

Formamide-based production of amines by metabolically engineering *Corynebacterium glutamicum*

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Tab. S1 Oligonucleotides used in this work. Overhangs for Gibson assembly are indicated by italics and RBS by bold letters

Name	Sequence (5'-3')	Purpose
<i>amiF</i> -fw	<i>TAATGGTTCCATGGAATTCGAGCTCGGTACCCGG</i> GGAAAGGAGGCCCTTCAGATGGG	Amplification of <i>amiF</i> from pUC57 <i>amiF-ptxD</i>
<i>amiF</i> -rv	<i>CCAAGCTTGCATGCCTGCAGGTCGACTCTAGAGT</i> TACTTACCGAAGCGACCGCC	Amplification of <i>amiF</i> from pUC57 <i>amiF-ptxD</i>
<i>amiF</i> -s	CGCGATCATTATCGATCCACAG	Sequencing of <i>amiF</i> for verification
<i>crimson</i> -fw	<i>GAATTCGAGCTCGGTACCCGGGAAAGGAGGC</i> CCTTCAGATGGATAGCACTGAGAACGTCATC	Amplification of <i>crimson</i> from pVWEx1 <i>crimson</i>
<i>crimson</i> -rv	<i>CATGCCTGCAGGTCGACTCTAGAGCTACTGGAAC</i> AGGTGGTGGCG	Amplification of <i>crimson</i> from pVWEx1 <i>crimson</i>
<i>amiF-gfp</i> -fw	<i>CCACCGGCGGTTCGCTTCGGTAAGTAACTAGAAA</i> GGAGGCCCTTCAGATGAGTAAAGG	Amplification of <i>gfp_{UV}</i> from pECXT <i>P_{syn}-gfp_{UV}</i>
<i>gfp</i> -rv	<i>CCAAGCTTGCATGCCTGCAGGTCGACTTTATTTG</i> TAGAGCTCATCCATGCC	Amplification of <i>gfp_{UV}</i> from pECXT <i>P_{syn}-gfp_{UV}</i>
<i>fdh_{Cg}</i> -fw	<i>CCACCGGCGGTTCGCTTCGGTAAGTAACTGAAGG</i> GCCTCCTTTCATGACAACCCCTCCAAGT	Amplification of <i>fdh_{Cg}</i> from genomic DNA of <i>C. glutamicum</i> WT
<i>fdh_{Cg}</i> -rv	<i>CCAAGCTTGCATGCCTGCAGGTCGACTTTATCCG</i> AGCTCGCCCGC	Amplification of <i>fdh_{Cg}</i> from genomic DNA of <i>C. glutamicum</i> WT
<i>fdh_{Ps}</i> -fw	<i>CCCAACCACGGCGGTTCGCTTCGGTAAGTAACTG</i> AAAGGAGGCCCTTCAGATGCATCATCACC	Amplification of <i>fdh_{Ps}</i> from pZ-ASL-FDH-v9
<i>fdh_{Ps}</i> -rv	<i>CCAAGCTTGCATGCCTGCAGGTCGACTTTAAACA</i> GCTTTTTTGAATTAGCAGCTTCTTC	Amplification of <i>fdh_{Ps}</i> from pZ-ASL-FDH-v9
<i>gfp</i> -s	GATGGATCCGTTCAACTAGCAGAC	Sequencing of <i>gfp_{UV}</i> for verification
pECXT <i>s</i> -rv	TACTGCCGCCAGGCAAATTC	Sequencing of pECXT <i>P_{syn}</i> plasmids for verification
pECXT <i>s</i> -fw	TCAGTGAGCGAGGAAGC	Sequencing of pECXT <i>P_{syn}</i> plasmids for verification