

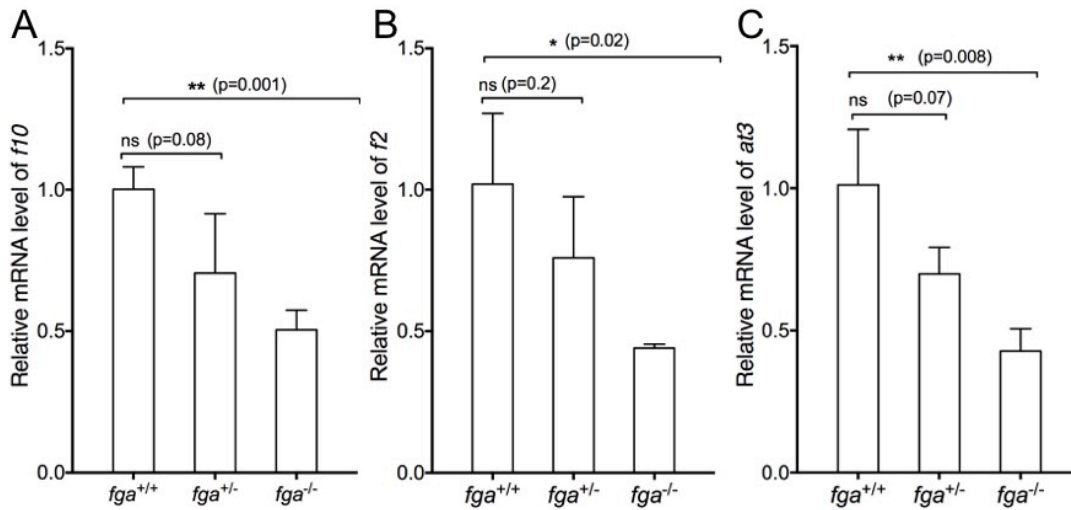
## SUPPLEMENTAL DATA

**Table S1. Comprehensive list of primers**

Name	Forward 5'→3'	Reverse 5'→3'
<b>Genotyping</b>		
<i>fga</i> 5', 3'	aatggcctatgtggcagac	ccagtcacatcggtaca
<i>nfe2</i> 5', 3'	ggttctccagaatgcttc	ctgtttgattgtcctgtagagtg
<b>qPCR</b>		
<i>18s</i>	tcgctagttggcatcgttatg	cggaggtcgaagacgatca
<i>f2</i>	aggaagctcgagaagtgttg	ccctctgtagtcgcacatattc
<i>f10</i>	caagggtcaagggtctaca	cttctccacacctcacagaaa
<i>at3</i>	actgtctatggagccaagtg	tgggtgtggtctctatggaac
<i>fga</i>	gttactcaaagaccacctcac	ggatgtcgggcatatcttcttc
<b>Site directed mutagenesis of zebrafish <i>fga</i></b>		
hM1V	aaaaacctgcaggggctggaggtgaagttc	aaaaacctgcaggatgacaggtctgatcttc
hC55G	agaatggccaggggtaccgatgatgactgg	ccagtcacatcggtacccccctggccattct
hC64Y	atgactggggaagcaaatatccatctggctgc	gcagccagatggatatttgcctccccagtc
hY809C	ggtggaggggtggtggtgaataactgccagtc	gactggcagttattacaccaccacctccacc

**Table S2. Expression vectors**

Backbone	Description
<i>pubi-p2A-EGFP</i>	<i>zfga_p2A-EGFP</i>
<i>pubi-p2A-EGFP</i>	<i>zfga_hM1V</i>
<i>pubi-p2A-EGFP</i>	<i>zfga_hC55G</i>
<i>pubi-p2A-EGFP</i>	<i>zfga_hC64Y</i>
<i>pubi-p2A-EGFP</i>	<i>zfga_hY809C</i>



**Figure S1: Transcription of coagulation cascade factors were significantly reduced in *fga* mutants, as determined by qPCR.** (A-C) Substantial down-regulation of coagulation cascade factors *f10* (A), *f2* (B) and *at3* (C) was recorded in *fga*<sup>-/-</sup> mutants when compared with their *fga*<sup>+/+</sup> and *fga*<sup>+/-</sup> siblings ( $p < 0.05$ ). No significant change in expression was recorded between *fga*<sup>+/+</sup> and *fga*<sup>+/-</sup> siblings. Unpaired two-tailed Student *t* test.