## CLAIMS

What is claimed is:

1. A nucleic acid, comprising

a first and a second promoter,

wherein

either the first promoter or the second promoter is an inducible promoter and is inducible by a small molecule;

the first and second promoters are operably linked to a first gene; and

the first gene encodes a protein involved in the synthesis of 3-hydroxypropionic acid (3-HP), a salt of 3-HP, or coenzyme B12,

wherein at least the 10 codons at the 5'-terminus of the first gene are optimized for translation in *Pseudomonas denitrificans*, wherein the codons optimized for translation in *Pseudomonas denitrificans* comprise a sequence that is at least 95% identical to SEQ ID NO: 30 (Opt-3).