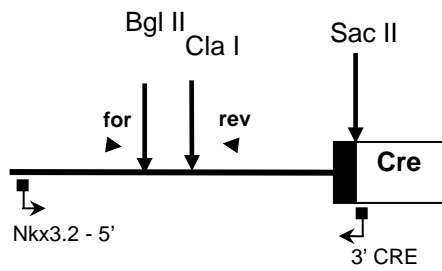
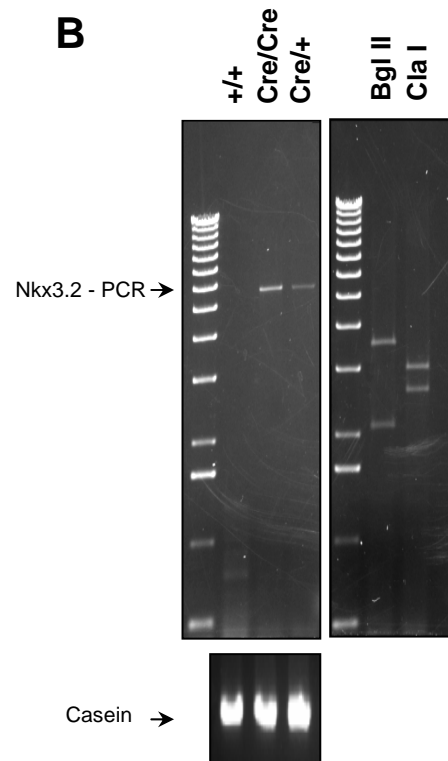
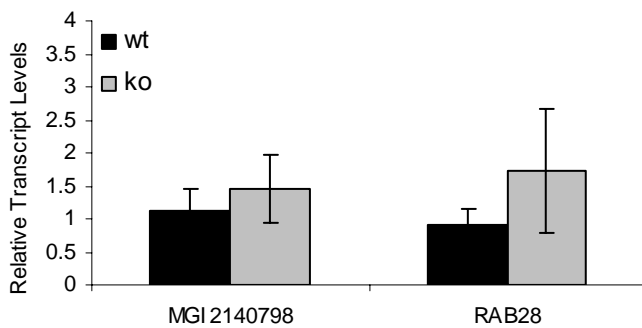
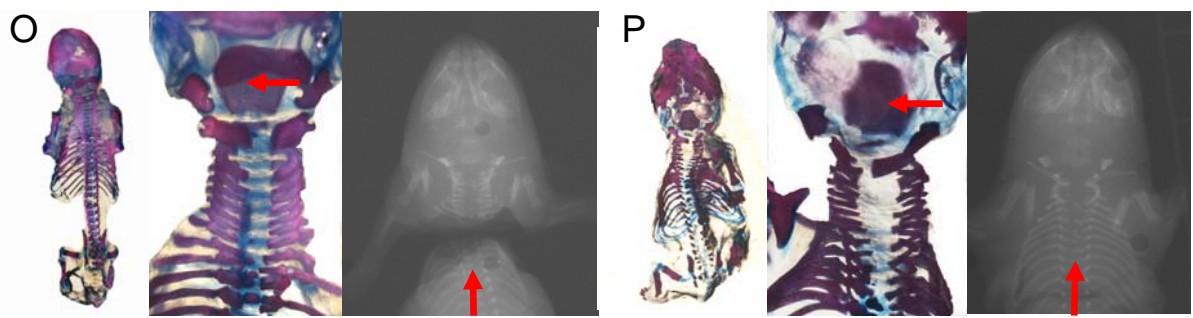
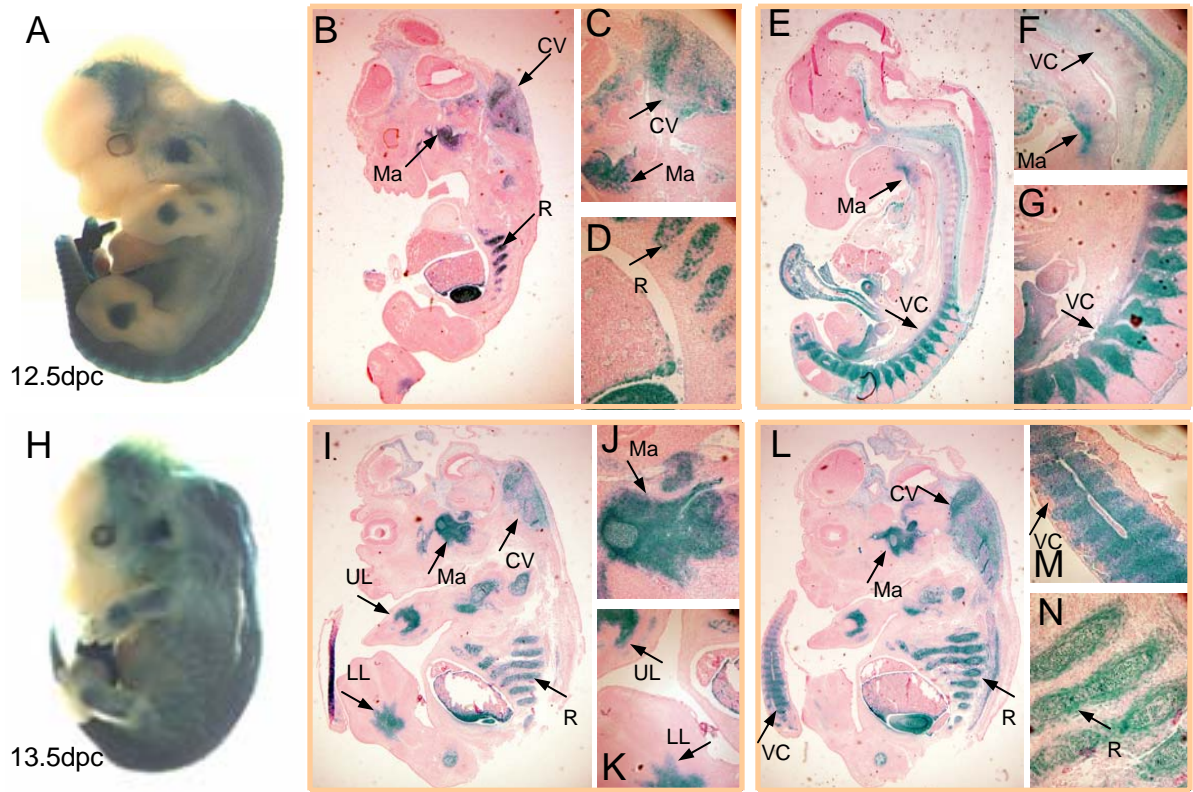
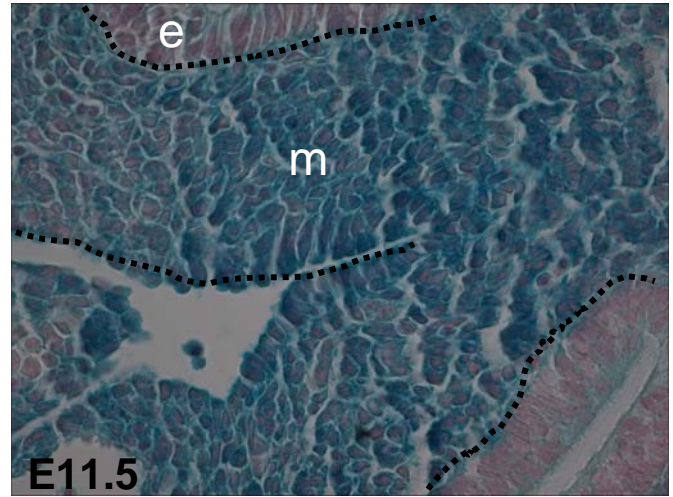
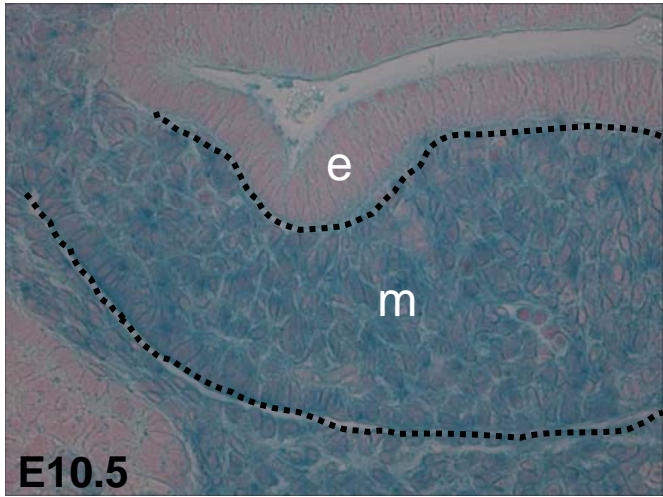


A**B****C**

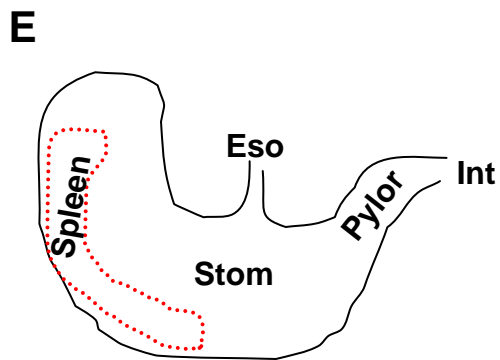
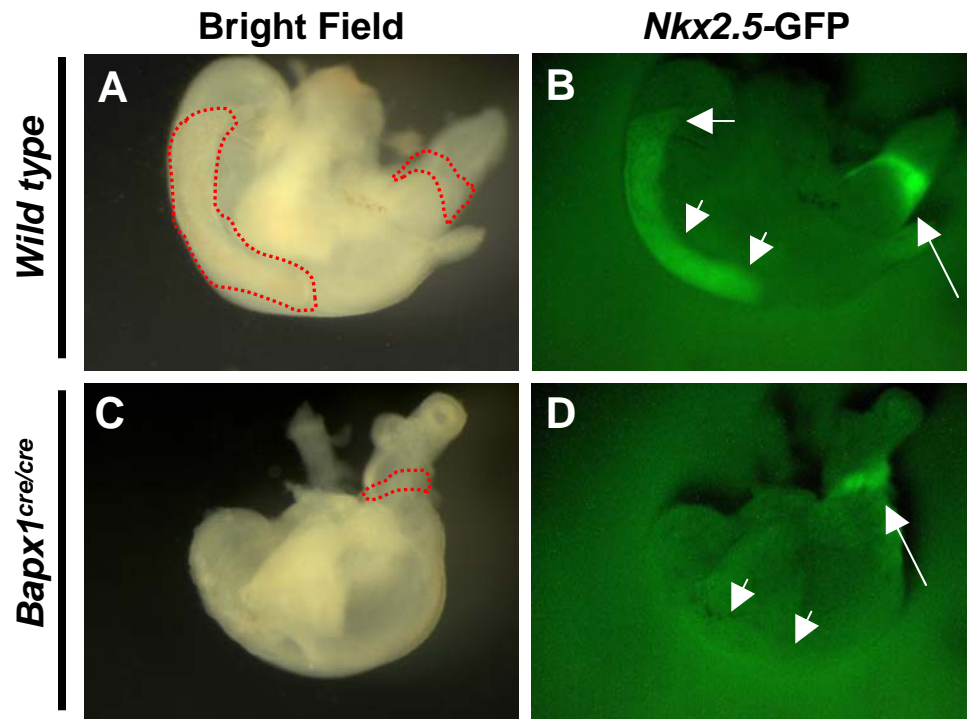


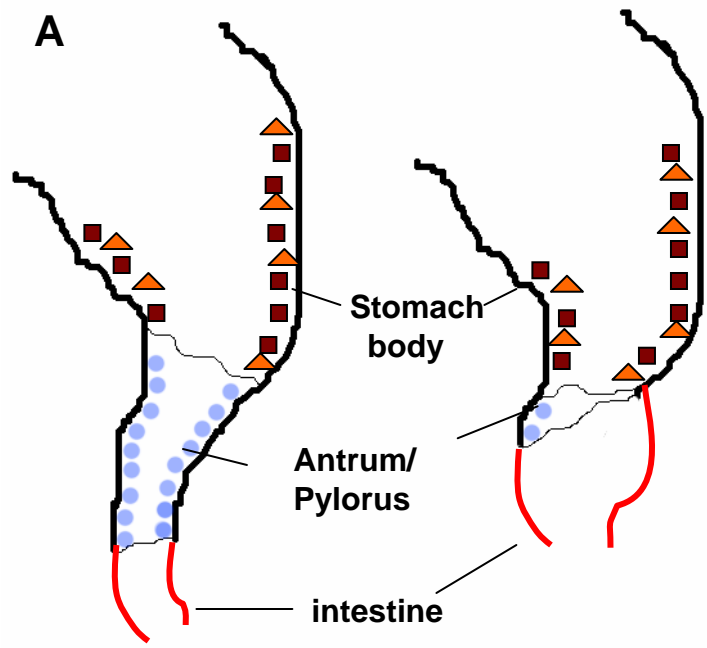
Wild type

Bapx1cre/cre



Supplemental Figure 3

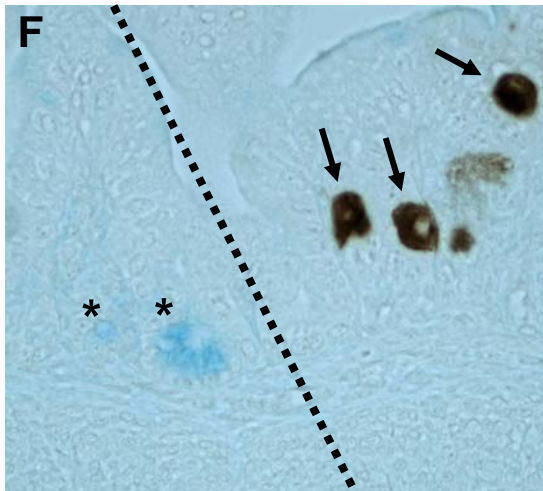




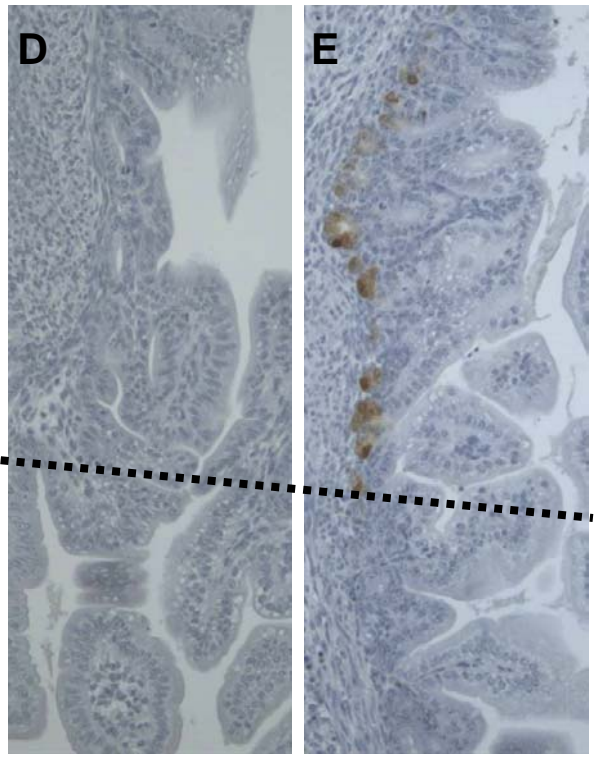
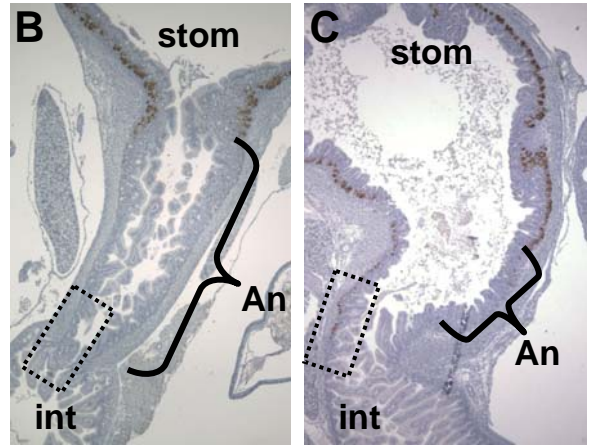
Wild type

Bapx1^{cre/cre}

- H/K-ATPase
- Intrinsic Factor
- Alcian Blue
- Stomach
- Intestine

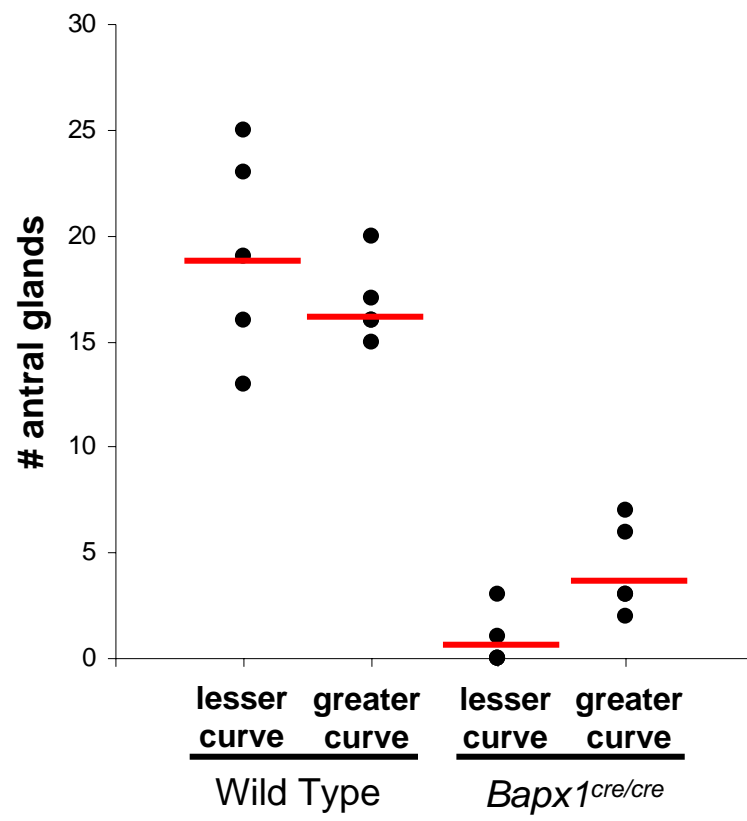
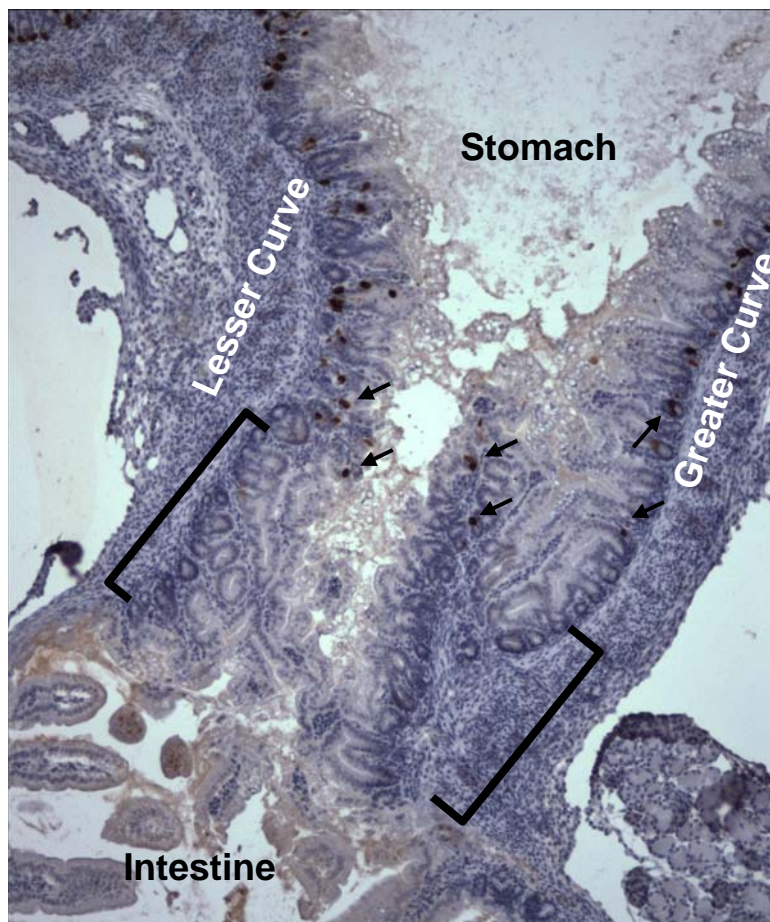


Intrinsic Factor



Wild type

Bapx1^{cre/cre}

A**B**

A

ACCN#	Symbol	Fold change: (log ₂)	Name
NM_007423.2	Afp	2.82	alpha fetoprotein (Afp)
NM_009654.1	Alb1	5.80	Albumin 1
BC015262.1	H/K-ATPase	2.81	ATPase, H+/K+ transporting, alpha polypeptide
NM_007526.1	Barx1	1.06	BarH-like homeobox 1 (Barx1)
NM_009883.1	Cebpb	-1.21	CCAAT/enhancer binding protein (C/EBP), beta (Cebpb)
NM_010196.1	Fga	3.52	Fibrinogen, alpha polypeptide
NM_181849.1	Fgb	3.58	Fibrinogen, B beta polypeptide
NM_133862.1	Fgg	3.80	Fibrinogen, gamma polypeptide
NM_008118.2	Gif	3.32	Gastric intrinsic factor (Gif)
NM_181729.1	Muc6	-1.90	Mucin 6, Gastric (Muc6)
BQ560729.1	Ptch1	-1.21	Patched homolog 1
NM_011448.2	Sox9	-1.35	SRY-box containing gene 9 (Sox9)
AW047257.1	Wnt4	1.37	Wingless-related MMTV integration site 4

B

Tissue	DE Genes	% Up	Upregulated GO Groups (p<0.005)	Downregulated GO Groups (p<0.005)
PS	449	43%	Blood Coagulation Epithelial to Mesenchymal Transition Fibrinogen complex Regulation of Blood Pressure Hemoglobin Binding Humoral Immune Response Polysaccharide Binding Regulation of Endocytosis	Smad Binding Protein-nucleus Import, Translocation Vesicle Membrane