

Target name	Primer sequence (5'-3')	Annealing temperature (°C)	Reference
cadA1-Tn5422	1- CAGAGCATTTACTGACCATCAATCGTT	55	Mullapudi, S., Siletzky, R. M., & Kathariou, S. (2010). Diverse cadmium resistance determinants in <i>Listeria monocytogenes</i> isolates from the turkey processing plant environment. <i>Applied and Environmental Microbiology</i> , 76(2), 627–30. http://doi.org/10.1128/AEM.01751-09
	2- TCTTCTTCATTTAACGTTCCAGCAAAAA		
cadA2-pLM80	1- ACAAGTTAGATCAAAAGAGTCTTTTATT	55	Mullapudi, S., Siletzky, R. M., & Kathariou, S. (2010). Diverse cadmium resistance determinants in <i>Listeria monocytogenes</i> isolates from the turkey processing plant environment. <i>Applied and Environmental Microbiology</i> , 76(2), 627–30. http://doi.org/10.1128/AEM.01751-09
	2- ATCTTCTTCATTTAGTGTTCTGCAAAT		
cadA3-EGDe	1- TGGTAATTTCTTTAAGTCATCTCCATT	55	Mullapudi, S., Siletzky, R. M., & Kathariou, S. (2010). Diverse cadmium resistance determinants in <i>Listeria monocytogenes</i> isolates from the turkey processing plant environment. <i>Applied and Environmental Microbiology</i> , 76(2), 627–30. http://doi.org/10.1128/AEM.01751-09
	2- GCGATGATTGATAATGTCGATTACAAAT		
LMOSA_2330	1- GCATACGTACGAACCAGAAG	55	Lee, S., Rakic-Martinez, M., Graves, L. M., Ward, T. J., Siletzky, R. M., & Kathariou, S. (2013). Genetic determinants for cadmium and arsenic resistance among <i>Listeria monocytogenes</i> serotype 4b isolates from sporadic human listeriosis patients. <i>Applied and Environmental Microbiology</i> , 79(7), 2471–6. http://doi.org/10.1128/AEM.03551-12
	2- CAGTGTTTCTGCTTTTGCTCC		
LMOSA_2220	1- CAACTTTGACCCTGTGGAG	55	Lee, S., Rakic-Martinez, M., Graves, L. M., Ward, T. J., Siletzky, R. M., & Kathariou, S. (2013). Genetic determinants for cadmium and arsenic resistance among <i>Listeria monocytogenes</i> serotype 4b isolates from sporadic human listeriosis patients. <i>Applied and Environmental Microbiology</i> , 79(7), 2471–6. http://doi.org/10.1128/AEM.03551-12
	2- CTTTCCATTCAATCACTGCG		
pLI37	1- CAACCAGATCAGTTACCATTAAC	55	Lee, S., Rakic-Martinez, M., Graves, L. M., Ward, T. J., Siletzky, R. M., & Kathariou, S. (2013). Genetic determinants for cadmium and arsenic resistance among <i>Listeria monocytogenes</i> serotype 4b isolates from sporadic human listeriosis patients. <i>Applied and Environmental Microbiology</i> , 79(7), 2471–6. http://doi.org/10.1128/AEM.03551-12
	2- TGCTTCTCCAGAGATTCTTCTG		
F2365_2257	1- ACATTGCGAGAACACCTTGG	55	Lee, S., Rakic-Martinez, M., Graves, L. M., Ward, T. J., Siletzky, R. M., & Kathariou, S. (2013). Genetic determinants for cadmium and arsenic resistance among <i>Listeria monocytogenes</i> serotype 4b isolates from sporadic human listeriosis patients. <i>Applied and Environmental Microbiology</i> , 79(7), 2471–6. http://doi.org/10.1128/AEM.03551-12
	2- GATTATCGGCGCAATGACG		
mdrL	1- TTTCGAGCTGGTTGGG	50	Romanova, N. A., Wolffs, P. F. G., Brovko, L. Y., & Griffiths, M. W. (2006). Role of Efflux Pumps in Adaptation and Resistance of <i>Listeria monocytogenes</i> to Benzalkonium Chloride. <i>Applied and Environmental Microbiology</i> , 72(5), 3498–3503. http://doi.org/10.1128/AEM.72.5.3498
	2- CACTAACGCGTGTGATACTTT		
Ide	1- ATCCTCATATAACTCAAGCG	50	Romanova, N. A., Wolffs, P. F. G., Brovko, L. Y., & Griffiths, M. W. (2006). Role of Efflux Pumps in Adaptation and Resistance of <i>Listeria monocytogenes</i> to Benzalkonium Chloride. <i>Applied and Environmental Microbiology</i> , 72(5), 3498–3503. http://doi.org/10.1128/AEM.72.5.3498
	2- CAATGGCTTTCGCACAA		
tufA	1- GCTGAAGCTGGCGACAACA	58	Tamburro, M., Ripabelli, G., Vitullo, M., Dallman, T. J., Pontello, M., Amar, C. F. L., et al. (2015). Gene expression in <i>Listeria monocytogenes</i> exposed to sublethal concentration of benzalkonium chloride. <i>Comp. Immunol. Microbiol. Infect. Dis.</i> 40, 31–39. doi:10.1016/j.cimid.2015.03.004.
	2- CTTGACCACGTTGGATATCTTCAC		

Table S1. Primer, temperature of annealing and references for each investigated gene.