|  |  |  |  |
| --- | --- | --- | --- |
| ***Plasmodium spp.*** | **Gene** | **Gene ID** | **Accession No.** |
| *P. falciparum* | EBA175 | PF3D7\_0731500 |  |
| *P. falciparum* | EBA181 | PF3D7\_0102500 |  |
| *P. falciparum* | EBA140 | PF3D7\_1301600 |  |
| *P. falciparum* | RH1 | PF3D7\_0402300 |  |
| *P. falciparum* | RH2a | PF3D7\_1335400 |  |
| *P. falciparum* | RH2b | PF3D7\_1335300 |  |
| *P. falciparum* | RH4 | PF3D7\_0424200 |  |
| *P. falciparum* | RH5 | PF3D7\_0424100 |  |
| *P. falciparum* | RIPR | PF3D7\_0323400 |  |
| *P. berghei* | RIPR | PBANKA\_12150 |  |
| *P. chabaudi* | RIPR | PCHAS\_121580 |  |
| *P. knowlesi* | RIPR | PKH\_081690 |  |
| *P. vivax* | RIPR | PVX\_095055 |  |
| *P. yoelii yoelii* | RIPR | PY17X\_1218300 |  |
| *P. gallinaceum* | RIPR |  | KP164517 |
| *P. gallinaceum* | ADA |  | KP164513 |
| *P. gallinaceum* | HGPRT |  | KP164514 |
| *P. gallinaceum* | NT1 |  | KP164515 |
| *P. gallinaceum* | PNP |  | KP164516 |
| *P. gallinaceum* | ADA |  | KP164513 |

**Additional File 5**