

S1 Table. Primer used in qPCR used to confirm and quantify transcription of 131 candidate genes

Primer Name	Primer Sequence
PF3D7_1308500-1F	TTTAATACAATGTGATGTTTTATATCC
PF3D7_1308500-1R	CACCTTCTATAATAAGAGATTGTTTG
PF3D7_1308500-2F	TTAATGTGACTAAGAGGGATGAG
PF3D7_1308500-2R	GTATTTCTTTGCATCTTTTCAAC
PfLISP1-1F	GATATCACCAACGATATTTTCAACA
PfLISP1-1R	TAAGTGGAGGATATGGGCTTA
PfLISP1-2F	ATTTGTCTATTGCCGATGTG
PfLISP1-2R	ATTATGTGAAATATCGTTGGTGA
PfCSP-1F	AGAACCAAGTGATAAGCACATAA
PfCSP-1R	ACTTGAATACCATTTCCACAAG
PfCSP-2F	AACCGAAATGTAGATGAAAATG
PfCSP-2R	GGACCATTCAGTTGAAAGAGA
PfHSP70-A-1F	AATTGAAAGAAACACAACCATAC
PfHSP70-A-1R	TCACCTTCATATACTTGAATTAAGAC
PfHSP70-A-2F	ACTTATGCTGATAACCAACCAG
PfHSP70-A-2R	TTCGATTTGTGGTACCTTTC
PF3D7_1026400-1F	CACCTTACAGAATTACCTTTTCC
PF3D7_1026400-1R	TTCGTAATCTTGTCTTCATTTTC
PF3D7_1026400-2F	CATAATACATTAACAACCTGGTGGTC
PF3D7_1026400-2R	TAAATATGTACCATCTGCATTCC
PF3D7_1111200-1F	AACAAATAACTGGGTAAACACAC
PF3D7_1111200-1R	GAGCATCTTCATATTTATCTTCAAC
PF3D7_1111200-2F	TGTATTAACAACACACTTGATGAAA
PF3D7_1111200-2R	CTTCCTTTATTTTATATTCTCTCCATT
PF3D7_1122200-1F	GAACATATGAAAGAAAAAATAGAGAATGTAAAT
PF3D7_1122200-1R	CTTGGATCCTTATACATCCATACATAACTTACCATC
PF3D7_0304300-1F	GAACCATGGTAAAATTTTCAAACATGTCAG
PF3D7_0304300-1R	CTTGGATCCTTTATTTTTTCAAATAATGCTTTAAATC
PF3D7_1241500-1F	AACATGAACTTAAATACGGAAAATA
PF3D7_1241500-1R	TTACTTCGAAAACATTATGAAACA
PF3D7_0518700-1F	CACCCAAAACGATAATAAATGT
PF3D7_0518700-1R	ATTTGATTTGCTCCTAATATGC
PF3D7_0518700-2F	GAGAAAGAGCATATTAGGAGCA
PF3D7_0518700-2R	TTATTGGAATTTTCATTGTTCTG
PfSLARP-1F	AGCCAGGATGGAACCTTGTA
PfSLARP-1R	TGTTATATGTTTCAAAGGATGGA
PfSLARP-2F	ACGAACAAAGAGTACATTAACATTT
PfSLARP-2R	AGTTCCATCCTGGCTTTTATT
PF3D7_0103400-1F	AAAAGAGAAGGAGCATATTTTCG
PF3D7_0103400-1R	TATTTCTGTCTTGAAAGCATC
PF3D7_0103400-2F	TTTATTCATGACGGGTGTTAG
PF3D7_0103400-2R	AATATACCACACGTTTCTGTCTG
PF3D7_1411500-1F	AACACAATCCATAAATAGTGTGAA

PF3D7_1411500-1R	CATGTTCTTTTGGGCTTATTT
PF3D7_1411500-2F	GATGGTGAAGATAATCTAAGTCAAG
PF3D7_1411500-2R	CTTGTAATTTATTGTAAGGCTGTTC
PF3D7_1434400-1F	GATTACACAAATCATATCCCAAC
PF3D7_1434400-1R	TTTTGGCTAGCATTATCTTTACC
PF3D7_1434400-2F	AAATTTCTGAAGTAGGGAATTATG
PF3D7_1434400-2R	TGTAAAGTGTCCACATGAGCAAG
PF3D7_1302200-1F	CTTGTTTGCACACATATTTT
PF3D7_1302200-1R	TTGTTGTGTTCTTCTATTGCTTT
PF3D7_1302200-2F	ATTGATAAAGCAATAGAAGAACACA
PF3D7_1302200-2R	TATAAATCATCTTCTCGCGATT
PF3D7_1302200-3F	ATATTGGGATTAGGATATTATGGA
PF3D7_1302200-3R	AGCACCATCTTGATATTTTATATTG
PF3D7_0730200-1F	AGTGACATAACAAAAGATTCCAC
PF3D7_0730200-1R	TCATGTATTGCGTGCTTATG
PF3D7_0730200-2F	TTTTAATAATCAACGAATTGAGTG
PF3D7_0730200-2R	ATAATTCTACTACCCTTGAAATGC
PF3D7_1444800-1F	GTATTATAAAGCTGGTGCAAGG
PF3D7_1444800-1R	AGATGCATATCTAGCCAATCC
PF3D7_1444800-2F	ATTTATCAATTCACGAACTGC
PF3D7_1444800-2R	TTTGAGTTACAACCTGCACAAAC
PF3D7_1444800-4F	CCAGGTATTAAGGTTGATAAAGG
PF3D7_1444800-4R	AATACTCTTGCATCTTTCTGC
PF3D7_0624000-1F	AATGTTTTACAAAGTGCATGTTC
PF3D7_0624000-1R	GCCTTAGCAACTTTCCTACTATC
PF3D7_0624000-2F	TTAGTTATGGATTGGTATTCAGC
PF3D7_0624000-2R	TACGATTTACCTAAGTAAGCAC
PF3D7_1203700-1F	ATTAACAATTAAGCAAACATGAAG
PF3D7_1203700-1R	AAGATAATAGTCAACTGCATAGGG
PF3D7_1203700-2F	TAATAGAAGGAGACTATGAAGTTGC
PF3D7_1203700-2R	TTGCTTTCCTCTCGATAATAATAC
PF3D7_1203700-3F	GAGCCAGTGTTATTACATACAGAAG
PF3D7_1203700-3R	AAGAACTATCCCTATTAAGTGTG
PF3D7_0506200-1F	CGGTTTCTATAAGGAATGCTG
PF3D7_0506200-1R	TCTAGTACCTGTTAACATAATTCTTCC
PF3D7_0506200-2F	ACCATAATGATTACGATAACGAG
PF3D7_0506200-2R	TTTCATAATTTTGTCTTCATAAGC
PF3D7_0405500-1F	GCTCTAAATGTTATGCTATAAAGGAC
PF3D7_0405500-1R	CAAGAATATTTCTCATTTCGTACATC
PF3D7_0405500-2F	AGTAAGAAAAGGTTAAATGAAGCA
PF3D7_0405500-2R	TCACATCATACAAAAGAAATGG
PF3D7_0321700-1F	AACTTCAATCCTATAAGGAAATAAAAG
PF3D7_0321700-1R	TCTATTTGTATTTGAGCAATATGTTTA
PF3D7_0321700-2F	AAAAGTAGAATCCTTAGAACATGC
PF3D7_0321700-2R	TTCGAATTGGTTTTAATATCTTG
MSP1-p19-1F	GTGTTGAAAATCCAAATCCTAC

MSP1-p19-1R	TCGAAAAGTGGATAAGAATCAG
PF3D7_1401700-1F	AAAGAGATGAACAGAAAAGAAATG
PF3D7_1401700-1R	GATGAATTCTCGCTTTTATACG
PF3D7_1401700-2F	TTTGGTAGTTGATGTTCAAATAG
PF3D7_1401700-2R	AAATTATTACCCATGTTATTTATTCC
PF3D7_0601700-1F	AAATACCCACATGGTATAAATC
PF3D7_0601700-1R	TGATGCTTTGTCTTTAACTAAACC
PF3D7_0601700-2F	TGGTTTAGTTAAAGACAAAGCATC
PF3D7_0601700-2R	TTTCTGTAAACCTTTTCTTATGTTT
PF3D7_1456100-1F	CCAGACATTATATATTTTGACGAAT
PF3D7_1456100-1R	AATTGGCTTTGTTATTCATATTG
PF3D7_1456100-2F	ATGATAGATTCATTAAGGACTAAAGA
PF3D7_1456100-2R	TGGGTAAAAGGAGAATTGATAAG
PF3D7_0917900-1F	AGCATTAAACCAAAGATAATCACC
PF3D7_0917900-1R	TCAGCTTCAACATGTAAGATAACC
PF3D7_0917900-2F	TTTAGGAAAGTTTGAATTATCTGG
PF3D7_0917900-2R	TTTACCTGTACCTTTGTCTTCAG
LSA1-PF3D7_1036400-4F	CAGAGGATTTATATGGTTCGTTTAG
LSA1-PF3D7_1036400-4R	CTCTACTATTCCCTCTGTTGTCC
LSA1-PF3D7_1036400-5F	ATCTGCTGACATACAAAATCATAC
LSA1-PF3D7_1036400-5R	TCGTCATATTCAGCACTTATTTT
LSA3-PF3D7_0220000-1F	TAGGGGATATGGATAAGGAAAG
LSA3-PF3D7_0220000-1R	TTCCAATTTAGGTCTTTGAGC
LSA3-PF3D7_0220000-2F	ACTTGGAGAAAGAGTTGAATCC
LSA3-PF3D7_0220000-2R	TTTGGTCTTCTTTAACCTCTT
PF3D7_1140000-1F	GAGAATGTATCCTGGAAAGTAGC
PF3D7_1140000-1R	ATCTTCTACATTTTGTAACCTCCTG
PF3D7_1140000-2F	GGATCTTCTACATTACCCCTATG
PF3D7_1140000-2R	AAATGGTTTCAGTTGATACAGG
PF3D7_0915200-1F	TAGAGGGCGATTATTTATTGG
PF3D7_0915200-1R	AAAGTGGTAAATTTTCTGTATCATC
PF3D7_0915200-2F	CTTAAAAGAAATCGTGACCTCTC
PF3D7_0915200-2R	CTCCTTTATGTTATCTCTATCACATTC
PF3D7_0631500-1F	ATAATAATATGGGAAATGAGATGG
PF3D7_0631500-1R	TCTGATGGGTCTGTTAATGTATAG
PF3D7_0631500-2F	GTTTTATCAACCATGACATTAGC
PF3D7_0631500-2R	TTCTGTGTGTATATTTGTCCCTT
PF3D7_0631500-3F	TATGAATGATAAATGGGAACATC
PF3D7_0631500-3R	AATTATTTTCTTCGCCATCTG
PF3D7_0631500-4F	AAAGACAATACAAAAGTGGATAATG
PF3D7_0631500-4R	TCTATCTTCCAATGAATTATGATG
PF3D7_0701500-1F	TGGAAAATGAGATGGAAAATC
PF3D7_0701500-1R	TCTGATGGGTCTGTTAATGTATAG
PF3D7_0701500-2F	GTTTTATCAACCATGACATTAGC
PF3D7_0701500-2R	TTCTGTGTGTATATTTGTCCCTT
PF3D7_1039800-1F	GTTTTATCAACCATGACATTAGC

PF3D7_1039800-1R	TGGAAAATGAGATGGAAAATC
PF3D7_1039800-2F	TTCTGTGTGTATATTTTGTCTTC
PF3D7_1039800-2R	TCTGATGGGTCTGTTAATGTATAG
PF3D7_0823400-1F	CTGCAAGTAGTTGTCAATTAGAAG
PF3D7_0823400-1R	ATCTTGAGATTCATTCCAACC
PF3D7_0823400-2F	TCAGAATCTTCAACGCAAAC
PF3D7_0823400-2R	AAATAATTTCCAATAAGCATATACATC
PF3D7_1029500-1F	AAAAGAACAAGATGTTGATGAAA
PF3D7_1029500-1R	TTTGGAAGGGCAGATAAAAT
PF3D7_0315900-1F	TATGTATCCTTCTAAATAAACAATGG
PF3D7_0315900-1R	AAATATGATTGTTAGACGTTAATGC
PF3D7_0315900-2F	AGGTTTAATGAAATAACACATTGC
PF3D7_0315900-2R	TTTGGTGGTTTCTTATATGTCTTC
PF3D7_1464200-1F	TCATAAACAAAATTGTATCTTTTCTC
PF3D7_1464200-1R	AAATTTACATGCAGGATTATGAC
PF3D7_1464200-2F	GGGGATAACAAATTAGAAAATAATG
PF3D7_1464200-2R	CTGCGTATAATCTTCTTCTTCAC
PF3D7_1465800-1F	CATTTACAAATTTATTGGCTAGG
PF3D7_1465800-1R	TTTTCATCAGATTTATTTATCGAAC
PF3D7_1465800-2F	TAAAATGTCTAAGTGTGGGTTTG
PF3D7_1465800-2R	TTAATTCGTTCTTTTAAATCTTCG
PF3D7_0408100-1F	TCAAGAGAAAGTTATATGCGTTG
PF3D7_0408100-1R	TGTTCAATCCTTTGTTCTTGTAG
PF3D7_0408100-2F	AAACGAAGAGAAACCTATAGACG
PF3D7_0408100-2R	CTTTGAGTTCCTGAATAATTCG
PF3D7_1441600-1F	AAATATGCTATAATGAAATCAGGAG
PF3D7_1441600-1R	ACATGGTTGTTATTTGTTGTTTG
PF3D7_1441600-2F	TTAATTTACAGCATCCGATTTAG
PF3D7_1441600-2R	CATCATTTAAAGAATCGGGATAG
PF3D7_0112100-1F	GAAATTGAAAATATAGCAACACG
PF3D7_0112100-1R	TATAAGACTTTGCTTAAACGACTG
PF3D7_0112100-2F	AATGAGAAAATTGTTAAGTGGTG
PF3D7_0112100-2R	TCCCATTTTGTAGAATCTTTATG
PF3D7_1473700-1F	ATTTGTATTGAATGTTTGAATCG
PF3D7_1473700-1R	ATATCATTTTCTCTTGCACAATC
PF3D7_1473700-2F	CAAAATCCACTACAACATCACG
PF3D7_1473700-2R	GGTGTACATAACAAAATTCATCC
PF3D7_0309700-1F	ATTTATTGCTCCGAATATTGAAC
PF3D7_0309700-1R	CATTTAGCAATTATTTCCCTAAC
PF3D7_0309700-2F	TTGAAAGATAAAAGAGTTTCTTCG
PF3D7_0309700-2R	TATTATGCTCGTTCCTTTCTATG
PF3D7_0501700-1F	GACTTAACAATAATCGCCAAAG
PF3D7_0501700-1R	GTTTATTTCCCATCTTCTATTAAC
PF3D7_0501700-2F	TTGTAAGCAATGATAAAGATTCAG
PF3D7_0501700-2R	TACAACAATTCCATCTTCATTTAC
PF3D7_0221500-1F	AACCTTGACCCTCAAACCTC

PF3D7_0221500-1R	TCACTATTTATGTATTGTAATGTGAGAC
PF3D7_1237400-1F	AATATACGTTTCATACCTTTTCATC
PF3D7_1237400-1R	AATTAGGTAACCTTCGAACAATCA
PF3D7_0425100-2F	AACTTGTATTGGAAGCCTTTG
PF3D7_0425100-2R	TAAAGAACCACAAAGTGCTAGAG
PF3D7_1400900-3F	AGTAAAATGCGTAGAACATTTCAG
PF3D7_1400900-3R	TTCTTCTAGCGTAAATTGTTTTG
PF3D7_1400900-1F	ACCGTACATGCTATAATTCAATG
PF3D7_1400900-1R	ATGGATGCTCCATCTTTAACTA
PF3D7_1400900-2F	TGATTTATCAAAACAATTTACGC
PF3D7_1400900-2R	CCAAAACAAGATTCCATATAACC
PF3D7_1478300-1F	TACATTGGTTCCGGTATTTG
PF3D7_1478300-1R	TTTCATTATATACTTCTTTGTGTTGC
PF3D7_1478300-2F	GGGTCATATGTATCAACATTTACAG
PF3D7_1478300-2R	AACATGCAAATACCGGAAC
PF3D7_1479300-1F	AATTTATCTGAAGTAAAATGCGTAG
PF3D7_1479300-1R	ATTATAACCTTCTGAACTGAAAGC
PF3D7_1479300-2F	TGATTTATCAAAACAATTTACGC
PF3D7_1479300-2R	ACCCAAAACAAGATTCCATATAC
PF3D7_0221200-1F	GAGCTGGTGCAGTTATAAGTATG
PF3D7_0221200-1R	GAAAAGACAACGAACAAAACACTAC
PF3D7_0221200-2F	AATTCCTTAAAATCAACTTCTGG
PF3D7_0221200-2R	AACTGCACCAGCTCCTAATAC
PF3D7_0222200-1F	GAAAATGAGATGGAAAATCATATAG
PF3D7_0222200-1R	TCTGATGGGTCTGTTAATGTATAG
PF3D7_0222200-2F	GTTTTATCAACCATGACATTAGC
PF3D7_0222200-2R	TTCTGTGTGTATATTTTGTCTTTC
PF3D7_1303200.1-1F	ATAATACCACCACATACATCCAG
PF3D7_1303200.1-1R	AAATGCATAGGGAGTAAGAAAAC
PF3D7_1303200.1-2F	TAAGGAATTGGGTTTTCTTACTC
PF3D7_1303200.1-2R	AAACCCTCATATTTTCTTTCAATAC
PF3D7_1359100-1F	TTAACTTTAGATATTTTGTTCATGGAG
PF3D7_1359100-1R	TACTTACTTCCTCTTCCAAATCC
PF3D7_1359100-2F	AAGGTAATGAACACGACAAAAG
PF3D7_1359100-2R	TCATCAGACATGATTAAATTGTTG
PF3D7_0618900.1-1F	CAAAGAATAATATGAACGATGG
PF3D7_0618900.1-1R	TTTTGATTTATCGACATTTTGC
PF3D7_0618900.1-2F	AATGATTGTGATAAGGAACAATTAG
PF3D7_0618900.1-2R	TTTCATAATTTTCTAGGCATTTG
PF3D7_0615700-1F	TTTGTAAGTTGTAAATGCTTGG
PF3D7_0615700-1R	GATAATCCTTCAATTTCTGAACC
PF3D7_0615700-2F	AGGTTCCCTACGGAAGTAATTATG
PF3D7_0615700-2R	TACCATTTGATCTATCTGTGTGG
PF3D7_0604700-1F	CTCTTGGAATTTAATATTGTGTTTC
PF3D7_0604700-1R	TTATATCCGTCTAGGTCTTTTACC
PF3D7_0604700-2F	GGGCTTGAGTACACTTAAAA

PF3D7_0604700-2R	ATCTTCGTCTGGTAATATACACG
PF3D7_0605900-1F	TCCTCCCAGGATTTTATGTC
PF3D7_0605900-1R	ATTTCCGAACAAAATTAATAAGG
PF3D7_0605900-2F	GTAGATTTTGTGACACCATTTT
PF3D7_0605900-2R	ACTTGTATTCACCCACATGATTA
PF3D7_0609100-1F	CAAAACATAAGCAGAAAAGTACG
PF3D7_0609100-1R	TATATCACCATGTGTATGAGGTG
PF3D7_0609100-2F	TGATTATTGGAACATCAACTGAC
PF3D7_0609100-2R	AAAGATAAAGAAACCGTAACACC
PF3D7_0819900-1F	AATGGAAAGAAATTTAGACATGG
PF3D7_0819900-1R	TCATAGCAGATGATACTAGGATAATAGA
PF3D7_0819900-2F	AATATGATTTTATCCAATGTACGTG
PF3D7_0819900-2R	TTGACTGTTTCTTCATCATTTTC
PF3D7_1005300-1F	AGGAATGTTGAGAATGAAAAGAC
PF3D7_1005300-1R	TCCTTGCATAATTCTTAAAACG
PF3D7_1005300-2F	GTTGCCTATTTGACATACTTCTG
PF3D7_1005300-2R	TTTTCGTCTTTTCATTCTCAAC
PF3D7_1005300-3F	AAGAATTATTCATTCAGCATATTTT
PF3D7_1005300-3R	TATGCTTCTTTTAATGGGAATG
PF3D7_1337100-1F	AATCTTTGTGATGAAAATTATGG
PF3D7_1337100-1R	ATATTCGAAGGCCAAATATAAAC
PF3D7_0615900-1F	ATCCAAACAAACAGAAAAGAGAC
PF3D7_0615900-1R	TCTATACAATCGTTTTGTTGTCC
PF3D7_0615900-2F	TATTACATCAAAGGAATGTTTCG
PF3D7_0615900-2R	TTAACCAAATTGTGGGAATAAG
PF3D7_0713200-4F	TGATGGAAGGACAAAATATACG
PF3D7_0713200-4R	CAATATCATTTTTCTTTAATATCTCG
PF3D7_0713200-1F	TTTTGAGACAATGTAAAAGTTGC
PF3D7_0713200-1R	TTCAATACATAATTAGATGAGGACAC
PF3D7_0604300-1F	AATAATGTTCCCTGGTCATCTAC
PF3D7_0604300-1R	TTATTCATGATTTTGTGATTGTG
PF3D7_0604300-2F	TACATCCACAACAAAGGAAATC
PF3D7_0604300-2R	CATTCTGTTACGAGTATTGTTCC
PF3D7_1442800-1F	CACAACATGAAAATGTAATAGGC
PF3D7_1442800-1R	CATCTTCCCTTTGTATATCCTTT
PF3D7_1442800-2F	TAAACTTCTATCGAACAGGAAGA
PF3D7_1442800-2R	AAAATGTAAATGCGAATCCTT
PF3D7_0727800-1F	TTTGTTATAAGCATACGGAGAAG
PF3D7_0727800-1R	AAACCTTTTCATTATTTTCAGGAG
PF3D7_0727800-2F	ATCTTTTCGTTGTGTATAACAGG
PF3D7_0727800-2R	CCTACAAAATATATGCACACCTC
PF3D7_1459300-1F	AAAAGAAATAGTTTAAAAGAAGCAA
PF3D7_1459300-1R	ATTACGAATATTTTGTTTTGTGG
PF3D7_1459300-2F	TGAGAACAAATCAGTAAATGTAGGT
PF3D7_1459300-2R	TTTTTTGCTTCTTTTAAACTATTTT
PF3D7_0909900-1F	AAATGCATATCCTCCTATTGAAC

PF3D7_0909900-1R	AATAACATAACCCTTCCGATAAC
PF3D7_0909900-2F	ATACCACTCATCATTCCGATACAG
PF3D7_0909900-2R	ATACCTGCATTATTTACATTTGG
PF3D7_1476100-1F	GAAAACATTTGGGATGAAGTTG
PF3D7_1476100-1R	TTTTGTATTTCTTCTTGAGATGG
PF3D7_1476100-2F	ATAGCCATTTTAAGGAAAAGAAG
PF3D7_1476100-2R	CAATATCTTCAATTTTCGTTTTTG
PF3D7_0823100-1F	GAGTAAGTGAAGAAGAATTTGAGG
PF3D7_0823100-1R	CTCTCTTCCTGTTGGATTTTC
PF3D7_0823100_2F	ATATTAGATCCTGAATTTGATGAAG
PF3D7_0823100_2R	AATAATTCTTCATTACCACTTTG
PF3D7_1145000-1F	ATTATGTAAACCTGGATCTGTTG
PF3D7_1145000-1R	TTCAGTGTAGTCATGTGTTTCAG
PF3D7_1145000-2F	TTGAAAATTCTGAAACACATGAC
PF3D7_1145000-2R	TCAATTCTTGACCTTGTATAGTTG
PF3D7_1109400-1F	AATTTAGCGAATGAACAAAATG
PF3D7_1109400-1R	TTCTTCAATAATGTCATCAAAGTG
PF3D7_1109400-2F	AAAACACAAGCACTTGAGGAC
PF3D7_1109400-2R	ATGCATTTCAATTGTTCTTTATTC
PF3D7_1429400-1F	TTCCTCCTGAACTCTATGAAATC
PF3D7_1429400-1R	TTCATATTTGTCTTCTCTTGTCG
PF3D7_1429400-2F	ATTCACATATTTACAACGTAGGG
PF3D7_1429400-2R	TTATCATTCGATATGCTCTCTTG
PF3D7_1416200-1F	ATAGTGAACATGGAGGAGATAGC
PF3D7_1416200-1R	AGTGTTGCAATATAAAGGTGATG
PF3D7_1416200-2F	CTTATTGTTTATGTGCAGCTACC
PF3D7_1416200-2R	TTCACCTGTTTTATAGGATTCAG
PF3D7_0935200-1F	CCAATAGGATATGAAACCTTACC
PF3D7_0935200-1R	AAAGCTCTTATGGATGCTATTTTC
PF3D7_0935200-2F	AAATCATGGCCTCTAATTTTAAC
PF3D7_0935200-2R	GACTACTGTTGTGTCGTTTGC
PF3D7_1108900-1F	AATAATAATTGTGATGGCATGTG
PF3D7_1108900-1R	TCTGTGTTGTTGGTCTCTTTTAC
PF3D7_1108900-2F	TTGAGTTTCCAGATGATACATTC
PF3D7_1108900-2R	TGATATTTGCTACATCATTTTCG
PF3D7_1225000-1F	CATAAATCAACATGTACCAAACC
PF3D7_1225000-1R	TTTAAAGCATAATTGCTCTTGTC
PF3D7_1225000-2F	ATTTATACCAACAATTTTCTTACTTACA
PF3D7_1225000-2R	AGTGACATGTTCCCTACCCTTTA
PF3D7_0717600-1F	TTCGGAGAATTGTAATTATGAAG
PF3D7_0717600-1R	TACCTATATGAAGAACAGCATGG
PF3D7_0717600-2F	GGAGTAGCTATAGGTGAAATTGG
PF3D7_0717600-2R	AATCATTACAAGTCTCTTCATCG
PF3D7_1334100-1F	ATGAATAGTTCCAACCTCAACTCC
PF3D7_1334100-1R	AGTCTTTCTTCTTGATCGTTCTC
PF3D7_1334100-2F	AAAATATGACACAACATTCGTTTC

PF3D7_1334100-2R	CATCTTCTTGTGGTTTGTGATAG
PF3D7_0617100-1F	CCAGAAAGTACAACTTATGCAG
PF3D7_0617100-1R	AAATATCCAAAAGAACCTATGATG
PF3D7_0617100-2F	TCGATCCATATATACAAAATGAAG
PF3D7_0617100-2R	TAGACTTGTGCGTTATTCAATC
PF3D7_0821600-1F	AACAAACGAATAGGTTATCTGAAC
PF3D7_0821600-1R	AAAACCATCTTCACCCTTATTC
PF3D7_0821600-2F	ACGTGCAGGGTATTAAGAAG
PF3D7_0821600-2R	CTTGATGTTGTTTCAGTATTATTCC
PF3D7_1304600-1F	TTATCTATCGATTCTGAAATGGTC
PF3D7_1304600-1R	TTATTGTGTAGAAATTTAAGTCGTC
PF3D7_1304600-2F	TAACCACAACCAACCTTTAATAC
PF3D7_1304600-2R	GGTGATTTCTTCACCTTCTTC
PF3D7_1212200-1F	GAGTAGGAAAGAACAAGAAATGG
PF3D7_1212200-1R	TCTTCATTATGTTCAAAGGTTTC
PF3D7_1212200-2F	CGAATGTGAAATTAATGGTAAAC
PF3D7_1212200-2R	ACATACATATTCTTTGGATTCCCTC
PF3D7_1113000-1F	CAACATATTTGTGATTATGTACCAC
PF3D7_1113000-1R	AATATTTATTTTCGTTTGGTTCC
PF3D7_1113000-2F	AATTGATGTAATTCCTAAAAGCAC
PF3D7_1113000-2R	CTATTTTCGTAAGAAATCATAGC
PF3D7_1221600-1F	ATCAACAAGTACTGATCATTTC
PF3D7_1221600-1R	TTGCTCCAACATCCTTTATATACT
PF3D7_1221600-2F	AACCCTAGTTGTGAAAATGAAAT
PF3D7_1221600-2R	CATATCAAATGTTCTGATTCTCC
PF3D7_0417900-1F	AGGGAAGAAGTACGTTAGAAGG
PF3D7_0417900-1R	ATTTGTTTCATTTGTTTCATTTG
PF3D7_0417900-2F	CATATTGTAAAAGGAATGAAGAATG
PF3D7_0417900-2R	TCCTCATCATCTATTTTGTGTTG
PF3D7_1107700-1F	AAAGAAAACCTACCTGTACACCTG
PF3D7_1107700-1R	TTGATTGAGCATTTTATTTATGG
PF3D7_1107700-2F	AACAACCCACATGAACATACTAC
PF3D7_1107700-2R	ACATGTCCATTATCAGCTTCAC
PF3D7_0936900-1F	ACGTTTGGAATTAGATTTGTATG
PF3D7_0936900-1R	CATTTCTCATTATTTCTGACCAC
PF3D7_0936900-2F	ATGAAAGTCATGAAAGTTCAATC
PF3D7_0936900-2R	ATTCACGTTCTCCAGTTTAAAG
PF3D7_1314800-1F	AAAATTGAAGAAGAAAATCAAATG
PF3D7_1314800-1R	TATCAGGTATGTCCTTTTATCC
PF3D7_1314800-2F	TTATATCAAGGGAAAAATGGACT
PF3D7_1314800-2R	AGATAAATCAAATAAGGCAAAGG
PF3D7_0217000-1F	TAAACAAAAGGAGTTTCCAAAG
PF3D7_0217000-1R	GTAGGAGTCGAGATAAGAAGAAAG
PF3D7_0217000-2F	CAATGCTTATTCTTCATATATCTCAC
PF3D7_0217000-2R	AAAATAAAAGAATGTAAACTAAAATGG
PF3D7_1301500-1F	CCGATATGTCAAAGAATGATATG

PF3D7_1301500-1R	TTCTTTTGTTAATGGTTTCGTAG
PF3D7_1301500-2F	AAGTGTAGCAAAGGAAGGTTTAG
PF3D7_1301500-2R	TCATTAATTTTCGTCCATAAAAATC
PF3D7_0502100-1F	AATTGATGTGTATTCGTCTAATTATC
PF3D7_0502100-1R	CATTTGACCATTTTGTATTAACC
PF3D7_0502100-2F	GTGACGAGGAAAATGAAGAAG
PF3D7_0502100-2R	CAAGATCATTGATAATTCTGGA
PF3D7_1337700-1F	CCACAAAATGCATCTATCATATC
PF3D7_1337700-1R	TGTAAATCATCCTCATCTTCAAC
PF3D7_1337700-2F	TGAATGTAATACCTATGCGTGAG
PF3D7_1337700-2R	ACATAATTGCATTTGTTGATAGG
PF3D7_1133100-1F	TGATAGTGACGACGAAATTTATG
PF3D7_1133100-1R	TGAATCACTGGTAGTTTTAGGATAG
PF3D7_1133100-2F	AAGTATTAAGAGGGAATTCTTGAC
PF3D7_1133100-2R	ATTATTGTTGTTGTTGTTGTTGC
PF3D7_0912800-1F	AATTCTTGTAGCTCCATCATACC
PF3D7_0912800-1R	TCGTAGTAACTTCAACCATATCC
PF3D7_0912800-2F	CATGAAATTATTGAACCTAAGATATTG
PF3D7_0912800-2R	TAGGACTTGTTAGTTCATGTTTCG
PF3D7_0928400-1F	GAATGTAATTCTTTTCCTGTGC
PF3D7_0928400-1R	ACCCAGCATCATTCGTTATAG
PF3D7_0928400-2F	TTGGTTATACGGTACTATTGATG
PF3D7_0928400-2R	CTTATAATGGTTGGTATGGTTTTAC
PF3D7_0905300-1F	TTGATGGTTCTAAAATTATGACG
PF3D7_0905300-1R	CAAGATATTTCAAGTTTCACTTGC
PF3D7_0905300-2F	GAGCATCAGACAAATAAAACAAG
PF3D7_0905300-2R	CATCTTCTCATCTTCAAATTCAC
PF3D7_0524100-1F	TGAAGTGGAGAAGCAAATATC
PF3D7_0524100-1R	TTGTCTTTTACGTTTTGACAATC
PF3D7_0524100-2F	AATGATGTTACAAATTTTAGGTACG
PF3D7_05241002R	AATATTCCTTCAAAGATCTCG
PF3D7_1346200-1F	AATAACATGGAATGTACCAAAG
PF3D7_1346200-1R	CAAATAATTGGTAATCAAGAATCC
PF3D7_1346200-2F	AGCTAAGGAAAATGGAAGTATAGA
PF3D7_1346200-2R	TTTTAATTTTTTGTTCCTACA
PF3D7_1405300-1F	TTCAACATATCAATTTCAATTCC
PF3D7_1405300-1R	CAACAAGTGAGTCTTATACAAATG
PF3D7_1405300-2F	TCTGAGAAGGAAAATGAAAGC
PF3D7_1405300-2R	TCGCACTTTGTATTATATGTTGG
PF3D7_0916600-1F	CTATCCTTGATATTGGATGTGG
PF3D7_0916600-1R	CAAAGATTGTTTTGGCTAGTTC
PF3D7_0916600-2F	GGTTTCTTCTGAATTGCATAAAT
PF3D7_0916600-2R	ACAATTTTCTTCAAACCATTCTT
PF3D7_0901200-1F	TTTAGTTAAAGATGGAGCATCAA
PF3D7_0901200-1R	TTTCTAATCTTTTGGGATTTTTC
PF3D7_1475400-1F	TAATTATGAGAGCTACAGCATCG

PF3D7_1475400-1R	TTTCATTTGAAGTTTTTCATTTTG
PF3D7_1475400-3F	AGAATATGAGCGATCAGGTG
PF3D7_1475400-3R	TGTTTCATCATACCAAATAGAAGC
PF3D7_1475400-3F	AATTAGCCGCAGTTTTTG
PF3D7_1475400-3R	TGATGTTTGAATCTTCCTTTTG
PF3D7_0532100-1F	TAATATCCTCTATTGCCACAGG
PF3D7_0532100-1R	CTTCAACATCTGAATCTAAATCG
PF3D7_1301100-2F	AAGTAAAATGCGTAGAACATTCA
PF3D7_1301100-2R	TTTTCTTAGTTCCAACACCATTA
PF3D7_1301100-3F	ATATGTGACAAAAGTGAAACAGAG
PF3D7_1301100-3R	CTTAATCCTGAATGTTCTACGC
PF3D7_0208500-1F	AAAGATGGAGTGTCCCTTACAAAT
PF3D7_0208500-1R	TTTTTAAAGAGCTAGATGGGTTT
PF3D7_0211400-1F	AAAAGGGATGAAAATATATCAATG
PF3D7_0211400-1R	TGATAACCATGTCTATATCTGAGG
PF3D7_0615100-1F	AGTCGAAAAGGTTATTTAGATGC
PF3D7_0615100-1R	TAATGAAATAATGCTGGATTGAG
PF3D7_0615100-2F	TGCTGGTATAGGAGATACAAATG
PF3D7_0615100-2R	ATTATAAACAGGAGGCCAAATAC
PF3D7_0501300-1F	AGAAGCTTTACTTAATGAATACGAAG
PF3D7_0501300-1R	CAAAGAATAGGAATATCACAACATAG
PF3D7_0501300-2F	TGTAATACCAGAAAATACTGAATCC
PF3D7_0501300-2R	TGAGCCATTCTACGTTGC
PF3D7_1133400-1F	TGCAGATATTCCCTGAACATAAAC
PF3D7_1133400-1R	AATAGTTGCTAATACAGCGACAG
PF3D7_1133400-2F	GAACGCTAGTATGATCAAAAGTG
PF3D7_1133400-2R	CCAATTATAACCCTTACCATGAC
PF3D7_1335900-1F	ATTCCATATTCACCATTATCTCC
PF3D7_1335900-1R	TTTTCATTATTTCTACCATGTGG
PF3D7_1335900-2F	TGGACTTGCTTATAAATTCGTAG
PF3D7_1335900-2R	TTCACCTAATGTTTCATCAAAAG
PF3D7_0709900-1F	ATATTTTACATCAGCCACCTATG
PF3D7_0709900-1R	GACATCTACATCTAGCCAATCAC
PF3D7_0709900-2F	CCTTTCATGATATCGTAAGTAGC
PF3D7_0709900-2R	CGCTTAAATAATACTCAGGGTTC
PF3D7_1143500-1F	CATCTCTCAAGCAATTTTCATAC
PF3D7_1143500-1R	AATTTTCTGTGTTTTTCGTCATAG
PF3D7_1143500-2F	AAAATATGTTGTGGATTCTCTTTC
PF3D7_1143500-2R	TGTTTATTTGAATATGTGCCTATG
PF3D7_0625000.1-1F	TCCTACATGTCAACCATTAAC
PF3D7_0625000.1-1R	GGTACATTCATAAACTTGAGCAG
PF3D7_0625000.1-2F	CATTATTTGAAGGACAAGAAAAC
PF3D7_0625000.1-2R	TATTATGGTAGCACAACCAAAC
PF3D7_0625100-1F	CAACATTAGAAACGTGCTTACC
PF3D7_0625100-1R	GAATGTCCTGATACAATCAAATC
PF3D7_0625100-2F	AATATTCATGCAAAGCCATTC

PF3D7_0625100-2R	GCATAATCTAAGGTATAATTCAATCC
PF3D7_1147200-1F	TCAAATATTCCAAATTGTCAAAG
PF3D7_1147200-1R	AACTACTTCTCTCCACCTTATGC
PF3D7_1147200-2F	GGAATTTTCACTTTATTCAGAGG
PF3D7_1147200-2R	TTACTACCCATACCTTCATTTC
PF3D7_1471500-1F	TTTTGGATATTTTGTGATACTGC
PF3D7_1471500-1R	TTTGAGTTCCTTATAATCCTTTTC
PF3D7_1471500-2F	TTGTACAGGGGCATATGAAG
PF3D7_1471500-2R	TAAGTGAAAGGGTATAGGAAACG
PF3D7_0801900-1F	GATGACGCTGAAGAATATTATGA
PF3D7_0801900-1R	ATTATTTTCTTTCTGGGTGTAA
PF3D7_0801900-2F	ATGTACAAACAAAACGTATGACC
PF3D7_0801900-2R	TTTTGTATAATTTCCACATGCTC
PF3D7_0315600-1F	CTTGCAACTGCACGTATAATC
PF3D7_0315600-1R	TGCATAAATCGTTTTCTTTATTG
PF3D7_0315600-2F	CCGAGAATAATTTTACCTCACC
PF3D7_0315600-2R	TTGCGTTGTCTTTTGTGTTG
PF3D7_0513700-1F	ATATGTGCAACTCAATGACAAAG
PF3D7_0513700-1R	TTCTGAAGAAAATGTAATTCTGTATG
PF3D7_0513700-2F	TTTCATAAAGGTGGCCATAAC
PF3D7_0513700-2R	TTGAATATCCATAGGAACAGATATTAG
PF3D7_1462600-1F	TTGTTTTCGTATGGACAAATG
PF3D7_1462600-1R	TTGAAGTACAAATAGAACGAAATG
PF3D7_1462600-2F	ATTATCCTCTGATGCTCCTTTAG
PF3D7_1462600-2R	GTTTCAAGGAAGGTTTGTCTATC
PF3D7_1215200-1F	CGTATGATTGAAAATGTAGGAAC
PF3D7_1215200-1R	AGTAAAATTGAAGAATGGAGGTC
PF3D7_1215200-2F	TGTAGGAACAAAATTAGGACATC
PF3D7_1215200-2R	TTCAGTAAAATTGAAGAATGGAG
PF3D7_1121500-1F	AAATATAGGCCATCTGTTGTTTC
PF3D7_1121500-1R	GGAATATCGTTTATTAATTCCATC
PF3D7_1121500-2F	AAAGAACAACCGTATTAGAAGAAG
PF3D7_1121500-2R	AAGCCTCCTCTTTATCACTCTC
PF3D7_1129600-1F	ATATAATCAAACGACAGGTTGTG
PF3D7_1129600-1R	GCTACTTATTTTGTGATGCTCTG
PF3D7_1129600-2F	GTACGAGTGATCATATTTCAACC
PF3D7_1129600-2R	ATTCTTGTGCGTTTTATCTTTTC
PF3D7_1301700-1F	CGTTACAGATTACAACAACACCT
PF3D7_1301700-1R	GCTGCTCTAACATTATTGAAATG
PF3D7_0220200-1F	TTATTTTCTGGTGTAGATGATGG
PF3D7_0220200-1R	ATTGATTTTCACCTTCTTTTCATT