TABLE S1. Primers used in this study

Primer	Sequence (5'–3') [a]
comS-uF	CTCTCCCGTCTTTAGATAG
comS-uRspec	GAAAAATTCTATAGAAACTTCTCTCAATTAGGCTCTATAGTACATATTTAACCC
comS-dFspec	TACAGATTAATAATTATTCTTTATTATACAGATCGAGCCATCATGCCAAAATG
comS-dR	ATTTCACCAGTACGACG
comS-uRerm	CTACTGACAGCTTCCAAGGAGCTAAAGAGGTCCCCTATAGTACATATTTAACCC
comS-dFerm	GCAAGTCAGCACGAACACGAACCGTCTTATCTCCGAGCCATCATGCCAAAATG
PcomX-SpeI	AACTACTAGTCGTTAGATTTTTAGGCG
PcomX-EcoRI	GAAGAATTCTCTTGTTCCATTGAACCTCC
PdprA-SpeI	AACTACTAGTAATTGCTGTTCTGATTC
PdprA- EcoRI	GAAGAATTCAAGTTATTCATCTAACTACC
ComS-NcoI	CCACCATGGGGAAAACCCTGAAAATATTTG
ComS-PstI	CCTGCTGCAGGGCATGATGGCTCCTTATTAAAG

[a]Restriction enzyme recognition sequences are underlined

Table S2. Peptides with a signaling function, imported by an oligopeptide transporter, and for which the amino-acid sequence of the mature form has been determined

Name	Bacterial species	Role	Encoded by	Precursor size	Mature peptide size	Mature sequence	Location of the mature form	References
cCF10	*Enterococcus faecalis*	Conjugation	Lipoprotein	Signal peptide (23 aa)	7 aa	LVTLVFV	Internal fragment of the signal peptide	(1)
PhrC	*Bacillus subtilis*	Sporulation/ competence	Short ORF	40 aa	5 aa	ERGMT	C-terminal end	(2)
PapR	*Bacillus cereus*	Virulence	Short ORF	48 aa	7 aa	ADLPFEF	C-terminal end	(3)
SHP1358	*Streptococcus thermophilus*	Production of a cyclic peptide	Short ORF	23 aa	9 aa	EGIIVIVVG	C-terminal end	(4)
ComS	*Streptococcus mutans*	Competence	Short ORF	17 aa	7 aa	GLDWWSL	C-terminal end	(5)
ComS	*Streptococcus thermophilus*	Competence	Short ORF	24 aa	11 aa	IAILPYFAGCL	C-terminal end	this work

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