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GenBank: EF537649.1

Synthetic construct mammalian codon-optimized halorhodopsin gene, complete cds

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[Full text in PMC](#)[Protein](#)[PubMed](#)[Taxonomy](#)LOCUS EF537649 876 bp DNA linear SYN
07-MAY-2007

DEFINITION Synthetic construct mammalian codon-optimized halorhodopsin gene, complete cds.

ACCESSION EF537649

VERSION EF537649.1 GI:146160718

KEYWORDS .

SOURCE synthetic construct

ORGANISM [synthetic construct](#)

other sequences; artificial sequences.

REFERENCE 1 (bases 1 to 876)

AUTHORS Han,X. and Boyden,E.S.

TITLE Multiple-color optical activation, silencing, and desynchronization of neural activity, with single-spike temporal resolution

JOURNAL PLoS ONE 2, E299 (2007)

PUBMED [17375185](#)

REMARK Publication Status: Online-Only

REFERENCE 2 (bases 1 to 876)

AUTHORS Han,X. and Boyden,E.S.

TITLE Direct Submission

JOURNAL Submitted (04-APR-2007) MIT Media Lab, MIT, 20 Ames St., E15-430, Cambridge, MA 02139, USA

FEATURES Location/Qualifiers

source

1..876

/organism="synthetic construct"

/mol_type="other DNA"

/db_xref="taxon:32630"

/note="from archaeobacteria Natronomas pharaonis but mammalian codon-optimized"

1..876

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/transl_table=11

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/db_xref="GI:146160719"

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ORIGIN

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//

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