| D. ananassae gene ID | D. ananassae gene symbol | D. melanogaster gene symbol | D. melanogaster gene name |
|----------------------|--------------------------|-----------------------------|--------------------------|
| FBgn0090854          | Dana\GF13827             | Act42A                      | Actin 42A                |
| FBgn0101987          | Dana\GF24995             | Adk1                        | Adenylate kinase 1       |
| FBgn0089276          | Dana\GF12238             | Ady43A                      | Ady43A                   |
| FBgn0093514          | Dana\GF16493             | AnxB9                       | Annexin B9               |
| FBgn0087525          | Dana\GF10484             | Arp3                        | Actin-related protein 3  |
| FBgn0092701          | Dana\GF15677             | atilla                      | atilla                   |
| FBgn0098712          | Dana\GF21712             | bves                        | bves                     |
| FBgn0089869          | Dana\GF12835             | Cam                         | Calmodulin               |
| FBgn0095113          | Dana\GF18095             | CG10126                     | CG10126                  |
| FBgn0094604          | Dana\GF17586             | CG11686                     | CG11686                  |
| FBgn0093382          | Dana\GF16361             | CG1208                      | CG1208                   |
| FBgn0090885          | Dana\GF13858             | CG12112                     | CG12112                  |
| FBgn0099790          | Dana\GF22796             | CG13117                     | CG13117                  |
| FBgn0093377          | Dana\GF16356             | CG42675                     | CG42675                  |
| FBgn0090220          | Dana\GF13187             | CG43340                     | CG43340                  |
| FBgn0090757          | Dana\GF13730             | CG4793                      | CG4793                   |
| FBgn0088174          | Dana\GF11134             | CG4793                      | CG4793                   |
| FBgn0087206          | Dana\GF10165             | CG6983                      | CG6983                   |
| FBgn0095623          | Dana\GF18605             | CG7956                      | CG7956                   |
| FBgn0092672          | Dana\GF15648             | CG9932                      | CG9932                   |
| FBgn0089100          | Dana\GF12061             | Cpes                        | Ceramide phosphoethanolamine synthase |
| FBgn0097765          | Dana\GF20759             | Esyt2                       | Extended synaptotagmin-like protein |
| FBgn0100942          | Dana\GF23948             | Exn                         | Ephexin                  |
| FBgn0094788          | Dana\GF17770             | FER                         | FER tyrosine kinase      |
| FBgn0100476          | Dana\GF23482             | flr                         | flare                    |
| FBgn0092075          | Dana\GF15050             | galectin                    | galectin                 |
| FBgn0088735          | Dana\GF11695             | Gdap2                       | Gdap2                    |
| FBgn0094803          | Dana\GF17785             | Gprk2                       | G protein-coupled receptor kinase 2 |
| FBgn0098046          | Dana\GF21041             | Itgbn                       | Integrin betanu subunit  |
| FBgn0093656          | Dana\GF16635             | Jupiter                     | Jupiter                  |
| FBgn0091581          | Dana\GF14554             | kune                        | kune-kune                |
| FBgn0089611          | Dana\GF12574             | Lnpk                        | Lunapark                 |
| FBgn0089853          | Dana\GF12819             | MESK2                       | Misexpression suppressor of KSR 2 |
| FBgn0097224          | Dana\GF20217             | parvin                      | parvin                   |
| FBgn0087506          | Dana\GF10465             | Pfhdn4                      | Prefoldin 4              |
| FBgn0100598          | Dana\GF23604             | Pfhdn6                      | Prefoldin 6              |
| FBgn0096351          | Dana\GF19341             | pod1                        | pod1                     |
| FBgn0087263          | Dana\GF10222             | promL                       | prominin-like            |
| FBgn0094281          | Dana\GF17263             | Rab1                        | Rab1                     |
| FBgn0093518          | Dana\GF16497             | Rab11                       | Rab11                    |
| FBgn0097458          | Dana\GF20451             | Rab35                       | Rab35                    |
| FBgn0100782          | Dana\GF23788             | Rac2                        | Rac2                     |
| FBgn0101946          | Dana\GF24954             | Rap1                        | Rap1 GTPase              |
| FBgn0091047          | Dana\GF14020             | RapGAP1                     | Rap GTPase activating protein 1 |
| FBgn0093079          | Dana\GF16057             | Ras85D                      | Ras oncogene at 85D      |
| FBgn0101328          | Dana\GF24334             | rhea                        | rhea                     |
Orthologs of lamellocyte-specific genes expressed in *D. ananassae* activated plasmatocytes

| D. ananassae gene ID | D. ananassae gene symbol | D. melanogaster gene symbol | D. melanogaster gene name |
|----------------------|--------------------------|-----------------------------|---------------------------|
| FBgn0090854          | Dana\GF13827             | Act42A                      | Actin 42A                 |
| FBgn0093514          | Dana\GF16493             | AnxB9                       | Annexin B9               |
| FBgn0087525          | Dana\GF10484             | Arp3                        | Actin-related protein 3   |
| FBgn0091846          | Dana\GF14819             | aru                         | arousurer                 |
| FBgn0089869          | Dana\GF12835             | Cam                         | Calmodulin                |
| FBgn0094604          | Dana\GF17586             | CG11686                      | CG11686                   |
| FBgn0099790          | Dana\GF22796             | CG13117                      | CG13117                   |
| FBgn0098890          | Dana\GF21890             | CG31710                      | CG31710                   |
| FBgn0088174          | Dana\GF11134             | CG4793                       | CG4793                    |
| FBgn0090757          | Dana\GF13730             | CG4793                       | CG4793                    |
| FBgn0100882          | Dana\GF23888             | Chd64                        | Chd64                     |
| FBgn0097765          | Dana\GF20759             | Esyt2                        | Extended synaptotagmin-like protein 2 |
| FBgn0089201          | Dana\GF12162             | Gste2                        | Glutathione S transferase E2 |
| FBgn0093656          | Dana\GF16635             | Jupiter                      | Jupiter                   |
| FBgn0088680          | Dana\GF11640             | LamC                         | Lamin C                   |
| FBgn0089611          | Dana\GF12574             | Lnpk                         | Lunapark                  |
| FBgn0089853          | Dana\GF12819             | MESK2                        | Misexpression suppressor of KSR 2 |
| FBgn0097224          | Dana\GF20217             | parvin                       | parvin                   |
| FBgn0087506          | Dana\GF10465             | Pfldn4                       | Prefoldin 4               |
| FBgn0100598          | Dana\GF23604             | Pfldn6                       | Prefoldin 6               |
| FBgn0094281          | Dana\GF17263             | Rab1                         | Rab1                      |
| FBgn0093518          | Dana\GF16497             | Rab11                        | Rab11                     |
| FBgn0097458          | Dana\GF20451             | Rab35                        | Rab35                     |
| FBgn0101946          | Dana\GF24954             | Rap1                         | Rap1 GTPase               |
| FBgn0093079          | Dana\GF16057             | Ras85D                       | Ras oncogene at 85D       |
| FBgn0093030          | Dana\GF16007             | RhoGAP18B                    | Rho GTPase activating protein at 18B |
| FBgn0100600          | Dana\GF23606             | RhoGDI                       | RhoGDI                    |
| FBgn0094175          | Dana\GF17157             | Spn88Ea                      | Serpin 88Ea               |
| FBgn0089170          | Dana\GF12131             | Syb                          | Synaptobrevin             |
| FBgn0088969          | Dana\GF11930             | Treh                         | Treh                      |

Orthologs of lamellocyte-specific genes expressed in *D. ananassae* activated plasmatocytes.
| FBgn0090513 | Dana\GF13484 | tsr | twinstar |
| FBgn0097740 | Dana\GF20734 | tx  | taxi     |
| FBgn0090512 | Dana\GF13483 | γSnap1 | γ Soluble NSF attachment protein 1 |