**Supplementary file 2. Cytochrome p450 genes in *Dictyostelium discoideum*.**

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| --- | --- | --- |
| Gene name | Gene ID | Open reading frame |
| *CYP524A1* | DDB\_G0269016 | Full\_length |
| *CYP513A3* | DDB\_G0270354 | Full\_length |
| *CYP516B1* | DDB\_G0271778 | Full\_length |
| *CYP519C1* | DDB\_G0272556 | Full\_length |
| *CYP515A1* | DDB\_G0272704 | Full\_length |
| *CYP525A1* | DDB\_G0272652 | Full\_length |
| *CYP508A1* | DDB\_G0273943 | Full\_length |
| *CYP508A3* | DDB\_G0273047 | Full\_length |
| *CYP508A2* | DDB\_G0272604 | Full\_length |
| *CYP519A1* | DDB\_G0274523 | Full\_length |
| *CYP518B1* | DDB\_G0275197 | Full\_length |
| *CYP518A1* | DDB\_G0277545 | Full\_length |
| *CYP513F1* | DDB\_G0278679 | Full\_length |
| *CYP513D1* | DDB\_G0279763 | Full\_length |
| *CYP51* | DDB\_G0279403 | Full\_length |
| *CYP513A1* | DDB\_G0282183 | Full\_length |
| *CYP515B1* | DDB\_G0282283 | Full\_length |
| *CYP513E1* | DDB\_G0282353 | Full\_length |
| *CYP522A1* | DDB\_G0282769 | Full\_length |
| *CYP508B1* | DDB\_G0282419 | Full\_length |
| *CYP517A1* | DDB\_G0283929 | Full\_length |
| *CYP517A4* | DDB\_G0283933 | Full\_length |
| *CYP519B1* | DDB\_G0284089 | Full\_length |
| *CYP556A1* | DDB\_G0284345 | Full\_length |
| *CYP508A4* | DDB\_G0284535 | Full\_length |
| *CYP517A2* | DDB\_G0284647 | Full\_length |
| *CYP554A1* | DDB\_G0284923 | Full\_length |
| *CYP519E1* | DDB\_G0286419 | Full\_length |
| *CYP555A1* | DDB\_G0286743 | Full\_length |
| *CYP513B1* | DDB\_G0287087 | Full\_length |
| *CYP519D1* | DDB\_G0291448 | Full\_length |
| *CYP520B1* | DDB\_G0291702 | Full\_length |
| *CYP516A1* | DDB\_G0292168 | Full\_length |
| *CYP520A1* | DDB\_G0292496 | Full\_length |
| *CYP508D1* | DDB\_G0292790 | Full\_length |
| *CYP508C1* | DDB\_G0292792 | Full\_length |
| *CYP521A1* | DDB\_G0293738 | Full\_length |
| *CYP514A2* | DDB\_G0294561 | Full\_length |
| *CYP514A4* | DDB\_G0290707 | Full\_length |
| *CYP514A1* | DDB\_G0290743 | Full\_length |
| *CYP513C1* | DDB\_G0291105 | Full\_length |
| *CYP508E1* | DDB\_G0270904 | Full\_length |
| *CYP519H1P* | DDB\_G0279031 | pseudogene |
| *CYP513G1P* | DDB\_G0279631 | pseudogene |
| *CYP513A2P* | DDB\_G0290981 | pseudogene |
| *CYP513E2P* | DDB\_G0282347 | pseudogene |
| *CYP513E3P* | DDB\_G0282349 | pseudogene |
| *CYP508B2P* | DDB\_G0293080 | pseudogene |
| *CYP518A2P* | DDB\_G0273349 | pseudogene |
| *CYP519C2P* | DDB\_G0280617 | pseudogene |
| *CYP515A2P* | DDB\_G0272959 | pseudogene |
| *CYP517A3P* | DDB\_G0271224 | pseudogene |
| *CYP516B2P* | NA | pseudogene |
| *CYP516A2P* | NA | pseudogene |
| *CYP514A3P* | NA | pseudogene |