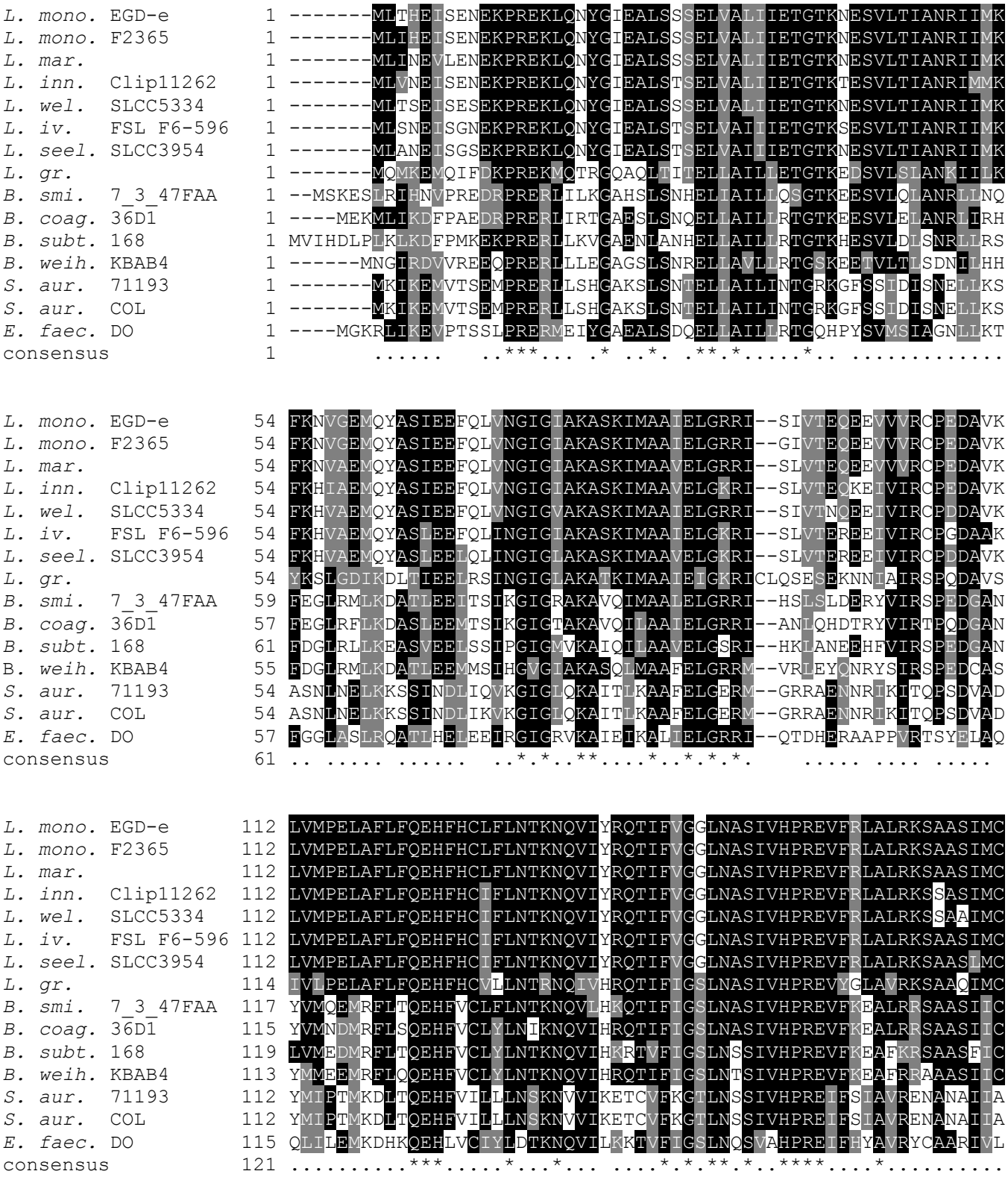
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Title	Tn6188 - a novel transposon in Listeria monocytogenes responsible for tolerance to benzalkonium chloride
Authors	Mueller, Anneliese;Rychli, Kathrin;Muhterem-Uyar, Meryem;Zaiser, Andreas;Stessl, Beatrix;Guinane, Caitriona M.;Cotter, Paul D.;Wagner, Martin;Schmitz-Esser, Stephan
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Figure S1


L. mono. EGD-e
L. mono. F2365
L. mar.
L. inn. Clip11262
L. wel. SLCC5334
L. iv. FSL F6-596
L. seel. SLCC3954
L. gr.
B. smi. 7_3_47FAA
B. coag. 36D1
B. subt. 168
B. weih. KBAB4
S. aur. 71193
S. aur. COL
E. faec. DO
consensus

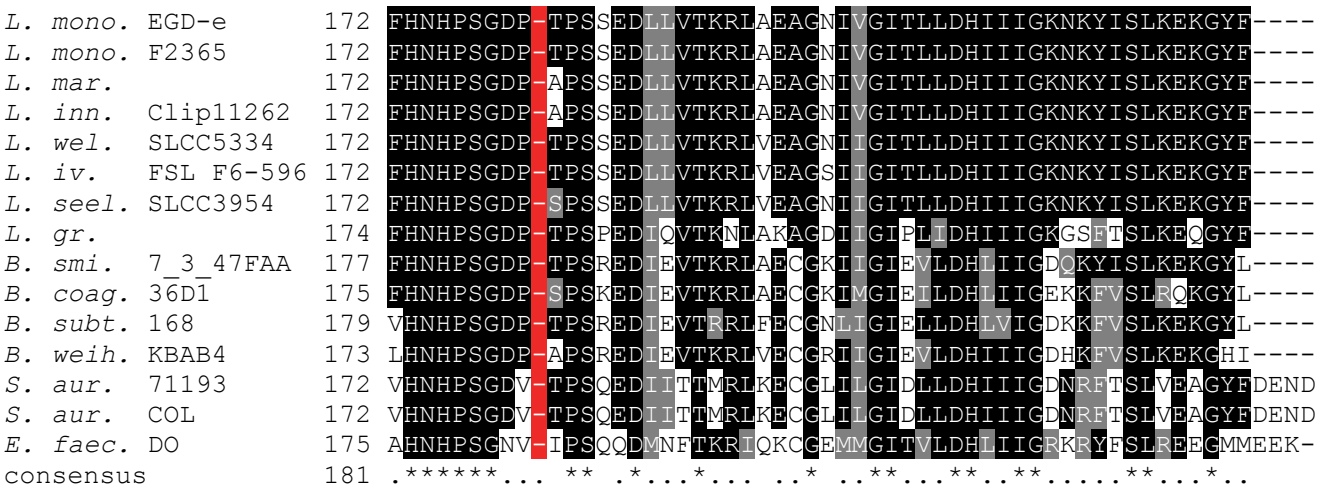


Figure S1: Amino acid based alignment of RadC proteins from various *Firmicutes*.
The alignment was done with MAFFT (Katoh K, Toh H (2008), Brief Bioinform 9: 286-298), shading of conserved amino acid residues was performed with Boxshade. The insertion site of Tn*6188* and other Tn*554*-like transposons is highlighted in red. The consensus is displayed at the bottom of each alignment block, asterisks indicate identical positions, dots indicate similar positions.
Abbreviations and accession numbers: *L. mono.* EGD-e (*L. monocytogenes* EGD-e, NP_465074), *L. mono.* F2365 (*L. monocytogenes* F2365, YP_014167), *L. mar.* (*L. marthii*, WP_008947916), *L. inn.* Clip11262 (*L. innocua* Clip11262, NP_470920), *L. wel.* SLCC5334 (*L. welshimeri* SLCC5334, YP_849759), *L. iv.* FSL F6-596 (*L. ivanovii* FSL F6-596, ZP_07873944), *L. seel.* SLCC3954 (*L. seeligeri* SLCC3954, YP_003464701), *L. gr.* (*L. grayi*, WP_003755617), *B. smi.* 7_3_47FAA (*Bacillus smithii* 7_3_47FAA, ZP_09354272), *B. coag.* 36D1 (*Bacillus coagulans* 36D1, YP_004860597), *B. subt.* 168 (*Bacillus subtilis* 168, NP_390682), *B. weih.* KBAB4 (*Bacillus weihenstephanensis* KBAB4, YP_001647086), *S. aur.* 71193 (*Staphylococcus aureus* 71193, AFH69892), *S. aur.* COL (*Staphylococcus aureus* COL, YP_186546), *E. faec.* DO (*Enterococcus faecium* DO, AFK59806)