**Supplementary Data**

**Optimization of *Pichia pastoris* expression system for high-level production of Margatoxin**

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A picture containing lit, light, dark

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**Suppl. Figure 1:** Growth of *Pichia* X-33 clones on different concentration of Zeocin after 2 days

A screenshot of a computer

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**Suppl. Figure 2:** 2% agarose gel showing the results of colony PCR of *Pichia* X-33 clones transformed with TrMgTx- pPICZαA. M: 100bp DNA marker, **Lane** **1-8**: X-33 clones, **C**: Clone with empty plasmid, **PC**: positive control TrMgTx- pPICZαA plasmid.