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| Title | Tn6188 - a novel transposon in Listeria monocytogenes responsible for tolerance to benzalkonium chloride |
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**Table S1: *Listeria monocytogenes* strains used and results of PCR screening for Tn*6188* and *bcrABC***

| Code | | Source | Serovar | *radC* PCR | *qacH* PCR | *bcrABC* PCR |
|---|---|---|---|---|---|---|
| NCTC 5105* | Reference strains | unknown | 3a | - | - | - |
| CIP 78.36** | | | 3c | - | - | - |
| NCTC 10527* | | | 4b | - | - | - |
| CIP 58.56** | | | 4e | - | - | - |
| CIP 60.91** | | | 4e | - | - | - |
| **CDL 2** | **animal** | **sheep, abortus** | **1/2a** | **-** | **-** | **-** |
| NCTC 10357* | | rabbit | 1/2a | - | - | - |
| NCTC 10887* | | chinchilla | 1/2b | - | - | - |
| CIP 105458** | | sheep | 4d | - | - | - |
| ATCC 19118*** | | chicken | 4e | - | - | - |
| CDL 129 | human | cerebrospinal fluid | 1/2a | - | - | - |
| CDL 130 | | blood | 1/2a | - | - | - |
| CDL 178 | | blood | 1/2a | - | - | - |
| Clone 1 | | blood | 1/2a | - | - | - |
| **Clone 2** | | **blood** | **1/2a** | **-** | **-** | **-** |
| CDL 131 | | blood | 1/2b | - | - | - |
| CDL 132 | | blood | 1/2b | - | - | - |
| CDL 133 | | blood | 1/2b | - | - | - |
| **NCTC 5348*** | | **cerebrospinal fluid** | **1/2c** | **-** | **-** | **-** |
| CDL 182 | | blood | 1/2c | - | - | + |
| CIP 80.10** | | infant | 3b | - | - | - |
| CIP 78.35** | | spinal fluid | 3b | - | - | - |
| NCTC 4885* | | meningitis | 4b | - | - | - |
| CDL 123 | | blood | 4b | - | - | - |
| CDL 124 | | blood | 4b | - | - | - |
| CDL 127 | | blood | 4b | - | - | - |
| CDL 136 | | peritoneal | 4b | - | - | - |
| CDL 137 | | blood | 4b | - | - | - |
| CDL 185 | | blood | 4b | - | - | - |
| CDL 186 | | blood | 4b | - | - | - |
| CIP 101821** | | urine | 4b | - | - | - |
| CIP 78.43** | | feces | 7 | - | - | - |
| CZ 70 | food | blue veined cheese | 1/2a | - | - | - |
| CDL 69 | | smoked salmon | 1/2a | - | - | + |
| **F 16** | | **smoked salmon** | **1/2a** | **-** | **-** | **-** |
| **F 17** | | **smoked salmon** | **1/2a** | **+** | **+** | **-** |
| **F 18** | | **smoked trout** | **1/2a** | **+** | **+** | **-** |
| **F 19** | | **smoked trout** | **1/2a** | **+** | **+** | **-** |
| **R479a** | | **smoked salmon** | **1/2a** | **-** | **-** | **-** |
| **CDL 64** | | **ham** | **1/2a** | **+** | **+** | **-** |
| **CDL 65#** | | **minced chicken** | **1/2a** | **-** | **-** | **-** |
| **CDL 66** | | **minced beef** | **1/2a** | **-** | **-** | **-** |
| **CDL 67** | | **salami** | **1/2a** | **+** | **+** | **-** |
| CDL 174 | | cheese rind | 1/2a | - | - | - |
| **6179** | | **cheese** | **1/2a** | **+** | **+** | **-** |
| CDL 175 | | cheese | 1/2a | - | - | - |
| CDL 154 | | cheese | 1/2a | - | - | - |
| CDL 68 | | minced pork | 1/2a | - | - | - |
| CDL 150 | | cheese rind | 1/2a | - | - | - |
| 3261 | | cheese | 1/2a | - | - | - |
| CDL 71 | | tuna fish | 1/2b | - | - | - |
| 251 | | cheese rind | 1/2b | - | - | - |
| CDL 147 | | cheese | 1/2b | - | - | - |

| | | | | | | |
|---|---|---|---|---|---|---|
| CDL 143 | | cheese | 1/2b | - | - | - |
| CDL 161 | | cheese | 1/2b | - | - | - |
| CDL 72 | | minced pork | 1/2b | - | - | + |
| CDL 73 | | minced chicken | 1/2c | - | - | - |
| CDL 75 | | salami | 1/2c | - | - | - |
| CIP 103573** | | milk | 1/2c | - | - | - |
| CDL 170 | | cheese | 1/2c | - | - | - |
| CDL 172 | | cheese | 1/2c | - | - | - |
| CDL 76 | | smoked salmon | 1/2c | - | - | + |
| **CDL 77** | | **minced chicken** | **3a** | - | - | - |
| **CDL 78** | | **smoked salmon** | **3a** | + | + | - |
| CDL 157 | | cheese | 4b | - | - | - |
| CDL 158 | | cheese | 4b | - | - | - |
| CDL 70 | | salami | 4b | - | - | - |
| CDL 164 | | cheese | 4b | - | - | - |
| **535** | | **cheese** | **4b** | - | - | - |
| CDL 176 | | cheese | 4b | - | - | - |
| CDL 79 | | salami | 4b | - | - | - |
| CDL 80 | | salami | 4b | - | - | - |
| 3243 | Food processing environment | smear water | 1/2b / 3b | - | - | - |
| 3262 | | smear water | 1/2a | - | - | - |
| **4423** | | **smear** | **1/2a** | + | + | - |
| 4898 | | washing water | 1/2a | - | - | - |
| CDL 153 | | smear | 1/2a | - | - | - |
| **CZ 48** | | **swab** | **1/2a** | - | - | + |
| **N 22-2[#]** | | **floor** | **1/2a** | + | + | - |
| W 33 | | swab | 1/2a / 3a | - | - | - |
| W 34 | | swab | 1/2a / 3a | - | - | - |
| W 35 | | swab | 1/2a / 3a | - | - | - |
| W 36 | | swab | 1/2a / 3a | - | - | - |
| CDL 9 | | washing water | 1/2b | - | - | - |
| CDL 142 | | drain water | 1/2b | - | - | - |
| CDL 146 | | brine | 1/2b | - | - | - |
| CDL 162 | | brine | 1/2b | - | - | - |
| CDL 171 | | smear | 1/2c | - | - | - |
| **K15** | | **drain water** | **1/2c / 3c** | + | + | - |
| CDL 177 | | drain water | 4b | - | - | - |
| 3202 | | smear water | 1/2b / 3b | - | - | - |

Strain Collection of Institute for Milk Hygiene, University of Veterinary Medicine Vienna, Austria;
*NCTC National Collection of Type Cultures, London, UK;
**CIP Biological Resource Centre of the Pasteur Institute, Paris, France;
***ATCC American Type Culture Collection, Wesel, Germany;
Strains used for MIC determination are shown in boldface letters and highlighted in grey;
[#] Strains used for growth curves