

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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Publication date	2014
Original citation	Culligan EP, Sleator RD, Marchesi JR, Hill C (2014) 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. PLoS ONE 9(7): e103318. doi:10.1371/journal.pone.0103318
Type of publication	Article (peer-reviewed)
Link to publisher's version	http://dx.doi.org/10.1371/journal.pone.0103318 Access to the full text of the published version may require a subscription.
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Figure S1. Growth in LB and LB + 7% NaCl

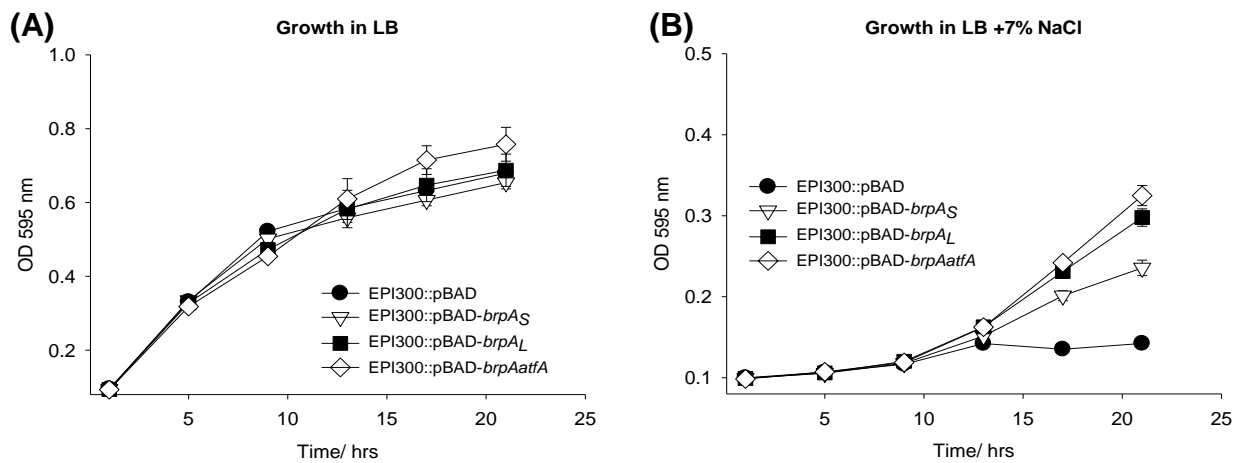


Figure S1. Growth of *E. coli* EPI300::pBAD and EPI300::pBAD-*brpAS* ($P = 0.0008$), EPI300::pBAD-*brpAL* ($P = 0.0002$) and EPI300::pBAD-*brpAatfA* ($P = 0.0001$) in **(A)** LB broth and **(B)** LB broth supplemented with 7% NaCl. All three strains had a statistically significant increased salt tolerance compared to EPI300 carrying an empty copy of the pBAD vector. Numbers in parentheses indicate significant P values (unpaired student t-test). All values are the average of triplicate experiments and error bars are representative of the standard error of the mean (SEM).