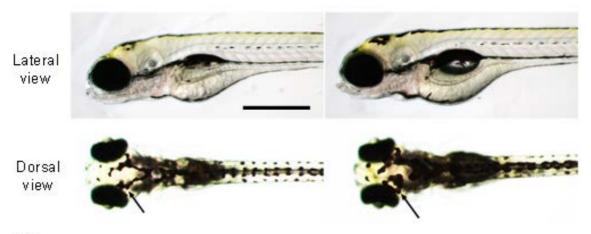






VBA-



B)

Line 2 (uob2122)	Genotype		
Phenotype	Wild type	Heterozygous mutant	Homozygous mutant
VBA+ pale (n = 29)	4	25	0
VBA- dark (n = 48)	0	5	43
Line 3 (uob2123)	Genotype		
Phenotype	Wild type	Heterozygous mutant	Homozygous mutant
VBA+ pale (n = 9)	4	5	0
VBA- dark (n = 10)	0	0	10

Supplementary Figure 2

5 6

7

4

0			
	A)	Wild type	B) Homozygous mutant
9			
10			
11		Supplementary Figure 3	
12			