**Fatty acid synthases**

An. gambiae genes :AGAP008468,AGAP001899,AGAP009176

Ae.aegypti: AAEL002204? (can’t see on tree, but is expressed in Ae. Aegypti pupae oenocytes)

Drospophila:CG17374, CG3523, CG3524

**Elongases:**

An. gambiae genes : AGAP001097,AGAP003195,AGAP003197,AGAP003196, AGAP013219,AGAP013094,AGAP007264,AGAP005512,AGAP004372

Ae.aegypti: AAEL013542,AAEL008219

Drospophila:

CG6660,

eloF(CG16905), CG9458,CG18609,

CG30008,

CG2781

**Reductases:**

An. gambiae genes :

AGAP001084, AGAP004784,AGAP004787,

AGAP005985, AGAP005986,AGAP005984

Ae.aegypti: -

Drospophila:

CG4020, FBtr0333800﻿;

CG18031, [FBtr0070423](http://www.ensemblgenomes.org/id/FBtr0070423)﻿

CG17562, FBtr0083329﻿

CG14893, FBtr0300865﻿

CG13091, [FBtr0333415](http://www.ensemblgenomes.org/id/FBtr0333415)﻿﻿

CG10097 [﻿ ﻿](http://www.ensemblgenomes.org/id/FBtr0100525); FBtr0347004﻿;

**Desaturases:**

An. gambiae genes : AGAP003050

Ae.aegypti:

Drospophila:

CG15531, FBtr0085572

CG5887(Desat1), FBtr0082630

CG5925(Desat2), FBtr0082592

CG7923(DesatF) FBtr0076196