

# PLASMID LIBRARY FOR MIRNA, PUMILIO, SMAUG AND AU-RICH ELEMENTS

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T-019514

This is the pcDNA-5 plasmid library with 6500 barcoded constructs containing eGFP followed by 650 combinations of 3'UTRs with miRNA, Pumilio, Smaug and AU-rich. This library can be used to optimize gene expression and to study gene regulation by different micro RNAs and RNA-binding proteins.

Cottrell, K. A., Chaudhari, H. G., Cohen, B. A., & Djuranovic, S. (2018). [PTRE-seq reveals mechanism and interactions of RNA binding proteins and miRNAs](#). *Nature communications*, 9(1), 1-13.