**S1 Table – Oligonucleotide primers used**

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| oBL295 | 1L fwd | CGGTGGGTGAGTGGTAGTAAGTAGA |
| oBL296 | 1L rev | ACCCTGTCCCATTCAACCATAC |
| oBL258 | 6R fwd | GTGTGTAGTGATCCGAACTCA |
| oBL259 | 6R rev | GCATATTGATATGGCGTACGCACACGT |
| oLK57 | 15L fwd | GGGTAACGAGTGGGGAGGTAA |
| oLK58 | 15L rev | CAACACTACCCTAATCTAACCCTGT |
| oLK49 | 6Y’ fwd | GGCTTGGAGGAGACGTACATG |
| oLK50 | 6Y’ rev | CTCGCTGTCACTCCTTACCCG |
| oBL292 | actin fwd | CCCAGGTATTGCCGAAAGAATGC |
| oBL293 | actin rev | TTTGTTGGAAGGTAGTCAAAGAAGCC |
| oAM47 | 18S rDNA fwd | TCCAATTGTTCCTCGTTAAG |
| oAM48 | 18S rDNA rev | ATTCAGGGAGGTAGTGACAA |
|  | Mph1(1-933)-YFP-fwd | ACGTTATTTAACGACGAGAGTAATGATAATAAGAAGAGGGCTGCAGCTGCAATGAGTAAAGGAG |
|  | Mph1-YFP-fwd | GATTACACATGGCATGGATGAACTATACAAATAGGAGACTCTTATACGT |
|  | Mph1(1-933)-YFP-rev | GTTCTTCTCCTTTACTCATTGCAGCTGCAGCCCTCTTCTTATTATCATTAC |
|  | Mph1-rev2 | CAGTGCCGTATCCTTAATGA |
|  | Mph1-down | GATGACACTATGTGACAGC |
| MX6-HPR1 up | MX6 -*HPR1* up | TAACAATTCAAGAGGCATTAAAACTTGGGCAAAGGAGTAATAATGGATCCCCGGGTTAATTAAGG |
| MX6-HPR1 down | MX6 -HPR1 down | ATGAATTTCTTATCAGTTTAAAATTTCTATTAAGAGGATAATTTATAGTGGATCTGATATCATCG |
|  | *MPH1*-MX6nt-Fw | CATTCCGGTTCTGTTTTATTTTAGTGTCCTTTTTTCTCTCTGATGCGGATCCCCGGGTTAATTAA |
|  | *MPH1*-MX6nt-Rv | AGCGTTATTTTTGTATAGACGCCGACGTATAAGAGTCTCCTATCATAGTGGATCTGATATCATCG |