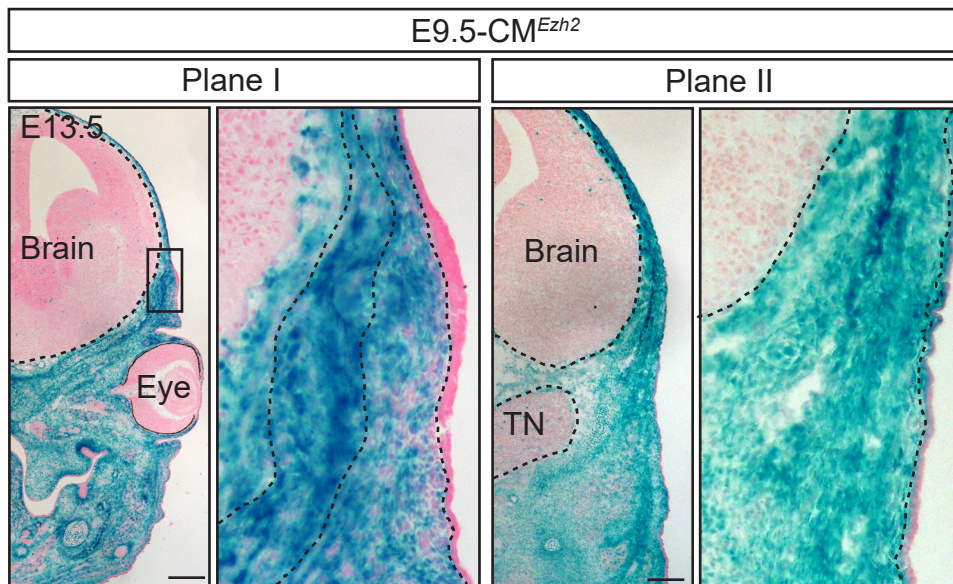
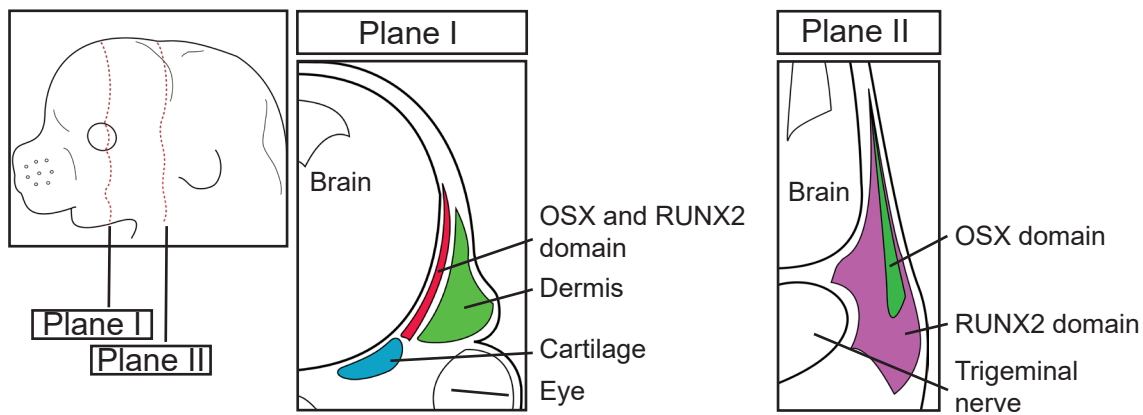


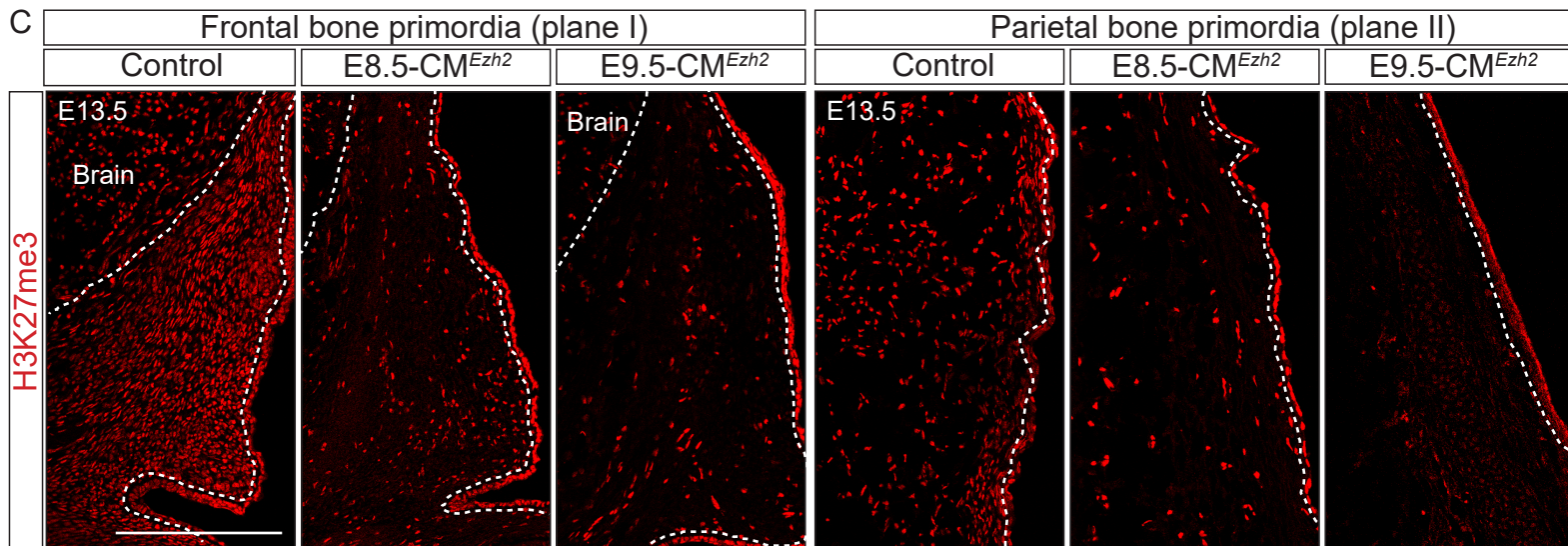
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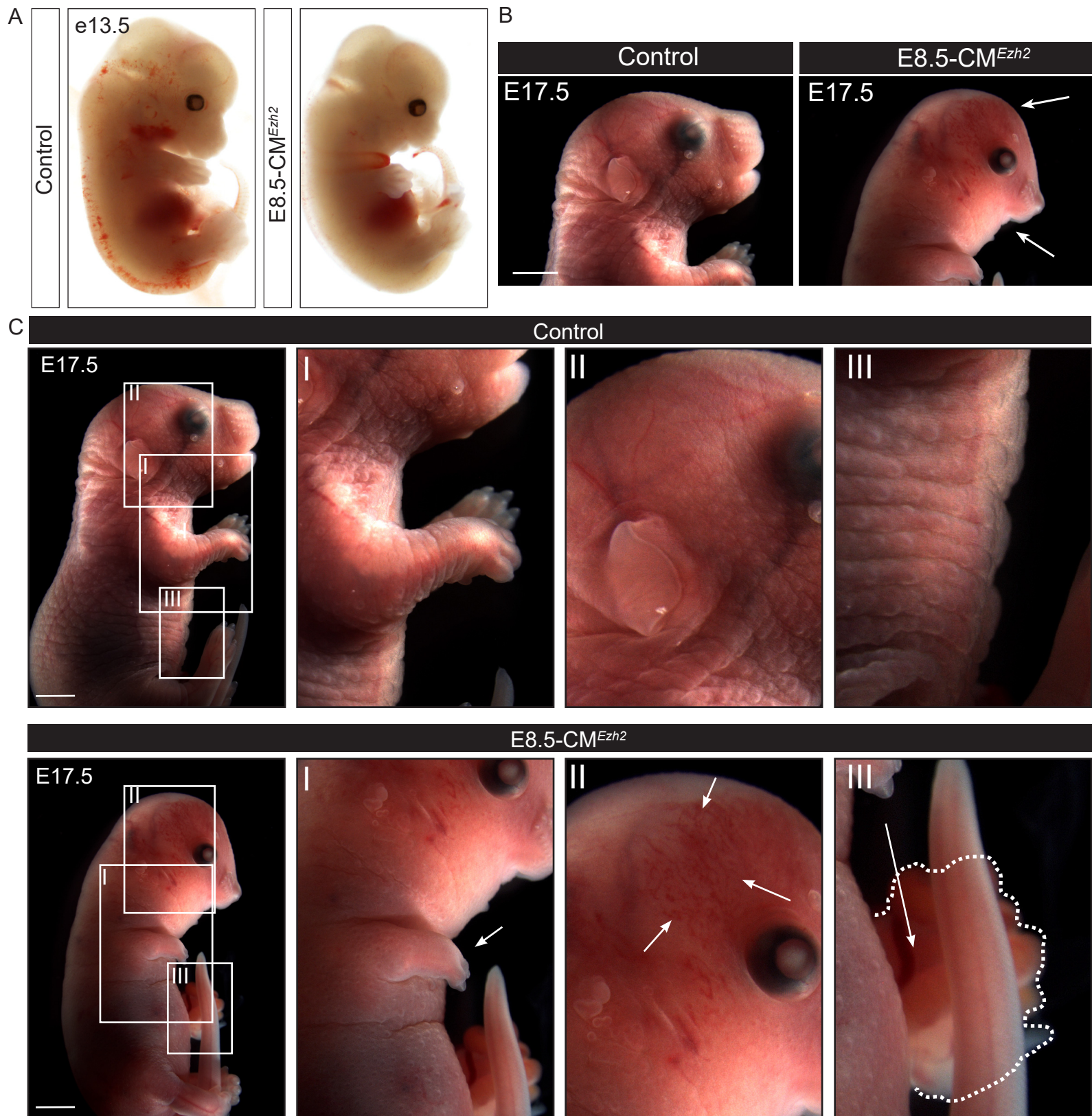


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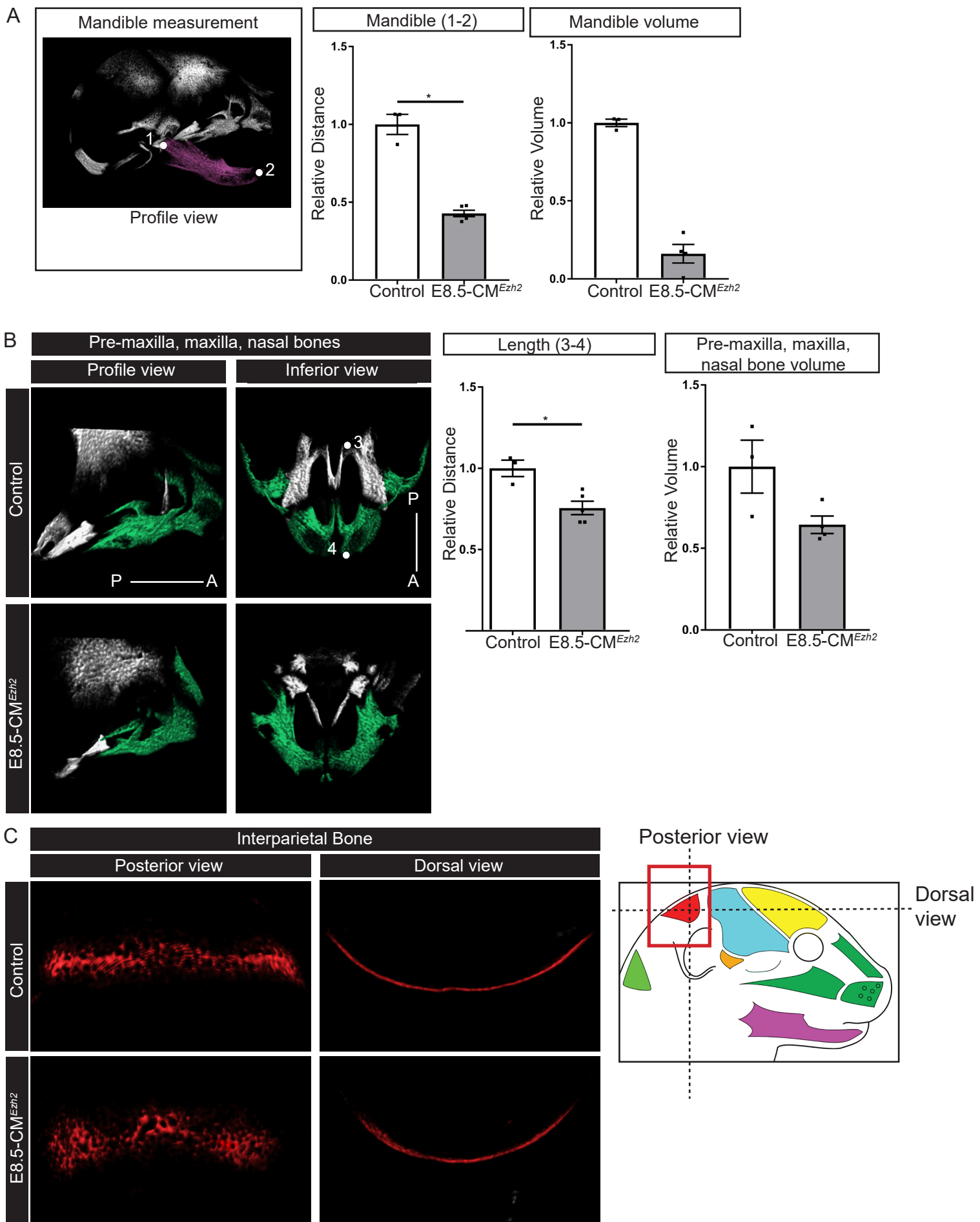


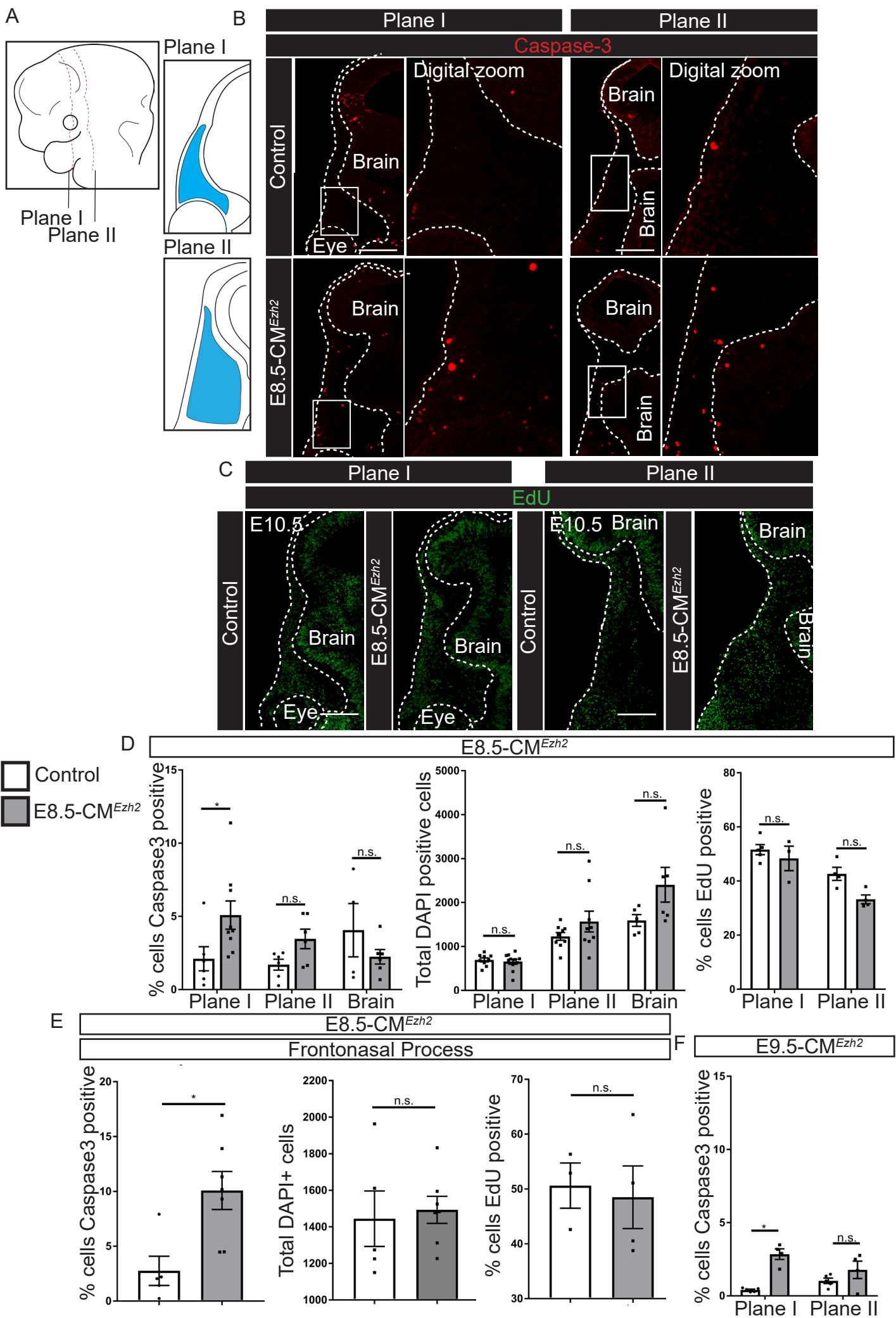
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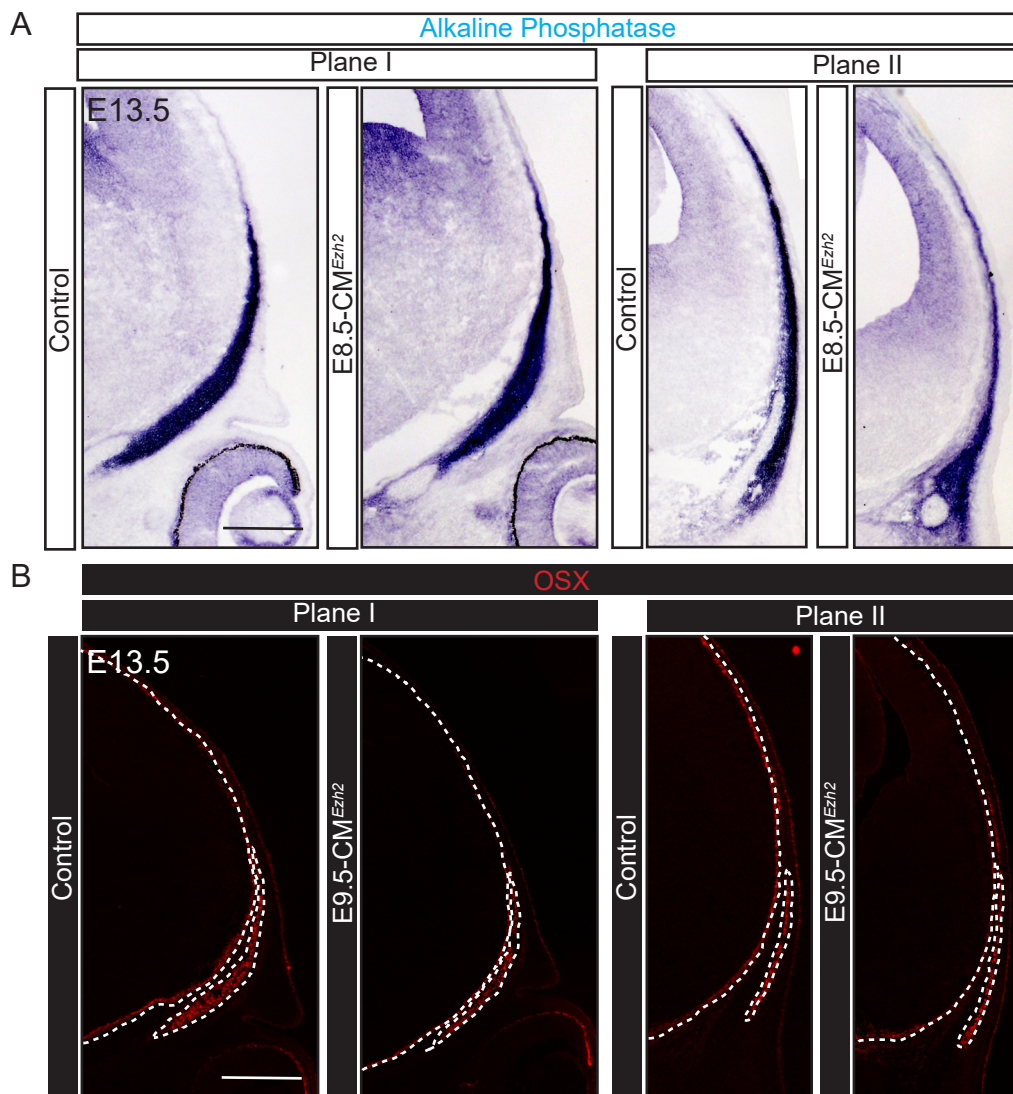


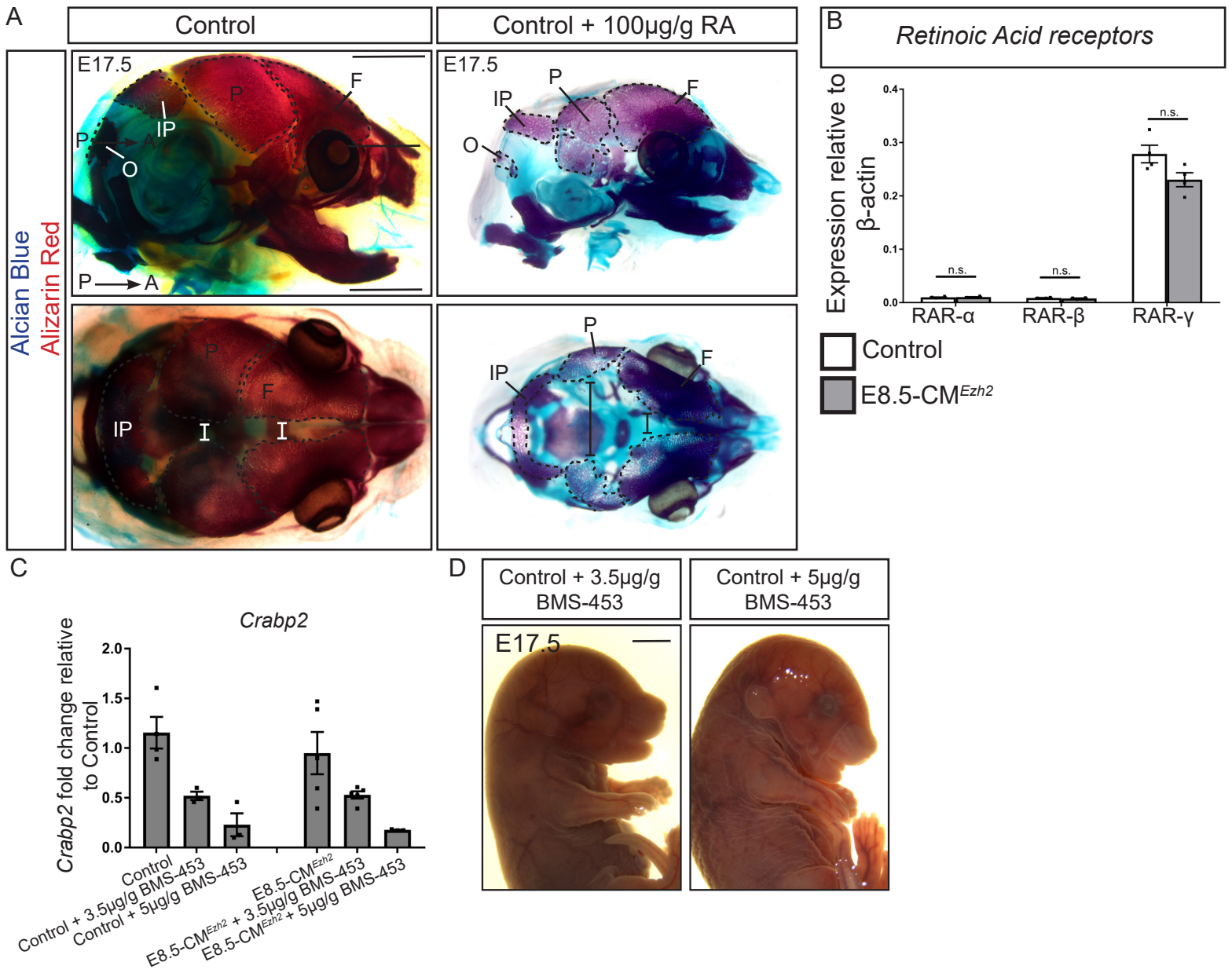


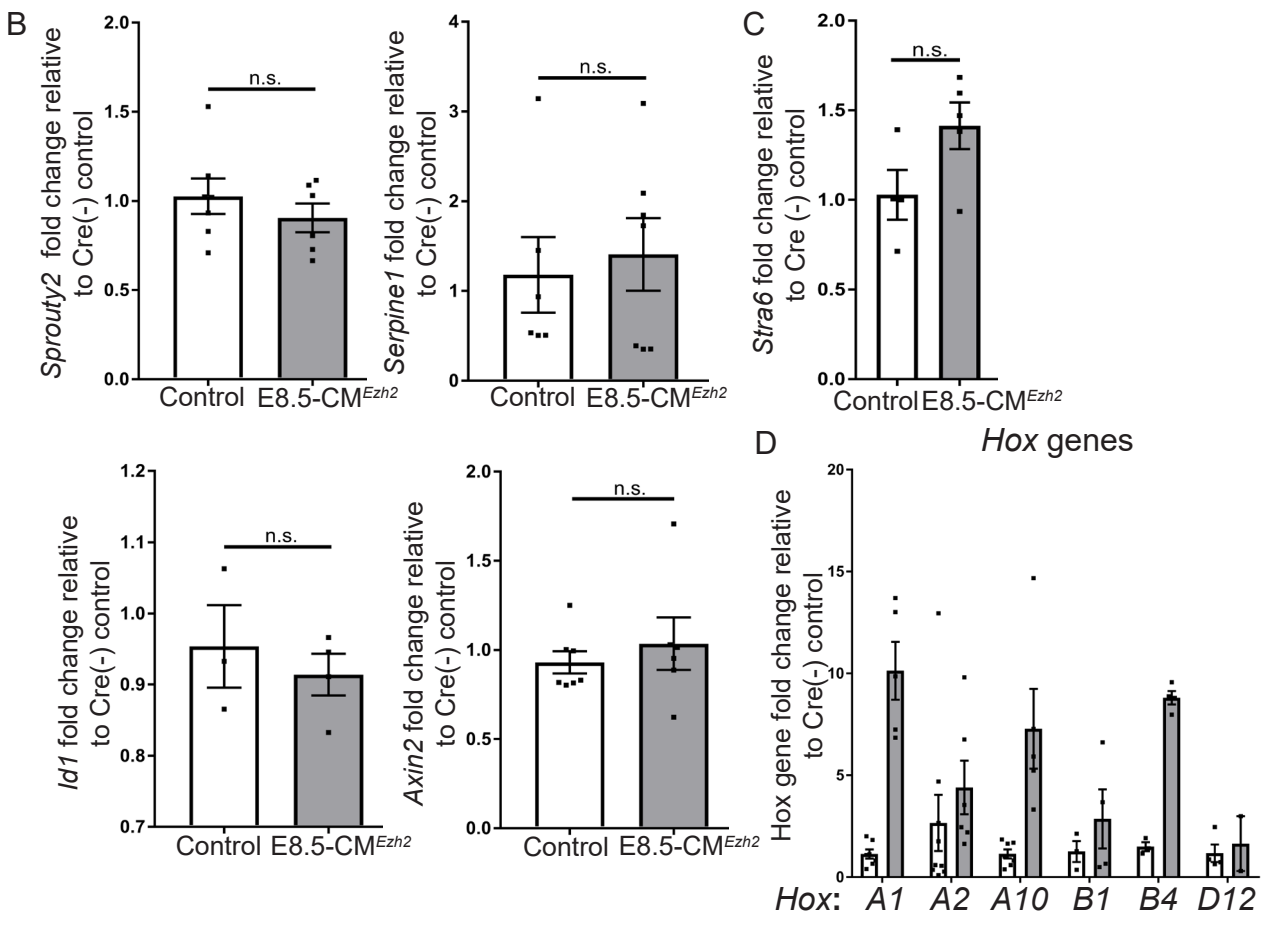
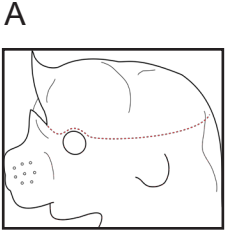












Function	Gene name	Relative expression (in E8.5-CM <i>Ezh2</i> )	probe ID
BMP signaling	<i>Bmp4</i>	0.6074	Mm00432087_m1
	<i>RankL</i>	0.5310	Mm00441906_m1
	<i>Osteopontin</i>	0.4459	Mm00436767_m1
	<i>Id1</i>	-0.0397	Mm00775963_g1
Bone initiation program	<i>Msx1</i>	0.0393	Mm00440330_m1
	<i>Sp7 (Osx)</i>	4.2847	Mm04209856_m1
	<i>Runx2</i>	-0.2593	Mm00501584_m1
Cell cycle	<i>Ccnd1</i>	0.7192	Mm00432359_m1
	<i>Ccne1</i>	0.1078	Mm01266311_m1
	<i>Cdkn1a</i>	0.3668	Mm00432448_m1
	<i>Cdkn2a</i>	638.3289	Mm00494449_m1
	<i>Ccnd2</i>	0.6234	Mm00438070_m1
	<i>Nfkb1</i>	0.1162	Mm01316100_m1
Cell proliferation	<i>Pdgfra</i>	0.1354	Mm00440701_m1
Chondrogenesis	<i>Sox9</i>	-0.6689	Mm00448840_m1
FGF signaling	<i>Gata4</i>	-0.9832	Mm00484689_m1
	<i>Sprouty1</i>	-0.1827	Mm01285700_m1
	<i>Sprouty2</i>	-0.1210	Mm00442344_m1
Hedgehog signaling	<i>Ihh</i>	0.9436	Mm00439613_m1
	<i>Pthrp</i>	1.4601	Mm00436057_m1
	<i>Gli1</i>	0.2224	Mm00494654_m1
	<i>Snai1</i>	-0.3756	Mm00441533_g1
	<i>Hand2</i>	162.0406	Mm00439247_m1
Hox gene	<i>HoxA1</i>	10.0000	Mm00439359_m1
	<i>HoxA2</i>	1.7383	Mm00439361_m1
	<i>HoxA10</i>	11.8114	Mm00433966_m1
	<i>HoxB1</i>	1.6035	Mm00515118_g1
	<i>HoxB4</i>	4.9731	Mm00657964_m1
	<i>HoxC8</i>	190.0000	Mm00439369_m1
	<i>HoxD12</i>	0.4712	Mm01962622_s1
HoxC8 target	<i>Emb</i>	0.7458	Mm00515881_m1
PRC2 component	<i>Eed</i>	-0.1474	Mm00469660_m1
	<i>Ezh1</i>	-0.4302	Mm01292494_g1
	<i>Ezh2</i>	-0.8898	Mm00468460_m1
	<i>Suz12</i>	0.0631	Mm01304152_m1
RA signaling	<i>Crabp2</i>	-0.1045	Mm00801693_g1
	<i>Raldh2</i>	0.1947	Mm00501306_m1
	<i>RARα</i>	0.0171	Mm01296312_m1
	<i>RARβ</i>	-0.1353	Mm01319677_m1
	<i>RARγ</i>	-0.1983	Mm00441091_m1
	<i>Stra6</i>	0.3860	Mm00486457_m1
	<i>Cyp26b1</i>	0.2203	Mm00558507_m1
TGFβ signaling	<i>Smad3</i>	-0.1666	Mm01170760_m1
	<i>Serpine1</i>	-0.2272	Mm00435858_m1
Wnt signaling	<i>Axin2</i>	-0.0293	Mm00443610_m1
	<i>Wnt5a</i>	-0.8531	Mm00437347_m1
	<i>Twist1</i>	-0.0075	Mm00442036_m1
	<i>Twist2</i>	0.8524	Mm00492147_m1

Downregulated

Upregulated