Supplementary Table 4: A list of all examined isolates included in our study with results of the toxigenic til cluster. Included are the respective Sample ID used also in figures, the species assignment from the blaOXY gene and the association. The number of missing alleles of the tilivalline cluster gives the number of missing numbers for the 12 genes in the following columns and was used to assign "yes", "no" or "yes (xxx missing)" in the column od toxicity based on genetic results. The cutoff for confirmed toxicity was more than 3 missing alleles.

| Part | | | | | | Number of missing | | | | | | | | | | | | |
|--|----------------------------|--------------------|------------------------|------------|-----------------------------------|------------------------|-------------------|--------------|---------------|--------------|-------------|--------------|--------------------------|-------------|-------------|--------------|---------------|-------------------|
| | No. Species MaCVV | Samula ID | Accordation | ет | taxinity based on genetic results | alleles of tilivalline | | | | | | | NDX50_24855 | NDX50_24865 | NDX50_24870 | | | NDX50_24825 |
| | | | | <u> 51</u> | | Cluster | npsb 7 | npsa 7 | arox 8 | and. | 7 | ausa R | nmox (knockout also pos) | | | mark 6 | npsC | tana (very small) |
| 2 Section of Section (Control of Section Control of | | | | 27 | | 12 | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | | | (not found) | (not found) | (not found) |
| | | | | 11 | no | | | | | | | | | | | | | |
| Section descriptions Fig. 20 Section description Fig. | 3 Klebsiella michiganensis | 15_neg | Graz strain collection | 82 | no | 12 | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) | (not found) |
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| 15 Marchan prince | | | | | | ō | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
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| 20 Profession system SIT Modes Nersys Detector SIT Modes Nersys Detector SIT SIT New SIT | | | | | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 2 Modeles opcode | | | | | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 22 Michaels onlycos | | | | | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 28 Abbellesh organo | | | | | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 28 Ablication forcing Sp. 251 - March Sp. 2006 - Norwy Christon (170) - 170 - | | | | | | | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
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| 28 Note 10 | 27 Klebsiella oxytoca | | | | | ō | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 30 Rébelsie outroes 14-5,9 Rébels | 28 Klebsiella oxytoca | | | 179 | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 18 | 29 Klebsiella oxytoca | I4a_S7_Klebs | Norway Outbreak (30) | 179 | yes | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 22 Robinstein control processes 17 Fobbs | 30 Klebsiella oxytoca | I4b_S8_Klebs | Norway Outbreak (30) | | yes | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 33 Ribbisha mirigaments (SLF), S10, State (Superior Microsophics) (Superior Mi | 31 Klebsiella oxytoca | | | | | 0 | 3 | 2 | 3 | 3 | 3 | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
| 34 Robbishal conycles. NOLU-2, Nebe | | | | | | 0 | 3 | 2 | | 3 | | 3 | 2 | 5 | 6 | 1 | 1 | 2 |
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| 46 Ribesiella oxytoca O1-33 Control 1 | | | | | | 8 | | | | | | | | 1 | 1 | 1 | 1 | |
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| 48 Rebsiella oxytoca | | | | | | 8 | | | | | | | | 1 7 | 1 | 1 | 1 | |
| 49 Ribesiela oxytoca O2 Patient 11 K11 | | | | | | 8 | | | | | | | | 1 | | 1 | 1 | |
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| 62 Klebsiella pasteurii Sb-24 NCBI Download 322 yes (Small gene + hmoX missing) 2 13 13 13 9 11 14 (not found) 17 15 9 (not found) 5 63 Klebsiella grimontii SS141 NZ_CP044527 NZ_CP04-NCBI Download missing yes (hmoX missing) 1 15 15 9 7 1 16 (not found) 20 12 8 7 1 1 6 (Not found) 5 00 yes (Small gene + hmoX missing) 2 14 14 14 10 11 15 (not found) 18 15 10 (not found) 5 | | | | | | 8 | | | | | | | | 1 | 1 | 1 | 1 | |
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| | 65 Klebsiella grimontii | | | | | 1 | | 8 | | 7 | 1 | 16 | | 19 | | 8 | 7 | 1 |