

Table S1. Phenotypes of *dPatj* deletion alleles

Allele/genotype	Phenotype
<i>dPatj^{Δ7}/Df(3L)BSC123</i>	Pupal lethal
<i>dPatj^{Δ13}/Df(3L)BSC123</i>	Pupal lethal
<i>dPatj^{Δ14}/Df(3L)BSC123</i>	Pupal lethal
<i>dPatj^{Δ7}/dPatj^{Δ7}</i>	Embryonic lethal
<i>dPatj^{Δ7}/dPatj^{Δ13}</i>	Pupal lethal
<i>dPatj^{Δ7}/dPatj^{Δ14}</i>	First instar lethal
<i>dPatj^{Δ13}/dPatj^{Δ13}</i>	Second instar lethal
<i>dPatj^{Δ13}/dPatj^{Δ14}</i>	Pupal lethal
<i>dPatj^{Δ14}/dPatj^{Δ14}</i>	Embryonic lethal
<i>dPatj^{Δ7} VK20-dPatj-L/dPatj^{Δ7}</i>	Viable
<i>dPatj^{Δ7} VK20-dPatj-L/dPatj^{Δ13}</i>	Viable
<i>dPatj^{Δ7} VK20-dPatj-L/Df(3L)BS123</i>	Viable
<i>dPatj^{Δ7} VK20-dPatj::GFP-S/dPatj^{Δ7}</i>	Viable
<i>dPatj^{Δ7} VK20-dPatj::GFP-S/dPatj^{Δ13}</i>	Viable
<i>dPatj^{Δ7} VK20-dPatj::GFP-S/Df(3L)BS123</i>	Viable
<i>dPatj^{Δ7GLC}/dPatj^{Δ7}</i>	Embryonic lethal
<i>dPatj^{Δ7GLC}/dPatj^{Δ13}</i>	Pupal lethal
<i>dPatj^{Δ7GLC}/Df(3L)BSC123</i>	Pupal lethal
<i>dPatj^{Δ7GLC}/dPatj^{Δ7} VK20-dPatj-L</i>	Viable
<i>Df(3L)BSC123 crb^{ko}/dPatj^{Δ7}*</i>	Pupal lethal
<i>dPatj^{Δ7} crb^{ko}/dPatj^{Δ13}*</i>	Pupal lethal

**crb^{ko}* is a null allele of *crb* generated by gene targeting (Huang et al., 2009).