

Supplementary data

Methanol-essential growth of *Corynebacterium glutamicum*: Adaptive laboratory evolution overcomes limitation due to methanethiol assimilation pathway

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Table S1. Oligonucleotides used as primers.

Oligonucleotide	Sequence
rpi-up_F	5'-TGCAGGTCGACTCTAGAGCGCACCTTTAGGGCGTATGG-3'
rpi-up_R	5'-GGGTAGGTGATTTGAATTTGTTCCAAGGTATACGCGCATGG-3'
rpi-dn_F	5'-ACAAATTCAAATCACCTACCCGCACTGGAATCGCACCT-3'
rpi-dn-R	5'-CGACGGCCAGTGAATTCGAGCCTTGGTGGGCAAG-3'
rpi-ko_F	5'-CTTGGCGGCGTCTACATTC-3'
rpi-ko_R	5'-ACTACTACCCTGGCGGTAAC-3'
rpi_F	5'-ATTACGCCAAGCTTGCATGCCTGCAGAAAGGAGGCCCTTCAGATGCGCGTATACCTTGGAGC-3'
rpi_R	5'-AGTGAATTCGAGCTCGGTACCCGGGTTATTCTAGGAACGACAGGTGC-3'
mdh_F	5'-ATTACGCCAAGCTTGCATGCCTGCAGAAAGGAGGCCCTTCAGATGACAACAACTTTTTCATTCCACCAG-3'
hxlB_R	5'-AGTGAATTCGAGCTCGGTACCCGGGGATCCCTATTCAAGGTTTGCCTGGTGAG-3'
pK19_F	5'-CGCCAGGGTTTTCCAGTCACGAC-3'
pK19_R	5'-AGCGGATAACAATTTACACAGGA-3'
exp_F	5'-GCGCCGACATCATAACGG-3'
exp_R	5'-GGCGTTTCACTTCTGAGTTCGG-3'
cg3104-up F	5'-CCTGCAGGTCGACTCTAGAGACAAAAGTGAAGCGATGCCCAAAG-3'
cg3104-up R	5'-AATTGCCCTGAGCTTGTTCTGCTGGTCACTTCT-3'
cg3104-dn F	5'-CGAACAAGCTCAGGGCAATCCAGTTTCTAGGATCG-3'
cg3104-dn R	5'-ATTCGAGCTCGGTACCCGGGCGCCACCACCTCCGCTGTAAAC-3'
metK_S288N F	5'-GCATGCCTGCAGGTCGACTCTAGAGTTGGCGCACCGACTGTCACGTGC-3'
metK_S288N R	5'-AGTGAATTCGAGCTCGGTACCCGGGGGTTTGGCCATGAATCCGAAGATACTACA-3'
cada F	5'-TTCGAGCTCGGTACCCGGGGATCCTCTAGAGAAAGGAGGCCCTTCAGGTGGCCCTGGTCTGACAG-3'
cada R	5'-AAGCTTGCATGCCTGCAGGTCGACTCTAGATTATCCCGCCATTTTAGGACTCG-3'
gntK F	5'-ACCGTGCATGGTGGCTAGTC-3'
gntK R	5'-GCAAGGTGGATGGCATGAAG-3'
oriV F	5'- GCAAGGTGGATGGCATGAAG-3'
oriV R	5'- AGCATGTTGCGGTGCAAGTG-3'