

**[Supporting information]**

**Development of a secretion system for the production of heterologous proteins in *Corynebacterium glutamicum* using the Porin B signal peptide**

**Seul Ji An<sup>1</sup>, Sung Sun Yim<sup>1</sup>, Ki Jun Jeong<sup>1,2\*</sup>**

**Table S1.** List of primers used in PCR experiments

No.	Primer sequence <sup>a</sup>	The amplified gene	source
F1	5'- <b>GAGGTACCC</b> AAAAAGACACGGTAAATCAGCC	PorB promoter	<i>C. glutamicum</i>
R1	5'- CAT <b>GGATCC</b> GATTTTTAGGGCTCCTTTTAAGGTTTAAGT	(P <sub>porB</sub> )	ATCC13032
F2	5'- <b>GAGGATCC</b> ATGAAGCTTTCACACCGCAT	PorB signal peptide	<i>C. glutamicum</i>
R3	5'-GT <b>GCTGCAGTGC</b> GGAAGCAGGTGC		ATCC13032
F3	5'-CAC <b>CTGCAGCACCCATGGG</b> CTGGCACAGATTACTGG	<i>XynA-Ba</i> fused with	[29]
R4	5'-CGAT <b>GCGGCCGCTTAATGATGGT</b> GATGGT <b>GATGCCATGGCC</b> CACACTGTTACA TTAGAAC	His <sub>6</sub> -tag	
F4	5'-CAC <b>CTGCAGGCCGAGAGC</b> ACGCTC	<i>XynA-St</i> fused with	<i>S. coelicolor</i> A3(2)
R5	5'-GCAT <b>GCGGCCGCTT</b> ATTAATGATGGT <b>GATGGT</b> GATGGGTGCGGGT CCAGC	His <sub>6</sub> -tag	
F5	5'-GT <b>GCTGCAGGATATTCAGATGACACAGACTACAT</b>	M18 scFv fused with	[21]
R6	5'-GCAT <b>GCGGCCGCTT</b> ATTTGTCATCGTCATCTTTATAATCCGAGGA GACG GTG	FLAG tag	

<sup>a</sup> Restriction enzyme sites are shown in bold