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(54) **Title**: HIGHLY PURE PLASMID DNA PREPARATIONS AND PROCESSES FOR PREPARING THE SAME

(57) **Abstract**: The present disclosure generally relates to highly pure plasmid compositions having low, or undetectable, levels of colanic acid and other contaminants, and processes for preparing the same. Polypeptides useful in such processes are also described. The processes and compositions described herein have a range of uses, including diverse applications in the field of bioterrorism, environmental science, food science, forensics, molecular biology, and health and medicine.