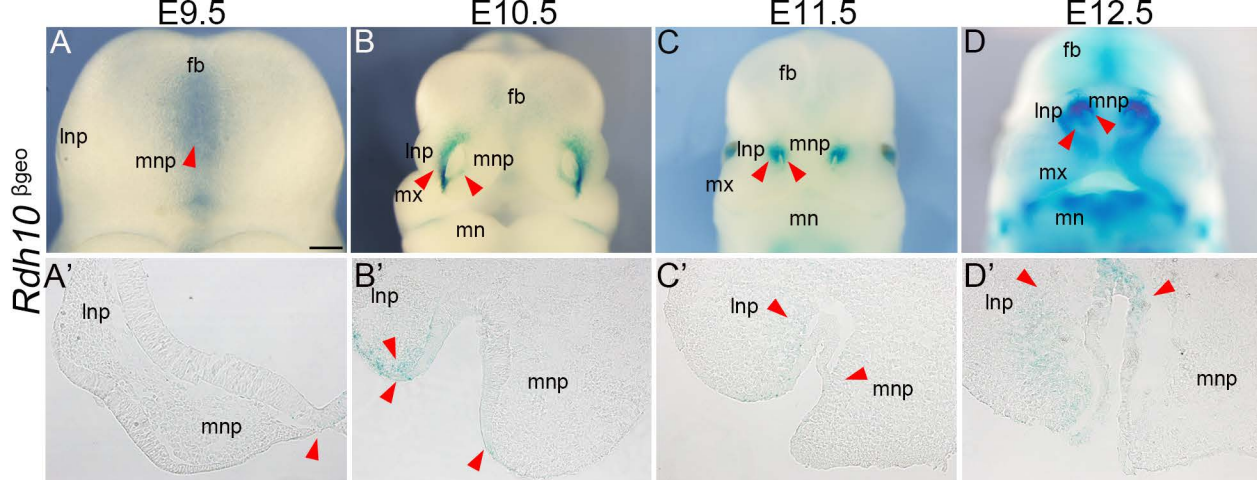


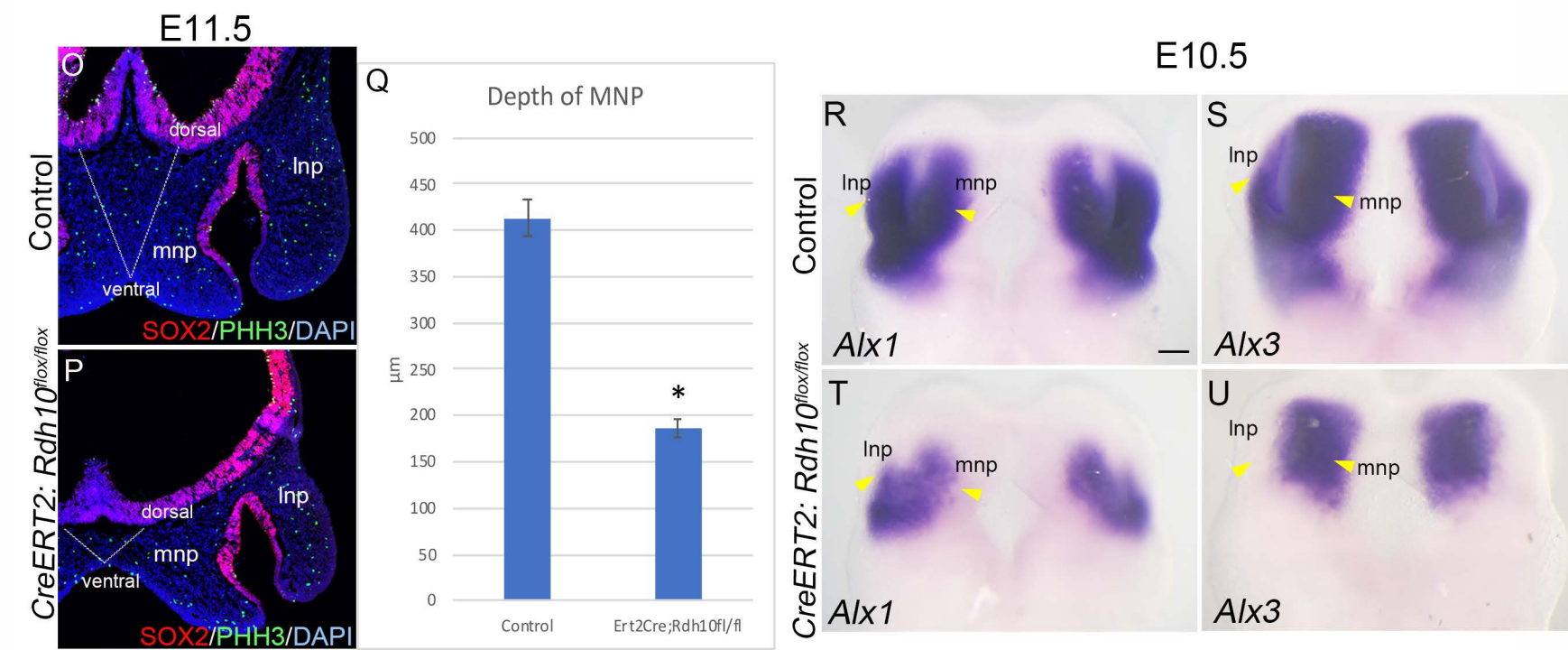
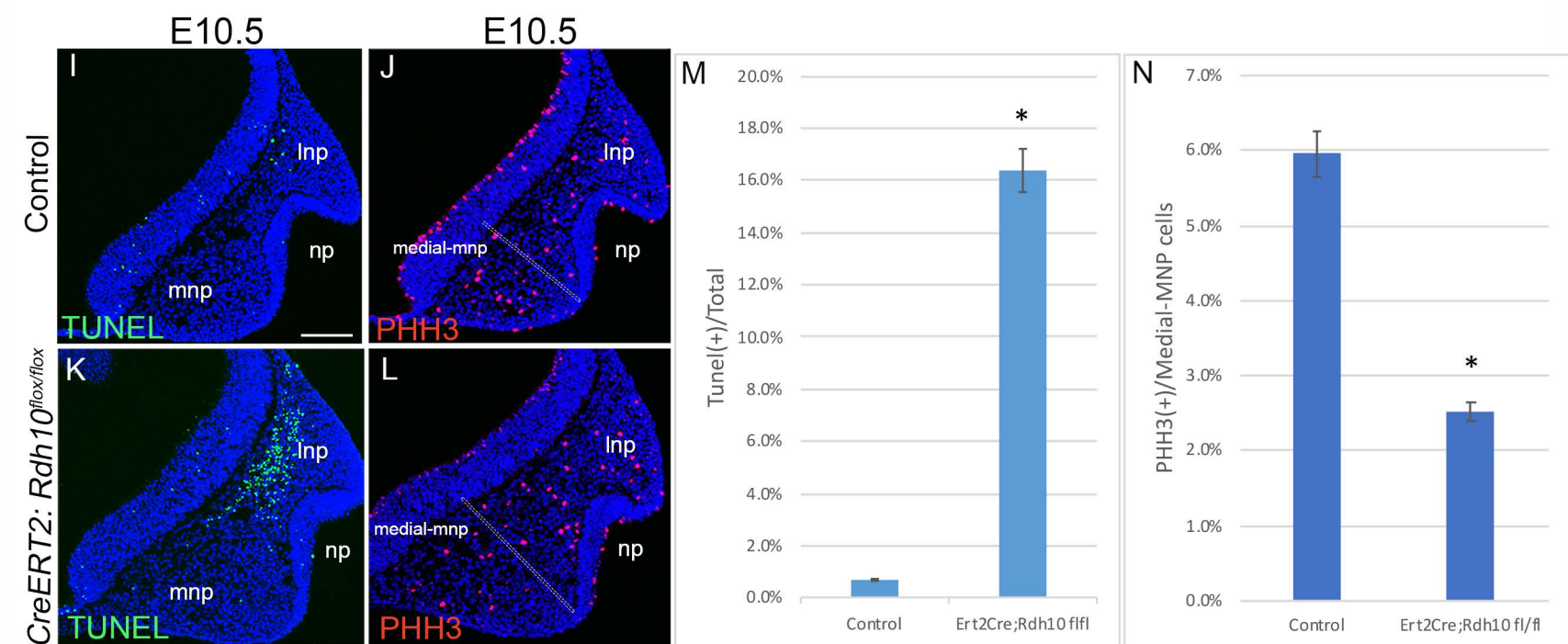
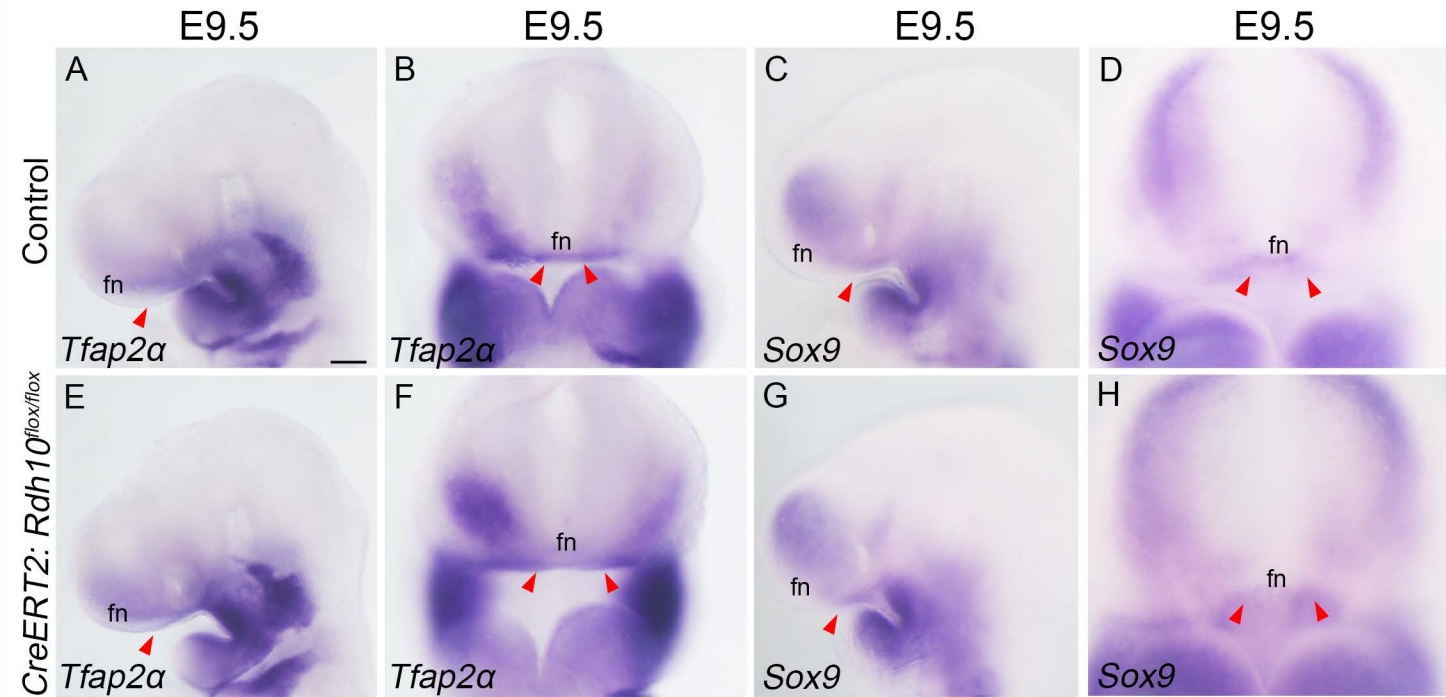
Title	Retinoic Acid Deficiency Underlies the Etiology of Midfacial Defects
Author(s)	Wu, Y.; Kurosaka, H.; Wang, Q. et al.
Citation	Journal of Dental Research. 2022, 101(6), p. 686-694
Version Type	AM
URL	https://hdl.handle.net/11094/103593
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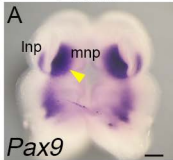
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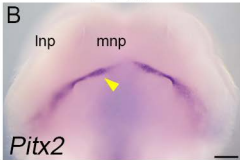




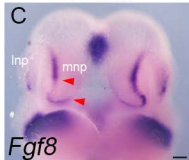
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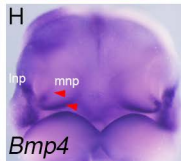
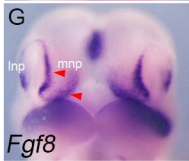
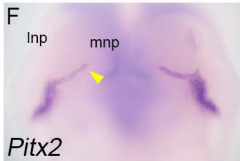
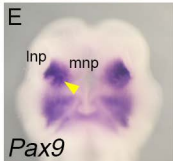
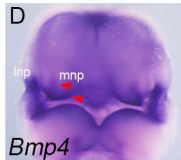
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E10.5

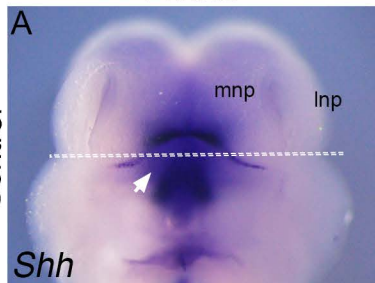


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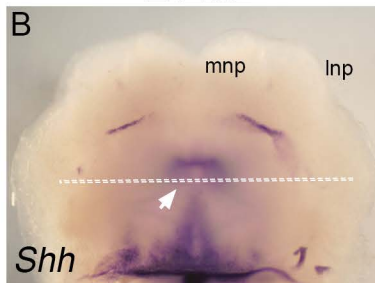


Control
CreERT2: *Rdh10*^{flx/flx}

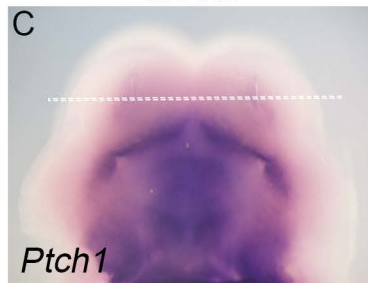
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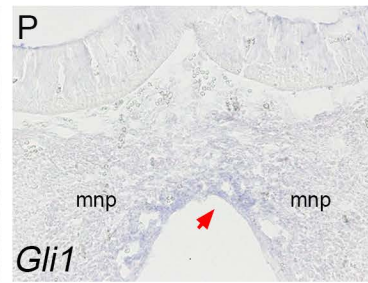
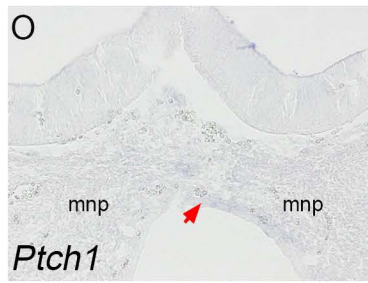
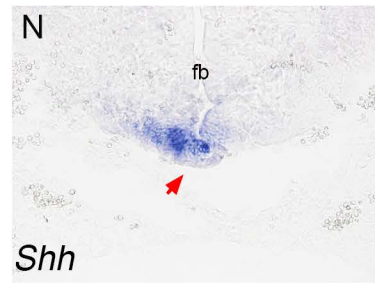
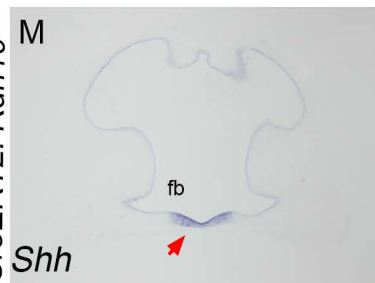
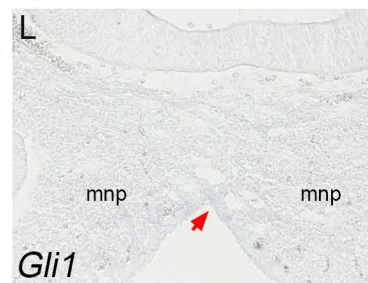
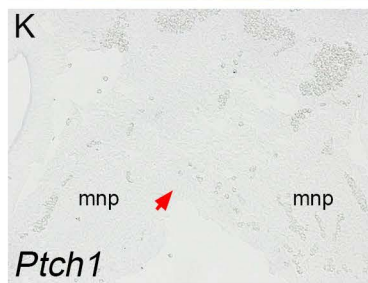
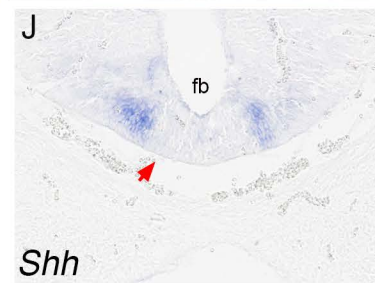
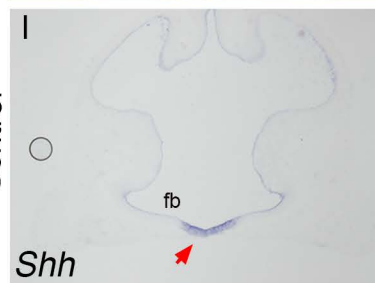
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E11.5



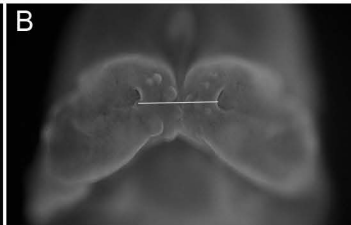
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Control
CreERT2: *Rdh10*^{flx/flx}

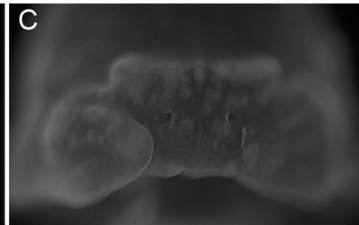
Midfacial Cleft



Incomplete
Midfacial Cleft



Without
Midfacial Cleft



Without
Midfacial Cleft

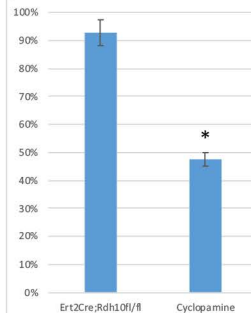


E

	Midfacial Cleft	Incomplete Midfacial Cleft	Without Midfacial Cleft
Cyclopamine(-) CreERT2: Rdh10 ^{fl/fl}	36 out of 38 embryos	0	2 out of 38 embryos
Cyclopamine (+) CreERT2: Rdh10 ^{fl/fl}	6 out of 16 embryos	3 out of 16 embryos	7 out of 16 embryos

F

Incidence of midfacial cleft



G

Distance between nostrils

