

Additional file 5: Fed-batch dark fermentative biohydrogen production

Genus	Species	Strain	$Y_{(H_2/S)}$ [mol mol⁻¹]	Temperature [°C]	pH	Substrate and discriminative condition	Reference[†]
<i>Clostridium</i>	<i>tyrobutyricum</i>	ATCC 25755	1.43	37	6.0	glucose, free cells	[38]
<i>Clostridium</i>	<i>tyrobutyricum</i>	ATCC 25755 recombinant	1.56	37	5.0	xylose, cells immobilized	[38]
<i>Clostridium</i>	<i>tyrobutyricum</i>	ATCC 25755 recombinant	2.06	37	6.0	glucose, cells immobilized	[38]
<i>Clostridium</i>	<i>tyrobutyricum</i>	ATCC 25755 recombinant	2.06	37	5.0	glucose, cells immobilized	[38]
<i>Clostridium</i>	<i>tyrobutyricum</i>	ATCC 25755 recombinant	2.15	37	6.0	glucose, free cells	[38]

[†] for reference please refer to manuscript