	ZFIN ID: ZD	B-PUB-050209-2		<u></u>	Jpdated:	Mar 1,2005	
Publication Kane, D.A., McFarland, K.N., and Warga, R.M. (2005) Mutations in half baked/E-cadherin block cell behaviors that are necessary for teleost epiboly Development							
,	Attribute Gene:	Submit Attribu	te Feature	: 1	Subn	nit	
ZF	IN Feature Builder - over	view:			_		
	Fea Name/Allele Designati	ture Type: Feature	type list	Submit		Point Insertional Construct Insertional Allele Translocation Inversion Deficiency Gene Family Special Feature Unknown	t
ZFIN Feature Relationships:							
	Feature	Туре	Relati	onship	Targ	get Feature	
	Add Feature Names		alid relation	e of selected feature)	Featu	re Names	
	m134	point	is_al	lele_of		оер	
Create New Genotype in ZFIN: Genotype Handle: Submit							
Add Background: Feature list WT Backgrounds							
Handle Feature Zygosity Add Define Genotype: Handle list ▼ Features in genotype ▼ Zygosity ▼ Zygosity ▼							
	Genotypes Available for Genotype Handle		Feature(s	s) Zygosity		Background	
	MZm134;AB	oep ^{m134/m134}	m134	Matemal Zygo	otic	АВ	X
	m134Mat/MZb16;AB/WIK	oep ^{m134/+} ;cyc ^{b16/b16}	m134 b16	Matemal Matemal Zygo	otic	AB / WIK	X

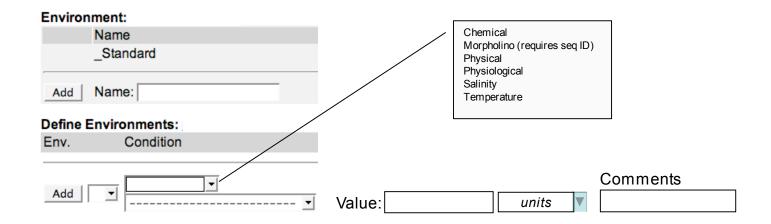


Figure Caption or Text Description:

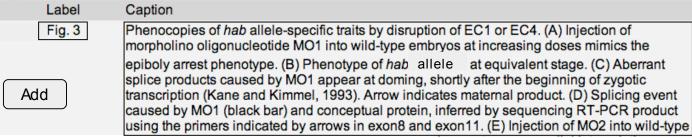
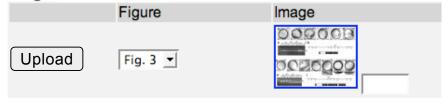
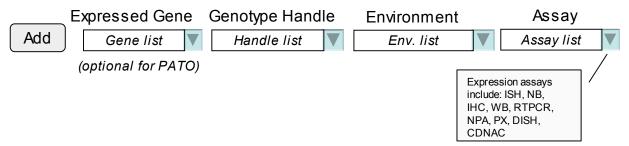


Image:



Define Experiment:



Experiments Available for Curation:

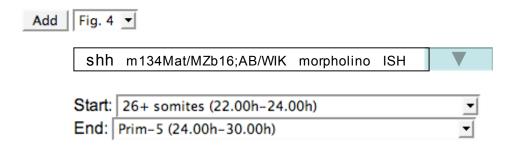
Expressed Gene	Genotype Handle	Environment	Assay	_
	MZm134;AB	standard	Alcian staining	X
shh	m134Mat/MZb16;AB/WIK	morpholino	ISH	X

After defining all Experiments, the curator can go to either a Gene Expression or Phenotype annotation panel.

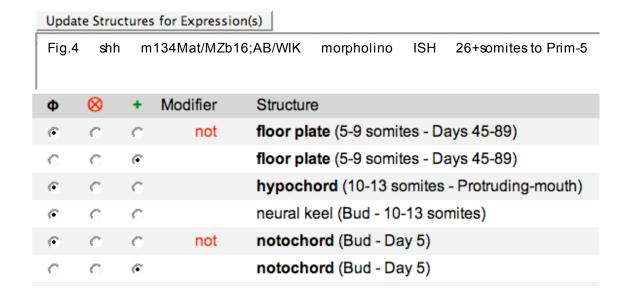
ZFIN Gene Expression (FX) Curation - overview:

An Expression record is created by selecting a Figure, Experiment, and Developmental Stage range.

The Experiment list must contain only those defined experiments where an Expressed Gene has been specified.



The curator associates Anatomical Structures with Expression records, selecting from a list of AO terms that have been compiled specifically for this publication:



Phenotype Annotation:

(To reduce clutter below, we have omitted a Qualifier column, a second Stage column, and any additional Entities and Measurements)

Select from a list of all previously defined Experiments.

Example 1

From the Experiment list, I select:

-- MZm134;AB standard Alcian staining

(no Expressed Gene is specified in this Expreriment)

	Figure Stage:		Entity:	Attribute:	Context:	
Add	Add Fig. list				from context ontology 🔻	
					•	
			niene entetien	(()		
	3	Prim-5	pigmentation	spotted	recessive	
	4	Day 4	floor plate	malformed	recessive X	

Example 2

From the Experiment list, I select:

shh m134Mat/MZb16;AB/WIK morpholino ISH

Because an Expressed Gene is specified in this Experiment, it is assumed that an alteration in its expression pattern is being described, thus the Entity is pre-filled with "expression pattern" and can not be modified:

	Figure	Stage:	Entity:	Attribute:	Context:
Add Fig. list		•	expression pattern		from context ontology
	3	Prim-5	expression pattern	ectopic	X
	4	Day4	expression pattern	intense	X