## Supplementary Table 9 - pROS/pMEL gRNA primers.

gRNA sequence is underlined.

|  |  |  |
| --- | --- | --- |
| Primer number | Primer name | Sequence (5’ to 3’) |
| 6008 | CAN1\_targetRNA FW | GTGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCGATACGTTCTCTATGGAGGAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 9508 | TKL2\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTCAAAAACTTAATGAGGAATGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 7231 | RV\_gnd2\_gRNA | GTTGATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAACTATGATCTGGCAGCTTCGCGGATCATTTATCTTTCACTGCGGAGAAGTTTCGAACGCCGAAACATGCGCA |
| 7246 | ARO10 CRISPR KO seq | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATTTACAAGTATTCTAAACCGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 8314 | Sc\_URA3\_2gRNA\_primer | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTGACTGATTTTTCCATGGAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 8564 | ZWF1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTAGATTCAGATCTGTGACTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 9503 | SOL4\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCACATTTTTCCACATATTAAGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 10641 | Sphis5\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTCCAAGCATGCAAACCAAAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 10866 | X2\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCGGCGACTAGGAAGAGAGTAGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 12034 | SPR3\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATGCTTTTATAACGAATAATGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 12569 | NQM1\_targetRNA RV | GTTGATAACGGACTAGCCTTATTTTAACTTGCTATTTCTAGCTCTAAAACTCTAGAACAGTTATATGAATGATCATTTATCTTTCACTGCGGAGAAGTTTCGAACGCCGAAACATGCGCA |
| 12911 | mTurquoise2\_gRNA1\_fw | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTACTGCTGCTGGTATTACCTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 12912 | mTurquoise2\_gRNA2\_fw | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCCCTTAGTCACTACTTTATCTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 12985 | YPRCtau3\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCAAACATTCAAATATATTCCAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 13614 | PDC5\_PDC6\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATTGTTGTTGCATCATACCTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 14756 | HIS3\_targetRNA2 FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTAACGTCCACACAGGTATAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 16889 | SOL3\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCCTCATGCATTATATTTTGTTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 16895 | GND1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTACGAAGAATTGAAGAAGAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 16897 | RKI1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCAATGCGAGGATACTGTTCAAGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 16903 | RPE1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCCGACTTGGATATTCAAATGGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 16905 | TKL1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTAACCCAGATATTATTTTAGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 16909 | TAL1\_targetRNA FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCAACTAACCCATCATTGATCTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 17613 | RKI1\_targetRNA\_SNP1\_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATGTTTTGGGGACTTTTTTCGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 18010 | SHR AM\_targetRNA \_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCACTCGTATCTTACATGACGTGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAGGCTAGTCCGTTATCAAC |
| 18266 | Chunk7BC\_targetRNA \_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTTTGCGGAATATCGACCACGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 18227 | Chunk15CD\_targetRNA \_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCATATAAGTGTCCAGCCAGAGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 18228 | shrN\_targetRNA \_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCTCTTCGTTAGGACTCAATCGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |
| 18229 | Chunk9CD\_targetRNA \_FW | TGCGCATGTTTCGGCGTTCGAAACTTCTCCGCAGTGAAAGATAAATGATCCAGATCAAAATCCACCAGTGGTTTTAGAGCTAGAAATAGCAAGTTAAAATAAG |