

**Supplementary Table S2**

Plasmid name	Description	Marker	Reference
pNAT	<i>NAT1</i> marker	ampR	Min <i>et al.</i> , 2016
pV1093	CaCas9/sgRNA expression vector	ampR	Vyas <i>et al.</i> , 2015
pMH01	pRS424 carrying <i>C.d.HIS1</i> from pSN52 at KpnI site	ampR	Huang and Mitchell, 2017
pMH02	pRS424 carrying <i>C.d.HIS1</i> from pSN52 at SapI site	ampR	Huang and Mitchell, 2017
pGEM- <i>HGCI</i>	pGEM-2T	ampR	This study
pTH10	$P_{RBT5}$ cassette	ampR	Mao <i>et al.</i> , 2022
pMH05	YE <sub>p</sub> 24 carrying <i>NAT1</i> from pNAT at BamHI site	ampR	Huang <i>et al.</i> , 2019
pMH06	YE <sub>p</sub> 24 carrying <i>NAT1</i> from pNAT at XmaI site	ampR	Huang <i>et al.</i> , 2019

**Supplementary Table S2: Plasmids used in this study**