**Supplementary material:** Primers used for the detection of colicin genes

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| **Colicin** | **Primer** | **Sequention of the primer** | **Lenght of the PCR product** |
| **A** | ColA-F | cgtggggaaaagtcatcatc | 475 |
| ColA-R | gctttgctctttcctgatgc |
| **B** | colicinB-F | aagaaaatgacgagaagacg | 492 |
| colicinB-R | gaaagaccaaaggctataagg |
| **D** | ColD-F | ctggactgctgctggtgata | 420 |
| ColD-R | gaaggtgcgcctactactgc |
| **E1** | colicinE1-F | tgtggcatcgggcgagaata | 649 |
| colicinE1-R | ctgcttcctgaaaagcctttt |
| **E1-1** | cea2F | ggtggaactggaggtagcaa | 357 |
| ceaR | acgtcgttgttctgcttcct |
| **E2** | ColE2-F | tgatgctgctgcaaaagag | 409 |
| ColE2-R | ttcaaagcgttccctaccac |
| **E3** | ColE3-F | taagcaggctgcatttgatg | 413 |
| ColE3-R | tcggatctggacctttcaac |
| **E4** | ColE4-F | gaaggctgcatttgatgct | 409 |
| ColE4-R | cggatccggacctttaattt |
| **E5** | ColE3-F | taagcaggctgcatttgatg | 430 |
| ColE5-R | ttgaattctcgaatcgtcca |
| **E6** | ColE6-F | accgaacgtccaggtgtt | 399 |
| ColE6-R | tttagcctgtcgctcctgat |
| **E7** | ColE7-F | gcattctgccatctgaaat | 431 |
| ColE7-R | cttctgcccactttctttcg |
| **E8** | ColE3-F | taagcaggctgcatttgatg | 449 |
| ColE8-R | gactgattggcttgtcgtga |
| **E9** | ColE3-F | taagcaggctgcatttgatg | 418 |
| ColE9-R | gacttttctccctccgacct |
| **Ia** | ColIa-F | gcatgcaaatgacgctctta | 473 |
| ColIa-R | gaggacgccagttctctgtc |
| **Ib** | ColIb-F | aacgagtgggtcgatgattc | 464 |
| ColIb-R | ccttttctgcgctcgtattc |
| **Js** | ColJs-F | tcaaaatgtttgggctcctc | 254 |
| ColJs-R | taatctgccctgtcccactg |
| **K** | ColK-F | cagaggtcgctgaacatgaa | 469 |
| ColK-R | tccgctaaatcctgagcaat |
| **L** | Col28b(L)-F | tgcatattgaaagcgtcagc | 449 |
| Col28b(L)-R | caggttatcccctctcacca |
| **M** | ColM-F | gcttaccacttcgcaaaacc | 429 |
| ColM-R | gagcgactctccgataatgc |
| **N** | ColN-F | agcttggcgagtatcttgga | 401 |
| ColN-R | caacacagccccgaataaac |

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| --- | --- | --- | --- |
| **Colicin** | **Primer** | **Sequention of the primer** | **Lenght of the PCR product** |
| **S4** | ColS4-F | tatatggcccaactgctggt | 456 |
| ColS4-R | cgtaaggacggacacctgtt |
| **U** | ColU-F | tgattgctgcgagaaaaatg | 485 |
| ColU-R | tctgacagcctctccctgtt |
| **Y** | ColY-F | gcaggcagaaaagaacaagg | 477 |
| ColY-R | cggacgttatttgccttcat |
| **5** | Col5-F | cattggcaaaagcgaaatct | 443 |
| Col5-R | tgcaactctggaaacaatcg |
| **10** | Col10-F | ggttaccggatttcctggat | 448 |
| Col10-R | ttctagatgcttggcccact |
| **Fy** | ColFy-Fa | aaattaagcggtgccattgac | 580 |
| ColFy-Fa | ttctaattgcgccagacctt |

Primers used for the detection of microcin genes

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| --- | --- | --- | --- |
| **Microcin** | **Primer** | **Sequention of the primer** | **Lenght of the PCR product** |
| **B17** | mcc B17-F | tcacgccagtctccattaggtgttggcatt | 135 |
| mcc B17-R | ttccgccgctgccaccgtttccaccactac |
| **C7** | mcc C7-F | cgttcaactgttgcaatgct | 134 |
| mcc C7-R | agttgaggggcgtgtaattg |
| **E492** | mcc E492-F | gtctctcctgcaccaaaagc | 291 |
| mcc E492-R | ttttcagtcatggcgttctg |
| **H47** | mcc H47-F | cactttcatcccttcggattg | 227 |
| mcc H47-R | agctgaagtcgctggcgcacctcc |
| **J25** | mcc J25-F | tcagccatagaaagatataggtgtaccaat | 175 |
| mcc J25-R | tgattaagcattttcattttaataaagtgt |
| **L** | mcc L-F | ggtaaatgatatatgagagaaataacgtta | 233 |
| mcc L-R | tttcgctgagttggaatttcctgctgcatc |
| **V** | mcc V-F | cacacacaaaacgggagctgtt | 680 |
| mcc V-R | tttcgctgagttggaatttcctgctgcatc |
| **M** | micM-4-F | cgtttattagcccgggattt | 166 |
| micM-4-R | gcagacgaagaggcacttg |