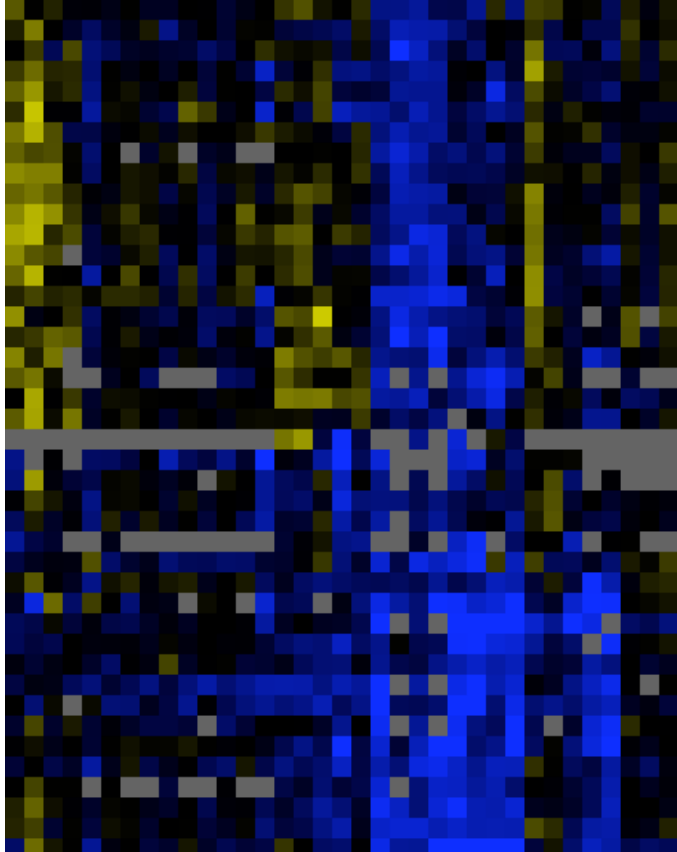


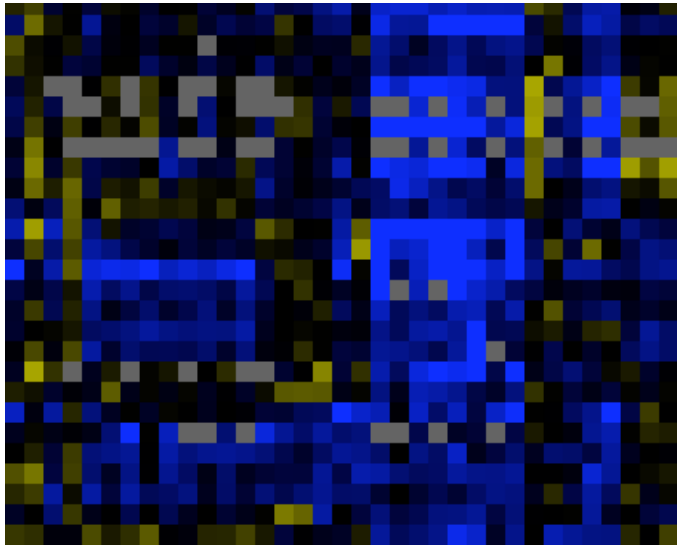
**Table S8 Genes downregulated in TD cells**

TD vs. D(wg)/V(wg)

069\_1<sup>st</sup>\_leg vs. reference  
 131\_1<sup>st</sup>\_leg vs. reference  
 085\_1<sup>st</sup>\_leg vs. reference  
 AK93\_1<sup>st</sup>\_leg vs. reference  
 251\_wing vs. leg  
 256\_wing vs. leg  
 059\_wing vs. leg  
 249\_wing vs. leg  
 255\_wing vs. leg  
 062\_wing vs. leg  
 248\_wing vs. leg  
 254\_wing vs. leg  
 064\_wing vs. leg  
 069\_leg(wg+) vs. reference  
 067\_leg(wg+) vs. reference  
 159\_leg(wg+) vs. reference  
 049\_leg(wg+) vs. reference  
 065\_leg(wg+) vs. reference  
 078\_leg(wg+) vs. reference  
 041\_TD vs. D(wg)  
 210\_TD vs. D(wg)  
 047\_TD vs. D(wg)  
 044\_TD vs. V(wg)  
 204\_TD vs. V(wg)  
 035\_TD vs. V(wg)  
 050\_TD vs. V(wg)  
 226\_TD vs. V(wg)  
 046\_D(wg) vs. V(wg)  
 048\_D(wg) vs. V(wg)  
 218\_D(wg) vs. V(wg)  
 017\_TD vs. D(wt)  
 008\_TD vs. D(wt)  
 018\_D(wt) vs. V(wt)  
 020\_D(wt) vs. V(wt)  
 059\_D(wt) vs. V(wt)

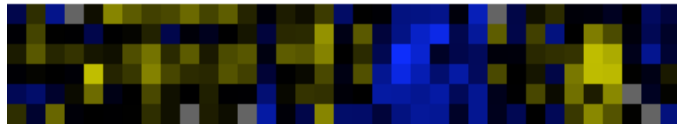


CG Number	Function
<b>V.</b>	
CG10236	LanA; structural molecule activity
CG12070	Sap-r; lipid metabolism; lipid transport; transport
CG4722	bib; carrier activity; binding; water channel activity
CG10460	cer; cysteine protease inhibitor activity
CG3379	His4r; DNA binding
CG6770	CG6770
CG1775	Med; DNA binding; RNA polymerase II transcription factor activity
CG11739	CG11739; tricarboxylate carrier activity
CG5009	CG5009; palmitoyl-CoA oxidase activity
CG10366	CG10366; transcription regulator activity
CG10800	Rca1; eye-antennal disc metamorphosis; regulation of mitosis; structural constituent of cytoskeleton
CG6975	gig; small GTPase regulatory/interacting protein activity; kinase binding
CG8251	Pgi; phosphogluconate dehydrogenase (decarboxylating) activity; glucose-6-phosphate isomerase activity
CG5189	CG5189
CG17323	CG17323; glucuronosyltransferase activity
CG2060	Cyp4e2; electron transporter activity; oxidoreductase activity
CG8694	LvpD; alpha-glucosidase activity
CG1827	CG1827; N4-(beta-N-acetylglucosaminy)-L-asparaginase activity
CG30195	CG30195 = new ID in v4, CG13513; CG30195
CG8788	/
CG7834	CG7834; electron carrier activity; oxidoreductase activity
CG10717	ImpL1
CG4432	PGRP-LC; peptidoglycan receptor activity;; pattern recognition receptor activity; peptidoglycan binding
CG14855	CG14855; organic cation porter activity; GO:0008513; carbohydrate transporter activity
CG2852	CG2852; peptidyl-prolyl cis-trans isomerase activity
CG6287	CG6287; phosphoglycerate dehydrogenase activity
CG14904	Scp2; calcium ion binding; GTPase activity
CG5799	dve; AT DNA binding; transcription factor activity
CG17919	CG17919; kinase inhibitor activity; phosphatidylethanolamine binding
CG12268	CG12268; oxidoreductase activity
CG15786	CG15786
CG11143	Inos; inositol-3-phosphate synthase activity; phosphorus-oxygen lyase activity
CG5165	Pgm; phosphoglucomutase activity;
CG3649	CG3649; high affinity inorganic phosphate:sodium symporter activity
CG3837	CG3837; insulin-like growth factor receptor activity
CG11550	CG11550
CG11899	CG11899; phosphoserine transaminase activity
CG2171	Tpi; triose-phosphate isomerase activity; intramolecular transferase activity
CG15630	CG15630; CG15630
CG31075	CG31075 = new ID in v4, CG6309; CG31075, aldehyde dehydrogenase (NAD) activity
CG6058	Ald; fructose-bisphosphate aldolase activity



<b>CG9914</b>	CG9914: structural molecule activity; ; GO:0005198; oxidoreductase activity
<b>CG5390</b>	CG5390: NOT serine-type endopeptidase activity
<b>CG9027</b>	CG9027: superoxide dismutase activity
<b>CG10663</b>	CG10663: trypsin activity; serine-type endopeptidase activity
<b>CG3743</b>	MTF-1: transcription factor activity; specific RNA polymerase II transcription factor activity
<b>CG17052</b>	CG17052: structural constituent of peritrophic membrane (sensu Insecta);
<b>CG15676</b>	CG15676: chaperone binding
<b>CG9656</b>	qrn: RNA polymerase II transcription factor activity; general RNA polymerase II transcription factor activity
<b>CG5273</b>	CG5273
<b>CG6871</b>	Cat: heme binding; antioxidant activity; catalase activity; peroxidase activity
<b>CG16733</b>	CG16733: aryl sulfotransferase activity; retinol dehydratase activity
<b>CG6206</b>	CG6206: hydrolase activity, hydrolyzing N-glycosyl compound; alpha-mannosidase activity
<b>CG2056</b>	CG2056: trypsin activity; GO:0004295 ; EC: 3.4.21.4; serine-type endopeptidase activity
<b>CG7231</b>	CG7231
<b>CG7675</b>	CG7675: oxidoreductase activity, acting on CH-OH group of donors
<b>CG1916</b>	Wnt2: receptor bindin; signal transducer activity
<b>CG9614</b>	pip: heparin-sulfate 2-sulfotransferase activity; sulfotransferase activity
<b>CG6117</b>	Pka-C3: receptor signaling protein serine/threonine kinase activity; cAMP-dependent protein kinase activity
<b>CG9355</b>	dy: structural constituent of cuticle (sensu Insecta)
<b>CG4463</b>	Hsp23: actin binding;
<b>CG32150</b>	CG32150 = new ID in v4, CG15714; CG32150
<b>CG15085</b>	edl: protein binding; Ras signaling pathway;
<b>CG8361</b>	HLHm7: specific RNA polymerase II transcription factor activity; transcription factor activity
<b>CG8365</b>	E(spl): DNA binding; transcription factor activity
<b>CG6104</b>	m2: Notch signaling pathway
<b>CG6127</b>	Ser: receptor binding; Notch binding; signal transducer activity; epidermal growth factor receptor binding

## VI.



<b>CG4316</b>	Sb: serine-type endopeptidase activity; trypsin activity
<b>CG32940</b>	BcDNA: GH12504/ /
<b>CG3376</b>	CG3376: sphin; Gomyelin phosphodiesterase activity
<b>CG3905</b>	Su(z)2: DNA binding; transcription regulator activity
<b>CG8681</b>	clumsy: kainate selective glutamate receptor activity; ligand-gated ion channel activity
<b>CG5096</b>	CG5096: receptor activity