

Supplemental Table 2: Primers used in this study for construction of mutant strains.

Primer name*	Sequence
Afu3g08520 5F	5'-gtaacgccagggtttcccagtcacgacgCTTGCTTGCTTGCTTGCTT-3'
Afu3g08520 5R	5'- <u>gcatcagtgccctcctctcagacagaattcc</u> GCAGTAAACAAGGAACACCACG-3'
pyrG FW	5'-GGAATTCTGTCTGAGAGGAGGC-3'
pyrG REV	5'-GATATCGAATTCGCCTCAAAC-3'
Afu3g0852 3F	5'- <u>aagagcattgtttgaggcgaattcgatc</u> ACTTTCTTGAATATTGCGATGG-3'
Afu3g0852 3R	5'-gCGgataacaatttcacacaggaacagcTCAGCGTCCGGTAAGTTG-3'
rlmA 1000 FW	5'-CGTGTGGTTGCCAGCCTTGACCAGG-3'
rlmA 1000 REV	5'-TCGTCTACCAGAACGACCTCGCGCG-3'
rlmA ST SC 5F	5' – gtaacgccagggtttcccagtcacgacgATGGGTGAAGAAAGATCGA-3'
rlmA ORF REV	5'- <u>agttctctcctttactcattccccgtgttc</u> CGTCTTGGATTTCTTCGCC-3'
rlmA 600 ups	5'-GAATGAGAAGAAAGGAGGAATGA-3'
Spacer GFP FW	5'- GGAACACGGGGA ATGAGTAAAGGAGAAGAAGAACTTTTCA-3'
GFP REV pyrG	5'-GCATCAGTGCCTCCTCTCAGACAGAATTCC TTATTTGTATAGTTCATCCATGCCATG-3'
MpkA_5'_For [§]	5'-CTCATTCTTGTCTGATGCG-3'
MpkA_3'_Rev [§]	5'-GACTGTGCGAGAAATCCGCTT-3'
mpkA 600 ups	5'-GAGCCCTGACTTCACTGCA-3'
cpkA FW [¶]	5'-TACAACATACCTGGCTGGATG-3'

Small letters indicate homology to the pRS426 flanking sequence

Small underlined letters indicate homology to a fragment in the cassette

Bold letters indicate the Gly-Thr-Arg-Gly linker separating *rlmA* C-terminus and GFP start codon.

* For primers location refer to Figure S1.

§ Sequence from Valiante *et al.*, 2009

¶ Sequence from Rocha *et al.*, 2015

References

- Rocha, M.C., Godoy, K.F., de Castro, P.A., Hori, J.I., Bom, V.L., Brown, N.A., *et al.*, (2015) The *Aspergillus fumigatus* *pkcAG579R* Mutant Is Defective in the Activation of the Cell Wall Integrity Pathway but Is Dispensable for Virulence in a Neutropenic Mouse Infection Model. *PLoS One* **10**: e0135195.
- Valiante, V., Jain, R., Heinekamp, T. and Brakhage, A.A., (2009) The MpkA MAP kinase module regulates cell wall integrity signaling and pyomelanin formation in *Aspergillus fumigatus*. *Fungal Genet Biol* **46**: 909-918.