

Antiviral response	Virus	Developmental stage	Infection mode	Evidence	References
RNA interference	DCV, FHV, SINV, CrPV, DXV, VSV, IIV6	adult	injection	<ul style="list-style-type: none"> - Viral accumulation and fly survival in mutants - vsiRNA accumulation - RNAi viral suppressors 	(Galiana-Arnoux et al., 2006, van Rij et al., 2006, Wang et al., 2006, Zambon et al., 2006, Mueller et al., 2010, Bronkhorst et al., 2012)
Jak-STAT	DCV, CrPV	adult	intrathoracic injection	<ul style="list-style-type: none"> - Transcriptional induction - Viral accumulation and fly survival in <i>hopscotch</i> mutant 	(Dostert et al., 2005, Kemp et al., 2013)
	DCV	adult	intrathoracic injection	<ul style="list-style-type: none"> - Transcriptional induction, - Fly survival in <i>G9a</i> mutant (negative regulator of JAK-STAT) 	(Merklings et al., 2015a)
	SINV	adult	intrathoracic injection, fly line expressing SINV replicon	<ul style="list-style-type: none"> - Transcriptional induction - Viral accumulation in <i>AttC</i> knockdown flies 	(Avadhanula et al., 2009, Huang et al., 2013)
IMD	SINV	adult	intrathoracic injection, fly line expressing SINV replicon	<ul style="list-style-type: none"> - Transcriptional induction - Viral accumulation in <i>Relish</i> and in <i>DptB</i> mutant flies 	(Avadhanula et al., 2009, Huang et al., 2013)
	SINV, VSV	adult	intrathoracic injection	<ul style="list-style-type: none"> - Transcriptional induction - Fly survival in <i>Diedel</i> mutant (negative regulator of IMD) 	(Lamiabile et al., 2016b)
	CrPV	adult	abdominal injection	<ul style="list-style-type: none"> - Viral accumulation and fly survival in mutants 	(Costa et al., 2009)
	DCV, SINV	adult	oral	<ul style="list-style-type: none"> - Viral RNA accumulation in mutant fly intestines 	(Sansone et al., 2015)
Toll	DXV	adult	injection	<ul style="list-style-type: none"> - Transcriptional induction, mutants - Viral accumulation and fly survival in <i>Dif</i> mutant 	(Zambon et al., 2005)
	DCV, CrPV, FHV, Nora virus	adult	oral	<ul style="list-style-type: none"> - Viral RNA accumulation and fly survival in mutants 	(Ferreira et al., 2014)
Phagocytosis	CrPV	adult larva	abdominal injection	<ul style="list-style-type: none"> - Survival in phagocytosis inhibited flies - Haemocytes depletion during infection 	(Costa et al., 2009)
	CrPV, FHV, VSV	adult	intrathoracic injection	<ul style="list-style-type: none"> - Survival and viral RNA accumulation in phagocytosis inhibited flies - Survival and viral RNA accumulation in <i>hemoless</i> mutant 	(Lamiabile et al., 2016a)
Apoptosis	FHV	adult	intrathoracic injection	<ul style="list-style-type: none"> - Transcriptional and protein induction - Viral accumulation and fly survival in mutants 	(Liu et al., 2013)
	DCV	adult	abdominal injection	<ul style="list-style-type: none"> - Survival in phagocytosis inhibited flies - Caspase activation in infected flies - Survival and viral accumulation in engulfment receptors mutants 	(Nainu et al., 2015)

Autophagy	VSV, RVFV	adult	abdominal injection	- Survival and viral accumulation in mutants	(Shelly et al., 2009) (Moy et al., 2014)
	VSV	adult	intrathoracic injection	- Survival and viral accumulation in mutants	(Lamiable et al., 2016a)
Vago	DCV	adult	intrathoracic injection	- Transcriptional induction Viral accumulation in fat body of <i>Vago</i> mutants	(Deddouche et al., 2008)
Heat-shock	DCV, CrPV	adult	intrathoracic injection	- Transcriptional induction Viral accumulation and fly survival in mutants	(Merkling et al., 2015b)
<i>pastrel</i> <i>Ubc-E2H</i>	DCV, CrPV	adult	injection, intrathoracic pricking	- Knockdown of polymorphisms result in reduced fly survival	(Magwire et al., 2012, Martins et al., 2014)
dFOXO	CrPV, FHV	adult	injection	- Survival in <i>dFOXO</i> null mutant flies	(Spellberg and Marr, 2015)
Gut microbiota	DCV, VSV	adult	oral	- Viral accumulation in intestines of axenic flies	(Sansone et al., 2015)
<i>Wolbachia</i>	DCV, CrPV, FHV	adult	injection	- Survival in <i>Wolbachia</i> free flies	(Hedges et al., 2008)
	DCV, FHV, Nora virus	adult	intrathoracic injection	- Survival and viral accumulation in <i>Wolbachia</i> free flies	(Teixeira et al., 2008)
	DCV	adult larva	oral	- Survival in <i>Wolbachia</i> free flies	(Ferreira et al., 2014) (Stevanovic et al., 2015)
	SINV	adult	intrathoracic injection	- <i>Wolbachia</i> increases the expression of the <i>Mt2</i> host gene -Viral and RNA accumulation in <i>Mt2</i> loss-of-function mutant flies and in flies overexpressing <i>Mt2</i>	(Bhattacharya et al., 2017)

Table 1: Antiviral responses and modes of infection in *Drosophila*.