Supplementary Table 2. Oligonucleotides used in this study

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| **primer** | **Sequence** | **Description** |
| C.a. LEU2 upstr for | GTGCTGCAAGGCGATTAAGTTGGG | NruI insertion into pSN105 |
| C.d. ARG4 upstr rev | TTATCTTAACCTTCTAGTCCACGT |
| NRU for | CACTCCAGAAATACTCCCCTTTTCTCGCGAACATTTCTGTACCGC |
| NRU rev | GATACATTTGCGGTACAGAAATGTTCGCGAGAAAAGGGGAGTATT |
| Check LEU2 up437\_for | GCATCTTTGGAACCATCATA |
| CUP9\_for | GTTGTGATTTTGCTATTCCGGCGCTCCTTCTGGGGTGCCCCGGAAGGAATTATCGAGCCA | Forward primer at -3022 bp site of *CUP9* ORF for complementation |
| CUP9\_rev | TAACACACCATCGAAAAAGTCGATACATTTGCGGTACAGAGGGCTTTGGTTTTGGTAATTTC | Reverse primer at +1578 bp site of *CUP9* ORF for complementation |
| sgRNA/F\_orf19.3499 | AAGAGCGACGATAGCAATTGGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *ORF19.3499* guide sequence |
| SNR52/R\_ orf19.3499 | CAATTGCTATCGTCGCTCTTCAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *ORF19.3499* guide sequence |
| orf19.3499\_CRISPR for | AGGAGACCCATATTTCCAATCAATTCGAATCAAATTTCCCATCTCCATCAATCAATCAACTAACAAACAAACAAATCAATTTTCCCAGTCACGACGTT | Forward primer for amplification of *ORF19.3499* deletion cassette |
| orf19.3499\_CRISPR rev | AGGGAAAGAAATATAAGGCAACGACGATAGAAGTGAAGTGTTTAAAACAAACACAGACTGGTAGATAATAAACAAATCATGTGGAATTGTGAGCGGATA | Reverse primer for amplification of *ORF19.3499* deletion cassette |
| New orf19.3499\_CRISPR for | AGGAGACCCATATTTCCAATCAATTCGAATCAAATTTCCCATCTCCATCAATCAATCAACTAACAAACAAACAAATCAATGCCAGTGTGATGGATATCTGCAG | Forward primer for amplification of *ORF19.3499* deletion cassette used in the triple mutant construction |
| New orf19.3499\_CRISPR rev | AGGGAAAGAAATATAAGGCAACGACGATAGAAGTGAAGTGTTTAAAACAAACACAGACTGGTAGATAATAAACAAATCATCCGCCAGTGTGCTGGAAT | Reverse primer for amplification of *ORF19.3499* deletion cassette used in the triple mutant construction |
| ORF19.3499\_ for | CCTTTCCCTAATGATCAACTCTTGA | Forward primer at -118 bp site of *ORF19.3499* ORF |
| ORF19.3499\_rev | TAAGTGAATTTAGTAGCTGGTTCAGCAATA | Reverse primer at +200 bp site of *ORF19.3499 ORF* |
| ARG4\_rev | TTATCTTAACCTTCTAGTCCACGT | Reverse primer to detect *CdARG4* expression cassette |
| sgRNA/F\_orf19.851 | TTCATTATTAGAAGATCTCGGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *ORF19.851* guide sequence |
| SNR52/R\_ orf19.851 | CGAGATCTTCTAATAATGAACAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *ORF19.851* guide sequence |
| orf19.851\_CRISPR for | TGGCATTTTTTTTTATCATATCTAGCATTTCATCTTCTTCATTGGTTACAATACCTATCTCACATCATATACACTAGAACTTTCCCAGTCACGACGTT | Forward primer for amplification of *ORF19.851* deletion cassette |
| orf19.851\_CRISPR rev | CCCTATAACTGATCTATTGATTTGATAGACGAATAAATATGCAATACATACATCTGTCAGTTGTGCTTATTGTTTTTCATGTGGAATTGTGAGCGGATA | Reverse primer for amplification of *ORF19.851* deletion cassette |
| New orf19.851\_CRISPR for | TGGCATTTTTTTTTATCATATCTAGCATTTCATCTTCTTCATTGGTTACAATACCTATCTCACATCATATACACTAGAACGCCAGTGTGATGGATATCTGCAG | Forward primer for amplification of *ORF19.851* deletion cassette used in the triple mutant construction |
| New orf19.851\_CRISPR rev | CCCTATAACTGATCTATTGATTTGATAGACGAATAAATATGCAATACATACATCTGTCAGTTGTGCTTATTGTTTTTCATCCGCCAGTGTGCTGGAAT | Reverse primer for amplification of *ORF19.851* deletion cassette used in the triple mutant construction |
| orf19.851 for | TCCACAGATATTGATTCATACAGAT | Forward primer at -165 bp site of *ORF19.851*ORF |
| orf19.851 rev | TAATTTATTAGTAGTTGTTTGATATTGTCG | Reverse primer at +155 bp site of *ORF19.851 ORF* |
| sgRNA/F\_PGA28 | CACTTCGCAGCCATTGGCAGGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *PGA28* guide sequence |
| SNR52/R\_PGA28 | CTGCCAATGGCTGCGAAGTGCAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *PGA28* guide sequence |
| PGA28\_CRISPR for | GTTGCATCCTCCAATAAAACACGGTCAAGTTTTTGTTTTAATTCAATTAGAAAGCTATTCACAACCCTCAATTCTCCATATTTCCCAGTCACGACGTT | Forward primer for amplification of *PGA28* deletion cassette |
| PGA28\_CRISPR rev | ACACATAAACTACTAAAGGTACAGTCTCCTATAATTGTCGGCTTTAATCATCAAGTAAATCACACTATAAATAGGAGCATGTGGAATTGTGAGCGGATA | Reverse primer for amplification of *PGA28* deletion cassette |
| New PGA28\_CRISPR for | GTTGCATCCTCCAATAAAACACGGTCAAGTTTTTGTTTTAATTCAATTAGAAAGCTATTCACAACCCTCAATTCTCCATAGCCAGTGTGATGGATATCTGCAG | Forward primer for amplification of *PGA28* deletion cassette used in the triple mutant construction |
| New PGA28\_CRISPR rev | ACACATAAACTACTAAAGGTACAGTCTCCTATAATTGTCGGCTTTAATCATCAAGTAAATCACACTATAAATAGGAGCATCCGCCAGTGTGCTGGAAT | Reverse primer for amplification of *PGA28* deletion cassette used in the triple mutant construction |
| PGA28 for | TTTAGAGTAACCAGTAATGAATTTGAAAAT | Forward primer at -149 bp site of *PGA28* ORF |
| PGA28 rev | ATCGAAAGCGCCATTACAACTG | Reverse primer at +150 bp site of *ORF19.851 ORF* |
| SNR52/R\_EFG1-1 | GTTGATTGGCTGCAGTTGTTCAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *EFG1* guide sequence |
| sgRNA/F\_EFG1-1 | AACAACTGCAGCCAATCAACGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *EFG1* guide sequence |
| EFG1\_NAT\_F | CCAACCAACCCTTAACCCATTAACGAATTAAGATTTGTTCTATTTGACTACCAAGAATATAACCCATATTATTTCCCAGTCACGACGTT | Forward primer for amplification of *EFG1* deletion cassette |
| EFG1\_NAT\_R | GTTAATGAAATATATGCTATAATCTAATTTGGAATTTATGGCAGAAAGCAGAAGGTGATGTACACAAATGATGTGGAATTGTGAGCGGATA | Reverse primer for amplification of *EFG1* deletion cassette |
| SNR52/R\_NAT-2 | CTATGTTCTGGAGCAACTTCCAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *NAT* guide sequence |
| sgRNA/F\_NAT-2 | GAAGTTGCTCCAGAACATAGGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *NAT* guide sequence |
| EFG1\_F compl | CCAACCAACCCTTAACCCATTAACGAATTAAGATTTGTTCTATTTGACTACCAAGAATATAACCCATATTA | Forward primer for amplification of *EFG1* complementation cassette |
| EFG1\_R compl | GTTAATGAAATATATGCTATAATCTAATTTGGAATTTATGGCAGAAAGCAGAAGGTGATGTACACAAATGAT | Reverse primer for amplification of *EFG1* complementation cassette |
| CaCas9\_F | ATCTCATTAGATTTGGAACTTGTGGGTT | Forward primer for amplification of *CaCas9* cassette |
| CaCas9\_R | TTCGAGCGTCCCAAAACCTTCT | Reverse primer for amplification of *CaCas9* cassette |
| SNR52\_F | AAGAAAGAAAGAAAACCAGGAGTGAA | Forward primer for amplification of *SNR52* promoter |
| sgRNA\_R | ACAAATATTTAAACTCGGGACCTGG | Reverse primer for amplification of sgRNA scaffold |
| SNR52/N | GCGGCCGCAAGTGATTAGACT | Forward nested primer for construction of sgRNA expression cassette |
| sgRNA/N | GCAGCTCAGTGATTAAGAGTAAAGATGG | Reverse nested primer for construction of sgRNA expression cassette |
| EFG1 154 up\_F | GCCTCCCACATTAGTTGCTC | Forward primer at -154 bp of *EFG1* ORF |
| EFG1 119 down\_R | ATGGCAGAAAGCAGAAGGTG | Reverse primer at +119 bp downstream of *EFG1* ORF |
| EFG1 orf 154\_R | TTGGTTGTTGCATTGTCGAT | Reverse primer at +154 bp of *EFG1* ORF |
| NAT\_R | TCAATGGTGGATCAACTGGAACTTC | Reverse primer to detect *NAT* expression cassette |
| C.a. ARG4 compl\_F | TTGACAAGGCAAAAAAAAAAAAATTTTATCTTTGAAAAATTTTTCTTCCTTTTCTTCTTCTGTTCTTTACATAACAGCTATCAAGAATAATCAATTAATA | Forward primer for amplification of *ARG4* complementation cassette |
| C.a. ARG4 compl\_R | ATTATAACACTAGTATTGGAGTACAAGGTATCTCTGTGTTAATTGATTATATTTTATGTAAGTTAAACAATACTGTGATTATTATATGACTATTTATAAA | Reverse primer for amplification of *ARG4* complementation cassette |
| C.a. ARG4 check\_F | CTCAAATAAACCAGAATGAAGGATTGAAGG | Forward primer at -427 bp of *ARG4* ORF |
| C.a. ARG4 check\_R | AAGAGGTAGTCTCCGATTATGATTCAGACG | Reverse primer at +363 bp downstream of *ARG4* ORF |
| SNR52/R\_arg4::dpl200 | AGCAGCGGGATTATTCTTGACAAATTAAAAATAGTTTACGCAAGTC | Reverse primer for amplification of *SNR52* promoter with overlapping *arg4::dpl200* guide sequence |
| sgRNA/F\_arg4::dpl200 | TCAAGAATAATCCCGCTGCTGTTTTAGAGCTAGAAATAGCAAGTTAAA | Forward primer for amplification of sgRNA scaffold with overlapping *arg4::dpl200* guide sequence |