## Supplementary Table 10 - Primers to check correct construction of gRNA plasmids

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| Primer number | Primer name | Sequence (5’ to 3’) |
| 7257 | RV\_gnd2\_gRNA\_check | TATGATCTGGCAGCTTCGCG |
| 9708 | TKL2\_beta\_dg rv | ATTCCTCATTAAGTTTTTGA |
| 9709 | SOL4\_alpha\_dg rv | CTTAATATGTGGAAAAATGT |
| 12684 | DG spHIS5 targetRNA | TTTGGTTTGCATGCTTGGAAG |
| 12729 | NQM1\_pMEL\_dg fw | ATTCATATAACTGTTCTAGA |
| 13040 | YPRCtau3\_pROS\_dg rv | CTGGAATATATTTGAATGTTTGAT |
| 13263 | PDC5 and 6 gRNA dg | AGGTATGATGCAACAACAATG |
| 13264 | ARO10 gRNA DG | CGGTTTAGAATACTTGTAAAT |
| 14602 | zwf1 gRNA dg RV | AGTCACAGATCTGAATCTAAG |
| 14757 | HIS3\_pROS\_dg rv | TATACCTGTGTGGACGTTAA |
| 14758 | URA3\_pROS\_dg fw | TCCATGGAAAAATCAGTCAA |
| 15821 | X2\_pROS\_dg rv | CTACTCTCTTCCTAGTCGCC |
| 15968 | SPR3\_pROS\_dg rv | CATTATTCGTTATAAAAGCATGAT |
| 16890 | SOL3\_pROS\_dg rv | AACAAAATATAATGCATGAGGATC |
| 16896 | GND1\_pROS\_dg rv | TCTTCTTCAATTCTTCGTAAGAT |
| 16898 | RKI1\_pROS\_dg rv | TTGAACAGTATCCTCGCATT |
| 16904 | RPE1\_pROS\_dg rv | CCATTTGAATATCCAAGTCGG |
| 16906 | TKL1\_pROS\_dg rv | CTAAAATAATATCTGGGTTAGATCA |
| 16910 | TAL1\_pROS\_dg rv | AGATCAATGATGGGTTAGTTG |
| 17621 | RKI1\_SNP1\_pROS\_dg rv | CGAAAAAAGTCCCCAAAACATG |
| 18010 | SHR\_AM\_pROS\_dg rv | CACGTCATGTAAGATACGAGTG |
| 18012 | CAN1\_pROS\_dg rv | CTCCTCCATAGAGAACGTATCG |
| 18230 | diag\_gRNA\_chunk7BC rv | CGTGGTCGATATTCCGCAAAG |
| 18231 | diag\_gRNA\_chunk15CD rv | CCTCTGGCTGGACACTTATATG |
| 18232 | diag\_gRNA\_SHR-N rv | CCGATTGAGTCCTAACGAAGAG |
| 18233 | diag\_gRNA\_chunk9CD rv | CCACTGGTGGATTTTGATCTGG |