**Table S7** Genes upregulated in TD cells

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



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	CG14567	
	CG10287	Gasp; chitin binding
	CG9777	/
	CG17108	acetyl-CoA carboxylase activity
	CG11073	/
	CG11527	Tig; binding; extracellular matrix
	CG12840	Tsp42El; receptor signaling protein activity
	CG1572	/
	CG10527	farnesoic acid O-methyltransferase activity
	CG10119	LamC; structural constituent of cytoskeleton
	CG15611	CG15611
	CG5393	apt; RNA binding; RNA polymerase II transcription factor activity
	CG6868	tld; procollagen C-endopeptidase activity; metalloendopeptidase activity
	CG9192	/
	CG10697	Ddc; aromatic-L-amino-acid decarboxylase activity
	CG4319	rpr; apoptosis
	CG15047	/
	CG3199	/
	CG6023	/
	CG1449	zfh2; DNA binding; RNA binding; RNA polymerase II transcription factor activity
	CG10645	lama
	CG13024	/
	CG3598	/
	CG12288	RNA binding; poly(A) binding
	CG11555	/
	CG4806	RNA bindin
	CG17903	Cyt-c-p; electron transporter activity; oxidoreductase activity
	CG10337	/
	CG17914	yellow-b
	CG13692	GTP binding; ARF GTPase activator activity
	CG15279	cation:amino acid symporter activity; neurotransmitter:sodium symporter activity
	CG15484	/
	CG15629	oxidoreductase activity
	CG14879	
	CG14059	
	CG11822	nAcRbeta-21C; nicotinic acetylcholine-activated cation-selective channel activity
	CG3686	aromatic-L-amino acid decarboxylase
	CG5840	pyrroline-5-carboxylate reductase activity

CG4859	Mmp1; metalloendopeptidase activity; structural molecule activity
CG5993	os; receptor binding; morphogen activity; cytokine activity
CG6816	Cyp18a1; electron transporter activity; oxidoreductase activity
CG5831	ATP-dependent RNA helicase activity
CG7722	serine-type endopeptidase inhibitor activity
CG18355	Btk29A; non-membrane spanning protein tyrosine kinase activity
CG3691	Pof; RNA binding
CG3359	mfas; axonogenesis; cell-cell adhesion; ectoderm development; signal transduction
CG17124	protein phosphatase inhibitor activity
CG13780	Pvf2; vascular endothelial growth factor receptor binding
CG3200	Reg-2; wide-spectrum protease inhibitor activity
CG13691	/
CG8394	gamma-aminobutyric acid transporter activity
CG8404	Sox15, ATP binding; tRNA ligase activity; transcription factor activity
CG6044	/
CG17941	ds; signal transducer activity; receptor activity; cell adhesion molecule binding
CG6014	/
CG5518	membrane alanyl aminopeptidase activity
CG7059	phosphoglycerate mutase activity
CG10863	CG10863; aldehyde reductase activity
CG14598	/
CG5272	gnu; molecular function unknown
CG8515	CG8515; structural constituent of cuticle
CG4807	ab; specific RNA polymerase II transcription factor activity
CG7730	//
CG11076	1/
CG4904	Pros35; endopeptidase activity
CG6009	P5cr; pyrroline-5-carboxylate reductase activity
CG7351	calcium-independent phospholipase A2 activity
CG3351	mRpL11; nucleic acid binding; structural constituent of ribosome
CG7296	/
CG8157	/
CG5535	cationic amino acid transporter activity
CG10444	cation transporter activity; sodium-dependent multivitamin transporter activity
CG4482	mol; asymmetric protein localization
CG7670	
CG5575	ken; nucleic acid binding; transcription factor activity; protein binding; zinc ion binding
CG5326	acyltransferase activity
CG1210	Pk61C; receptor signaling protein serine/threonine kinase activity
CG3036	sodium:phosphate symporter activity
CG7367	triacylglycerol lipase activity
CG1443	oxidoreductase activity
CG6906	carbonate dehydratase activity
CG4501	bgm; long-chain-fatty-acid-CoA ligase activity
CG3331	e; beta-alanyl-dopamine synthase activity; ligase activity
CG5468	/
CG8805	wun2; phosphatidate phosphatase activity
CG7294	/
CG8483	defense response
CG8827	Ance; zinc ion binding; peptidyl-dipeptidase activity
CG7850	puc; protein tyrosine phosphatase activity; MAP kinase p
CG15493	<u>//</u>

II.

CG1092 Act 79: structural constituent of cytopic letton; glucuron only transferase activity CG11924 / CG12924 / CG12924 / CG12924 / CG12924 / CG12928 Page; protein binding CG135561 Riswn-inited sulfryority oxidase activity CG13557 Riswn-inited sulfryority oxidase activity CG13537 / CG13538 Page; protein binding CG13538 Page; protein binding CG13539 / CG1983 Page; protein binding CG1983 Page; protein binding CG1983 Page; protein binding CG1983 Page; protein binding CG1993 Page; protein binding CG1994 Page; protein binding CG1995 Page; protein binding CG1995 Page; protein binding CG1996 Page; protein binding CG1997 Page; protein binding	II.	
CG4427 class continued and con	CG16753	/
CG17994 / CG1561 / CG15561 / CG15661 / CG16661	CG10067	Act57B; structural constituent of cytoskeleton; glucuronosyltransferase activity
CG1398 nuclear mRNA splicing, via spliceosome  CG15561 / CG12358 Paip2; protein binding  CG12534 navn inked sulfrydryl oxidase activity  CG18535 / CG5874 RNA binding  CG1859 network of the protein translation release factor activity; translation elongation factor activity  CG1859 network of the protein translation release factor activity; translation elongation factor activity  CG1859 network of the protein translation release factor activity; translation elongation factor activity  CG1950 network of the protein forming channel activity  CG1951 CG1091 (CG1091) network of the protein forming channel activity  CG1091 (CG1097) RNA binding; nucleic acid binding  CG114479 (CG3983) receptor binding; hormone activity  CG1091 (CG1991) (CG1	CG4427	cabut; transcriptional activator activity
CG13561 / Paip2; protein binding CG12534 Rown-inited sufflydryl oxidase activity CG18535 / CG18535 / CG1858 His3; translation release factor activity; translation elongation factor activity CG1874 RNA binding CG1888   File   F	CG17494	/
CG12538 Papi2; protein binding CG18535 / CG6874 RNA binding CG1898 H851; translation release factor activity, translation elongation factor activity CG1898 GG12981 / CG6199 CG1998 CG1999 CG1998 CG1999 CG1998 CG1999 CG1998 CG1999 CG19	CG3198	nuclear mRNA splicing, via spliceosome
CG18535 / CG1853 / RNA binding CG18535 / CG1858 / RNA binding CG12581 / CG5874 RNA binding CG12581 / CG5874 RNA binding CG12581 / CG61165 / CG6116	CG15561	/
CG1883 / RNA binding CG1898 I1851; translation release factor activity; translation elongation factor activity CG1186 I release factor activity; translation elongation factor activity CG1186 one; gap "junction forming channel activity CG1195 (CycG; cyclin-dependent protein kinase regulator activity CG1195 (CyCG; cyclin-dependent protein kinase regulator activity CG1190 / CG1091 / CG1091 / CG1091 / CG1091 / CG1093 RNA binding; nucleic acid binding CG1093 receptor binding; hormone activity CG1983 receptor binding; hormone activity CG1984 intracellular protein transport; lyasosmo organization and biogenesis CG10190 MICAL-lifes actin binding; structural constituent of cytoskeletion CG10190 MICAL-lifes actin binding; pre-mRNA splicing factor activity CG10190 MICAL-lifes activit	CG12358	Paip2; protein binding
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CG1888 I   CG12881   CG13091   CG11625   CG2093   core; agai-unction forming channel activity   CG11525   CG2093   CG2093   CG2093   CG2093   CG2093   CG3093   CG3	CG18535	/
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CG6116 molecular function unknown CG3039 orgs: agricultion forming channel activity CG11525 CycG; cyclin-dependent protein kinase regulator activity CG1091 / CG1091 / CG1097 RNA binding; nucleic acid binding CG14479 / CG3983 receptor binding; hormone activity CG10161 elf-3p66; translation initiation factor activity; G0:0003743; ; G0:0003743 CG10161 elf-3p66; translation initiation factor activity; G0:0003743; ; G0:0003743 CG11990 / CG14804 intracellular protein transport; lysosome organization and biogenesis CG14590 / CG14504 MICA1-like; actin binding; structural constituent of cytoskeleton CG4066 Akt1; receptor signaling protein serine/threonine kinase activity CG85353 SF1; pre MRM splicing factor activity; transcription cofactor activity CG4064 Inclear mRM splicing factor activity; transcription cofactor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing factor activity CG4064 Ruce and splices of the complex pre-mRMA splicing pre-	CG1898	HBS1; translation release factor activity; translation elongation factor activity
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CG7564 nuclear mRNA splicing, via spliceosome CG7788 Ice; caspase activity CG6962 / CG5355 prolyl oli; GOpeptidase activity CG16750 protein binding; receptor binding; perception of sound CG4994 Mpcp; carrier activity; phosphate transporter activity CG9277 betaTub56D; GTP binding; structural constituent of cytoskeleton CG6767 nucleotide kinase activity; ribose-phosphate diphosphokinase activity CG91187 / CG17187 / CG3183 qeminin; DNA binding, requilation of cell cycle CG4528 snf; RNA binding; pre-mRNA splicing factor activity CG2028 Cklalpha; casein kinase I activity; receptor signaling protein serine/threonine kinase activity CG5014 Vap-33-1; intracellular protein transport; synaptic transmission CG7583 CtBP; protein C-terminus binding; transcription corepressor activity CG5605 eRF1; translation termination factor activity; translation release factor activity CG4863 RpL3; nucleic acid binding; structural constituent of ribosome		
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CG4863 RpL3; nucleic acid binding; structural constituent of ribosome		
ZG5130   zinc ion transporter activity		
	CG5130	zinc ion transporter activity

## III.

CG11450	net; RNA polymerase II transcription factor activity
CG2982	/
CG2198	Ama; antigen binding
CG12018	nucleic acid binding; delta DNA polymerase activity
CG2863	Nle; Notch signaling pathway
CG3568	/
CG13813	/
CG5913	/
CG17337	/
CG18410	/
CG17843	flavin-linked sulfhydryl oxidase activity; glucosidase activity
CG7108	DNApol-alpha50; nucleic acid binding; primase activity; alpha DNA polymerase activity
CG10121	SP1173
CG4978	Mcm7; chromatin binding; DNA replication origin binding; DNA helicase activity
CG5371	RnrL; ribonucleoside-diphosphate reductase activity
CG8171	dup; DNA binding, DNA replication checkpoint
CG7628	phosphate transporter activity
CG6897	/
CG13849	Nop56; RNA binding
CG6375	pit; nucleic acid binding; RNA helicase activity; ATP-dependent RNA helicase activity
CG7182	defense response; protein folding; response to heat; response to stress
CG13425	bl; RNA binding; transcription factor binding, appendage morphogenesis; cell fate commitment; proliferation
CG7878	nucleic acid binding; helicase activity; ATP-dependent RNA helicase activity
CG11803	ATP binding; ATPase activity, coupled to transmembrane movement of substances; transporter activity
CG9253	nucleic acid binding; ATP-dependent RNA helicase activity
CG10778	acyltransferase activity; transferase activity
CG5383	PSR
CG18600	/
CG9983	Hrb98DE; RNA binding
CG6724	/
CG3593	r-I; orotate phosphoribosyltransferase activity; orotidine-5'-phosphate decarboxylase activity
CG7447	l/

## IV.

CG1910	molecular function unknown
CG15353	/
CG14489	olf186-M
CG15093	3-hydroxyisobutyrate dehydrogenase activity
CG14846	/
CG17032	/
CG12023	
CG12287	pdm2; DNA binding; specific RNA polymerase II transcription factor activity, :CG15487:CG15486
CG7924	
CG2762	ush; transcription factor binding; ligand-dependent nuclear receptor activity; transcription factor activity
CG3385	nvy; transcription factor activity
CG9552	rost; mesoderm development; myoblast fusion
CG2444	
CG7860	asparaginase activity
CG17738	/
CG17345	amd; carboxy-lyase activity; aromatic-L-amino-acid decarboxylase activity
CG12843	Tsp42Ei; Tetraspanin
CG13250	
CG9812	

CG2663	carrier activity; tocopherol binding
CG10197	kn; collier; transcription regulator activity; specific RNA polymerase II transcription factor activity
CG10619	tup; specific RNA polymerase II transcription factor activity
CG5966	triacylglycerol lipase activity
CG8376	ap; zinc ion binding; specific RNA polymerase II transcription factor activity
CG1148	Osi2; transcription regulator activity
CG1803	regucalcin; anterior/posterior axis specification; calcium-mediated signaling
CG10704	toe; transcription factor activity
CG3132	Ect3; beta-galactosidase activity
CG9427	/
CG7820	CAH1; carbonate dehydratase activity
CG1058	rpk; sodium channel activity; amiloride-sensitive sodium channel activity
CG9023	Drip; water transporter activity; carrier activity
CG10601	mirr; protein binding; transcription factor activity
CG6680	serine-type endopeptidase inhibitor activity
CG9623	if; protein binding; receptor activity; cell adhesion molecule binding
CG10570	/
CG3254	pgant2; polypeptide N-acetylgalactosaminyltransferase activity
CG3830	vg; wing margin morphogenesis; wing morphogenesis
CG1897	msh/ specific RNA polymerase II transcription factor activity
CG8216	/
CG9358	Phk-3; diacylglycerol binding; protein serine/threonine kinase activity; carrier activity
CG18589	TepII; wide-spectrum protease inhibitor activity
CG11370	/
CG10208	/
CG5397	sterol O-acyltransferase activity; hydrolase activity, acting on ester bonds
CG9372	trypsin activity; serine-type peptidase activity
CG7539	Edg91; structural constituent of pupal cuticle
CG10625	/
CG1698	potassium:amino acid transporter activity; cation transporter activity
CG11905	/
CG8501	/
CG4766	/
CG1794	Mmp2; metalloendopeptidase activity; structural molecule activity
CG4746	mab-2; encodes Mab-21, involved in cell fate determination
CG8502	structural constituent of larval cuticle
CG4914	SP39; trypsin activity; serine-type endopeptidase activity
CG9307	chitinase activity; hydrolase activity, hydrolyzing N-glycosyl compounds
CG7811	b; aspartate 1-decarboxylase activity; glutamate decarboxylase activity
CG8587	Cyp301a1; electron transporter activity; oxidoreductase activity
CG16884	/
CG8012	<u>//</u>