

1. Phenotypes induced by DUBs silencing in the whole larval fat body.

	Gene Identifier	Symbol	Closest Human DUB	VDRC ID	Strongest phenotype		
					Larval Death	Pupal Death	Autophagic cells
<b>USPs</b>	CG15817		USP1	41605			2.85%
	CG14619		USP2				2.22%
	CG12082		USP5	17567		✓	3.085%
	CG1490	USP7	USP7	18281			1.565%
	CG5798	UBPY	USP8	8931		✓	53.705%
	CG1945	faf	USP9X	2955			4.595%
	CG32479		USP10	37858	✓		
	CG7023	USP12	USP12	27799		✓	69.56%
	CG5384		USP14	27405			1.945%
	CG8494		USP20	28910			1%
	CG4166	Not	USP22	45775	✓		
	CG3016		USP30	7090			2.39%
	CG30421		USP31	33726			2.495%
	CG8334		USP32	18981			26.925%
	CG5794		USP34	27517			15.81%
	CG8830		USP38	28960	✓		
	CG7288		USP39	47664			8.145%
	CG4165		USP45	41976			85.585%
	CG5486	Ubp64E	USP47	26027			4.49%
	CG2904	ec	USP54	26027			0.96%
CG5603	CYLD	CYLD	15340			5.26%	
<b>UCHs</b>	CG8445	Calypso	BAP1	107757			2.78%
	CG4265	Uch	UCHL3	26468			0%
	CG3431	Uch-L3	UCHL5	34617			65.655%