

Supplementary Table 1

nikA knockout primers

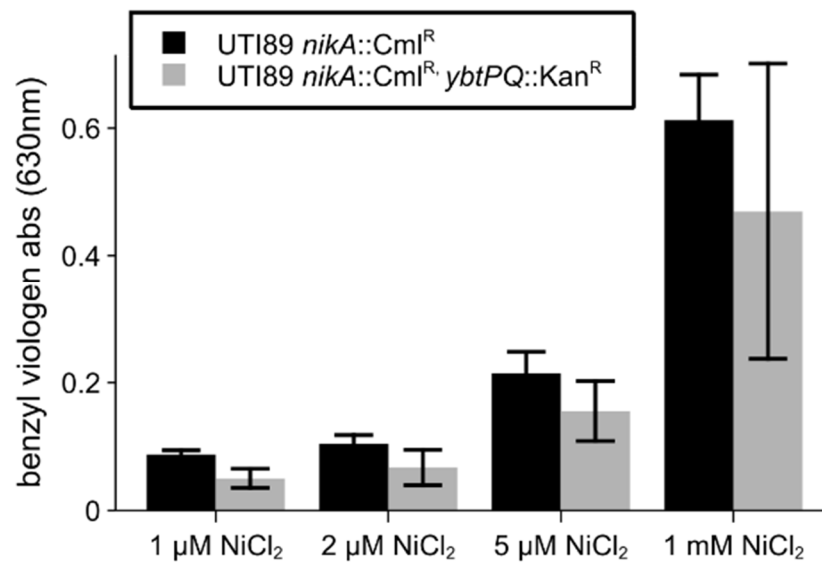
left; AAAATCGTCATACTTATTTCCGCCATCTATTTTAATCCATTGGGGTTACCGTGTAG
GCTGGAGCTGCTTC

right; TAACGCAACATTAAGGTTTCACCGGTTTAATCTGTTTCGAACGGGATTTTCGCATG
GGAATTAGCCATGGTC

nikA screening primers

left; CCGCCCACCCGACTGCCCATC

right; GAGGCGGCGAGCACCATCGGG



Supplementary Figure 1. NiCl₂ rescues hydrogenase activity. The hydrogenase assay shown in Fig. 3 was repeated with NiCl₂ supplementation. The experiment was performed in triplicate, results are shown as mean ± s.d.