

Title	Metagenomic identification of a novel salt tolerance gene from the human gut microbiome which encodes a membrane protein with homology to a brp/blh-family β -carotene 15,15'-monooxygenase
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Table S1. Oligonucleotide primers

Primer	Sequence (5' – 3')^a
pCI372 FP	CGGGAAGCTAGAGTAAGTAG
pCI372 RP	CCTCTCGGTTATGAGTTAG
pBAD FP	ATGCCATAGCATT TTTTATC
pBAD RP	GATTTAATCTGTATCAGG
<i>brpA_S</i> FP	AAA <u>ACTGCAG</u> ACCCAACACGATGCCATATT
<i>brpA_S</i> RP	GCT <u>CTAGATA</u> ACAGGGTGCGGTGATACA
<i>brpAatfA</i> FP	AAA <u>ACTGCAG</u> TAGCGGCTGGATCGGTAGTA
<i>brpAatfA</i> RP	GCT <u>CTAGA</u> ACCCAACACGATGCCATATT
<i>brpA_L</i> FP	AAA <u>ACTGCAG</u> GCCGAATATCAACCCAACAC
<i>brpA_L</i> RP	GCT <u>CTAGA</u> AAGGTATTTGTGCCTTGTGCT
EZTn-FP-1	GCCAACGACTACGCACTAGCCAAC
EZTn-RP-1	GAGCCAATATGCGAGAACACCCGAGAA

^aRestriction enzyme cut-sites are underlined (*Pst*I, CTGCAG; *Xba*I, TCTAGA)