

Supplementary Table S1 Mean G+C contents for the conserved and non-conserved genes in the *echD-npd* islands of *Geobacillus* sp. A8 and *G. caldoxylolyticus* CIC9.

<i>Geobacillus</i> strain	A8	CIC9
Mean Genomic G+C content	52.41%	44.17%
Mean <i>echD-npd</i> island G+C content	46.75%	38.83%
# conserved genes	41	41
# non-conserved genes	7	28
G+C content conserved	47.23%	39.48%
G+C content non-conserved	49.53%	39.05%