

Table S1. Primers used to construct expression plasmids for recombinant protein production

Name	Sequences 5'→ 3' ¹	Size Amplified fragment
gallo2178- <i>NheI</i>	AGCT GCTAG CTATGATATTACTGTTGAGAACGGT	1293 bp
gallo2178- <i>Bam</i> H1	GTTCC GGATC CTCAAGTTGAAGGAAGTGTTC	1293 bp
gallo2179- <i>NheI</i>	GAAGTAG CTAGC GCTGATGTTAGTAATCGTGTA	1807 bp
gallo2179- <i>Bam</i> H1	TAAT GGATC CTCAACCTGTATTAGGGAATAG	1807 bp
gallo1569- <i>NheI</i>	AAAGCC GCTAGC GATGAGTCAACTTATACG	1370 bp
gallo1569- <i>Bam</i> H1	GTTCC GGATC CTCAAGTTGAAGGAAGTTTTGAACC	1370 bp
gallo2039- <i>NdeI</i>	GCAGTAC ATATG CAAACAGTTGACTCAGGT	1283 bp
gallo2039- <i>Bam</i> H1	CCAA AGGATC CTCATGAAGGCAATTCTGCACC	1283 bp

¹ restriction sites used for cloning are in bold