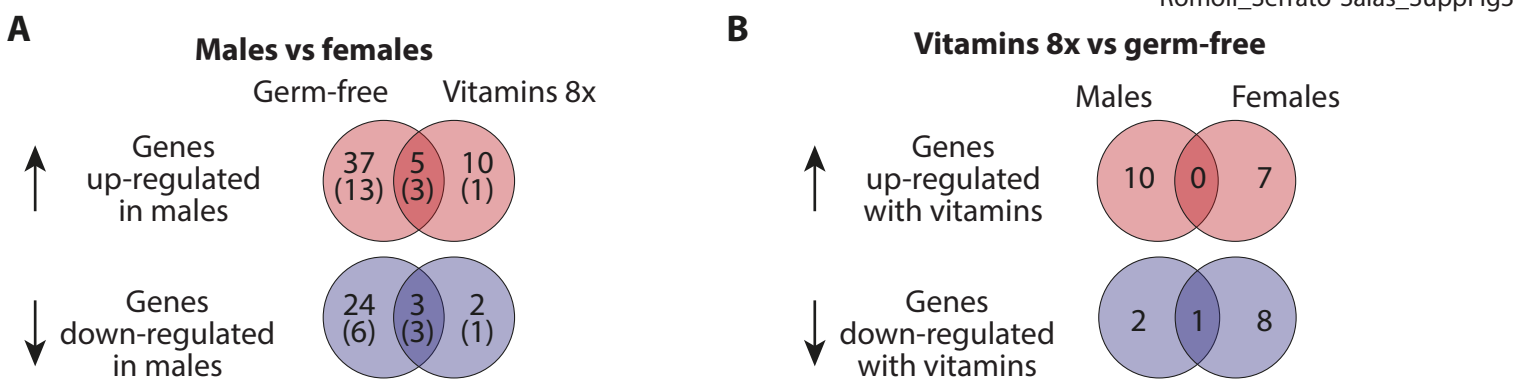




C **Males with vitamins 8x - Differentially regulated genes**

ID	log2FoldChange	padj	Transcript product	Transcript type	Paralog/Ortholog, species (description)
AAEL021701	-2.72	2.8E-03	unspecified product		cuticle protein 63-like, <i>Aedes albopictus</i>
AAEL020376	-2.43	2.2E-03	unspecified product		chloride channel protein 2, <i>Aedes aegypti</i>
AAEL028740	-1.96	6.8E-08	unspecified product		
AAEL007377	1.01	1.9E-02	ammonium transporter		ammonium transporter, <i>Aedes aegypti</i>
AAEL010390	1.27	3.0E-02	glucosyl/glucuronosyl transferases		glucosyl/glucuronosyl transferase, <i>Aedes aegypti</i>
AAEL022253	1.44	1.3E-02	unspecified product		
AAEL017976	1.51	3.4E-05	heat shock protein HSP70		heat shock protein HSP70, <i>Aedes aegypti</i>
AAEL004564	2.02	5.1E-03	unspecified product		CG8420, <i>Drosophila melanogaster</i> (involved in sexual reproduction*)
AAEL013606	2.85	3.8E-03	unspecified product		sex-determining region Y (SRY) protein-like, <i>Aedes albopictus</i>
AAEL002537	2.88	9.1E-03	unspecified product		dusky, <i>Drosophila melanogaster</i> (regulates epidermal cell size/shape changes during wing morphogenesis*)
AAEL027398	3.82	5.3E-03	unspecified product		DUF4773 domain-containing protein, <i>Anopheles albimanus</i>
AAEL000484	4.71	2.8E-03	unspecified product		prespore vesicle protein-like, <i>Aedes albopictus</i>
AAEL022708	6.76	1.9E-02	Peptidyl-prolyl cis-trans isomerase		CG11858, <i>Drosophila melanogaster</i> (predicted to enable DNA binding activity, involved in rRNA processing*)

Log2FC -8 0 8

Transcript type

Coding gene

ncRNA

Pseudo-gene

D **Females with vitamins 8x - Differentially regulated genes**

ID	log2FoldChange	padj	Transcript product	Transcript type	Paralog/Ortholog, species (description)
AAEL012340	-8.01	3.8E-02	lipase 1 precursor		lysosomal acid lipase, putative, <i>Aedes aegypti</i>
AAEL020376	-2.93	6.8E-03	unspecified product		chloride channel protein 2, <i>Aedes aegypti</i>
AAEL017678	-2.47	1.9E-02	U4 spliceosomal RNA		
AAEL010140	-1.71	3.9E-02	sodium/potassium-dependent ATPase beta-2 subunit		sodium/potassium-transporting ATPase subunit beta-1-like, <i>Aedes albopictus</i>
AAEL017646	-1.53	1.1E-03	U1 spliceosomal RNA		
AAEL017691	-1.21	3.9E-02	U1 spliceosomal RNA		
AAEL011109	-1.13	3.8E-02	unspecified product		sodium/hydrogen exchanger 9B2, <i>Aedes albopictus</i>
AAEL028652	-1.10	1.4E-02	unspecified product		
AAEL017826	-0.96	3.9E-02	U1 spliceosomal RNA		
AAEL017212	0.99	3.6E-02	unspecified product		acidic leucine-rich nuclear phosphoprotein 32 family member B-like, <i>Aedes albopictus</i>
AAEL028790	1.17	3.8E-02	unspecified product		
AAEL017067	1.34	1.6E-02	unspecified product		peritrophin-48-like, <i>Aedes albopictus</i>
AAEL006686	1.49	3.8E-02	unspecified product		CG43294, <i>Drosophila melanogaster</i> (predicted to enable chitin binding activity*)
AAEL024503	1.68	9.2E-07	unspecified product		AAEL024503, <i>Aedes albopictus</i> (contains a chitin binding Peritrophin-A domain)
AAEL028730	3.30	9.1E-24	unspecified product		
AAEL022711	6.51	1.6E-02	unspecified product		