SITE SPECIFIC INCORPORATION OF NON-NATURAL AMINO ACIDS BY VERTEBRATE CELLS

ABSTRACT

This invention provides compositions and methods for producing translational components that expand the number of genetically encoded amino acids in vertebrate cells. The components include orthogonal tRNA's, orthogonal aminoacyl-tRNA synthetases, orthogonal pairs of tRNA's/synthetases and unnatural amino acids. Proteins and methods of producing proteins with unnatural amino acids in vertebrate cells are also provided.

No suitable figure