

PLASMIDS FOR CYANOBACTERIAL CRISPR AND HIGH SUCROSE PRODUCTION

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Plasmid for CRISPR interference in *Synechococcus* sp. UTEX 2973:

pSL3287 ([Addgene](#)), included in publication: [Tunable repression of key photosynthetic processes using Cas12a CRISPR interference in the fast-growing cyanobacterium *Synechococcus* sp. UTEX 2973](#)

Plasmids for high level of sucrose production in *Synechococcus* sp. UTEX 2973:

pSL3005 - PlacUV5-*cscB* (*E. coli*), *lacI*, NS3-targeting [KanR]

([Addgene](#)), included in publication: [Enhance production of sucrose in the fast-growing cyanobacterium *Synechococcus elongatus* UTEX 2973](#)

pSL3360 - Psps (*Synechocystis* 6803), RSF1010 plasmid [GmR]

Included in publication: [Enhance production of sucrose in the fast-growing cyanobacterium *Synechococcus elongatus* UTEX 2973](#)