

Table S3: Difference in relative transcript abundance between promoter knockout and codon-deoptimized strains for genes 9–12. Adjusted  $p$ -values are FDR corrected (see Methods).

Strain	Gene	Difference	Adjusted $p$ -value
$\Delta\phi_{9\text{deop}}$	<i>8</i>	0.02000	2.5e-05
$\Delta\phi_{9\text{deop}}$	<i>9</i>	0.02700	2.5e-05
$\Delta\phi_{9\text{deop}}$	<i>12</i>	0.00140	2.1e-01
$\Delta\phi_{9\text{deop}}$	<i>11</i>	0.00130	2.8e-01
$\Delta\phi_{9\text{deop}}$	<i>10A</i>	0.01300	6.1e-01
$\Delta\phi_{10\text{deop}}$	<i>9</i>	0.01300	6.2e-03
$\Delta\phi_{10\text{deop}}$	<i>11</i>	0.00380	6.2e-03
$\Delta\phi_{10\text{deop}}$	<i>12</i>	0.00390	6.2e-03
$\Delta\phi_{10\text{deop}}$	<i>10A</i>	0.04300	1.4e-02
$\Delta\phi_{10\text{deop}}$	<i>8</i>	-0.00033	9.2e-01