

Bert Oakley carried the yellow highlighted strains to FACS on 2-18-10.

350 **Table 1.** *A. nidulans* strains used in this study.

Fungal strain or transformant(s)	<i>cclA</i> and/or <i>mdp</i> mutation(s)	genotypes
LO2026	None	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB</i>
LO2051	<i>cclA</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA</i>
LO2731, LO2732, LO2733	<i>cclA</i> Δ, AN10039.4Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; AN10039.4::AfpYrG</i>
LO2736, LO2737, LO2739	<i>cclA</i> Δ, <i>mdpA</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpA::AfpYrG</i>
LO2741, LO2743, LO2745	<i>cclA</i> Δ, <i>mdpB</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpB::AfpYrG</i>
LO2746, LO2747	<i>cclA</i> Δ, <i>mdpC</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpC::AfpYrG</i>
LO2751, LO2752	<i>cclA</i> Δ, <i>mdpD</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpD::AfpYrG</i>
LO2756, LO2759	<i>cclA</i> Δ, <i>mdpE</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpE::AfpYrG</i>
LO2761, LO2762, LO2763	<i>cclA</i> Δ, <i>mdpF</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpF::AfpYrG</i>
LO2149	<i>cclA</i> Δ, <i>mdpG</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpG::AfpYrG</i>
LO2766, LO2767,	<i>cclA</i> Δ, <i>mdpH</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpH::AfpYrG</i>
LO2772, LO2773, LO2774	<i>cclA</i> Δ, <i>mdpI</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpI::AfpYrG</i>
LO2776, LO2777, LO2778	<i>cclA</i> Δ, <i>mdpJ</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpJ::AfpYrG</i>
LO2782, LO2784	<i>cclA</i> Δ, <i>mdpK</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpK::AfpYrG</i>
LO2786, LO2788, LO2789	<i>cclA</i> Δ, <i>mdpL</i> Δ	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; cclA::AfpYROA; mdpL::AfpYrG</i>
LO2333	<i>alcA</i> (p)- <i>mdpE</i>	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; mdpE::AfpYrG-alcA(p)-mdpE</i>
LO3530, LO3531, LO3532	<i>alcA</i> (p)- <i>mdpA</i>	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; mdpA::AfpYROA-alcA(p)-mdpA</i>
LO3570, LO3572	<i>alcA</i> (p)- <i>mdpE</i> , <i>alcA</i> (p)- <i>mdpA</i>	<i>pyrG89; pyroA4, nkuA::argB; riboB2, stcJ::AfriboB; mdpE::AfpYrG-alcA(p)-mdpE, mdpA::AfpYROA-alcA(p)-mdpA</i>

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352 Multiple transformants were used in analyses of secondary metabolite production. *AfriboB*,

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AfpYrG, *AfpYROA* are *A. fumigatus* genes (22) used for replacement of *A. nidulans* genes. All