

Table S1. A constitutively active PKA transgene (*actp>mC) fails to rescue embryonic and larval lethality of *PKA* mutants efficiently**

A

Germline genotype	Eggs (<i>n</i>)	Eggs/ female/day	% Hatched larvae surviving to at least								
			% Hatching		Second instar		Pupae		Adults		Paternal rescue
			-	+	-	+	-	+	-	+	
+/+	934 928	2.7	63	63	>90	>90	>90	>90	>90	>90	
<i>DC0^{H2}/DC0^{H2}</i>	438 566	0.8	0	0							
<i>DC0^{H2}/DC0^{H2}, actp>mC*</i>	2838 3033 3590	0.8	1.1 1.7 0.6	1.6 3.3 1.2	39	83	0	55	0	55	

B

Zygotic genotype	<i>n</i>	% Hatched larvae surviving to at least			
		Second instar	Third instar	Pupae	Adults
<i>DC0^{H2}/Df(2L)γ15</i>	200	0	0	0	0
<i>DC0^{H2}/Df(2L)γ15, actp>mC*</i>	279	12	0	0	0
<i>DC0^{H2}/+, actp>mC*</i>	266	43	21	11	3
<i>actp>mC*/+</i>	130	49	30	17	10