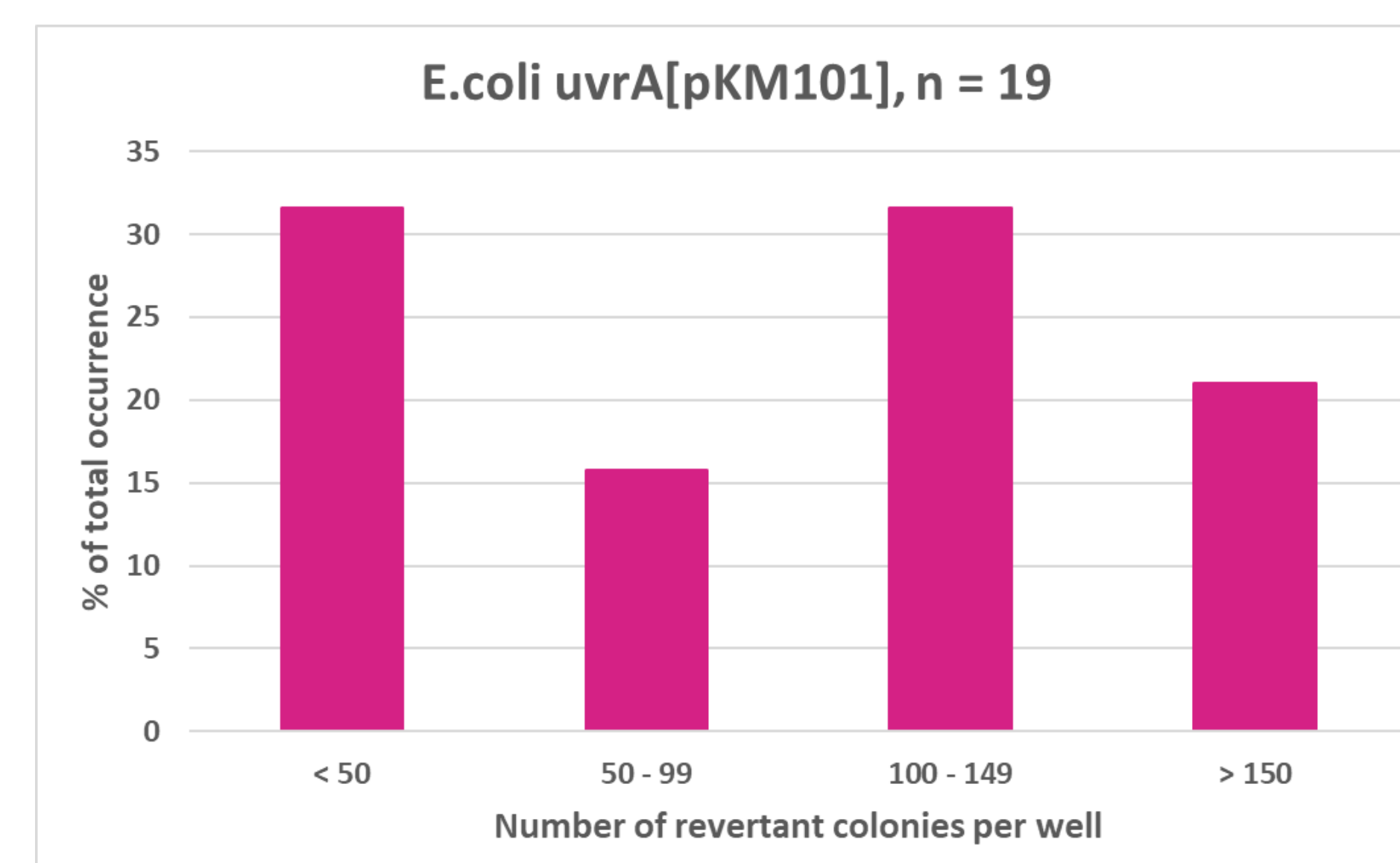
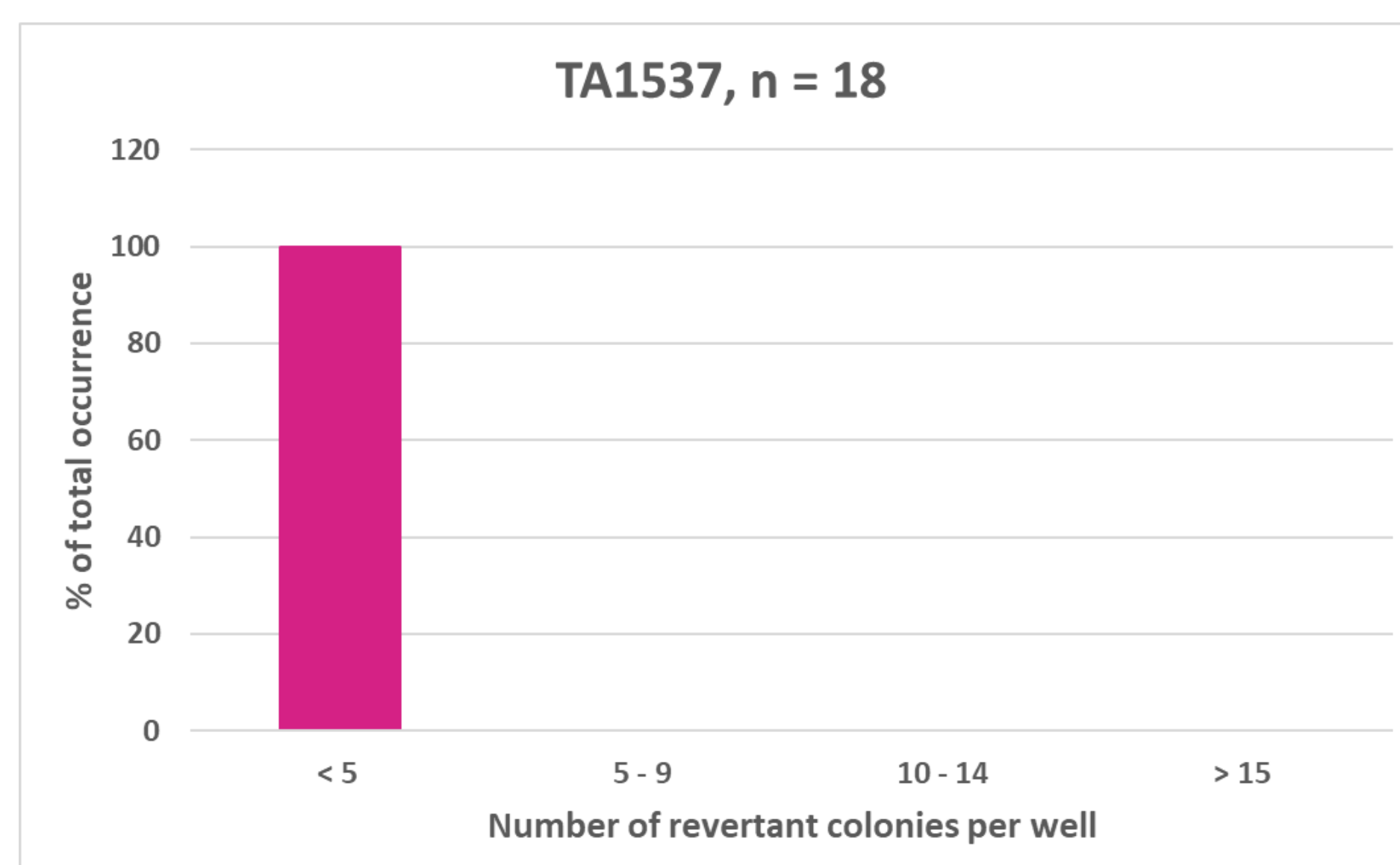
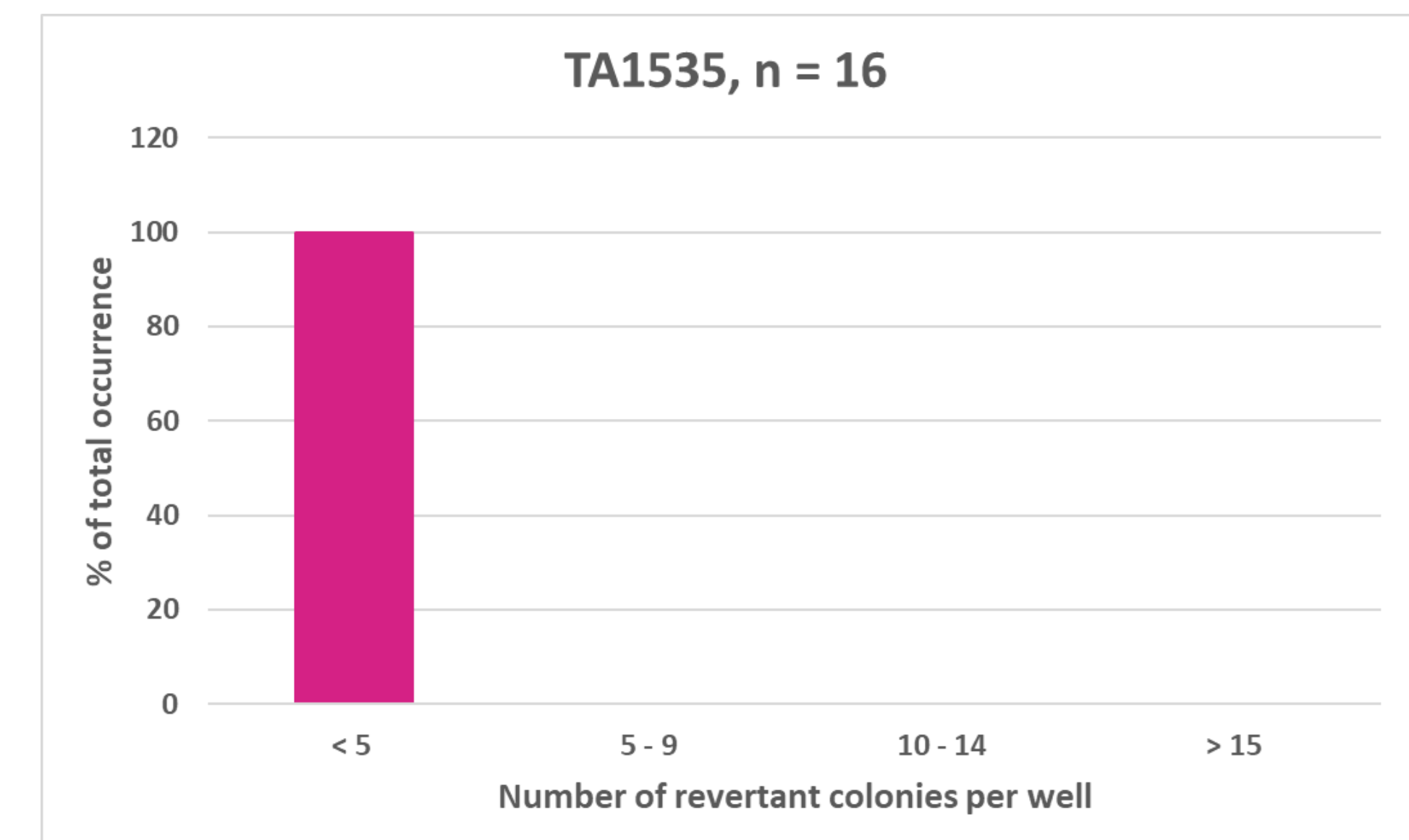
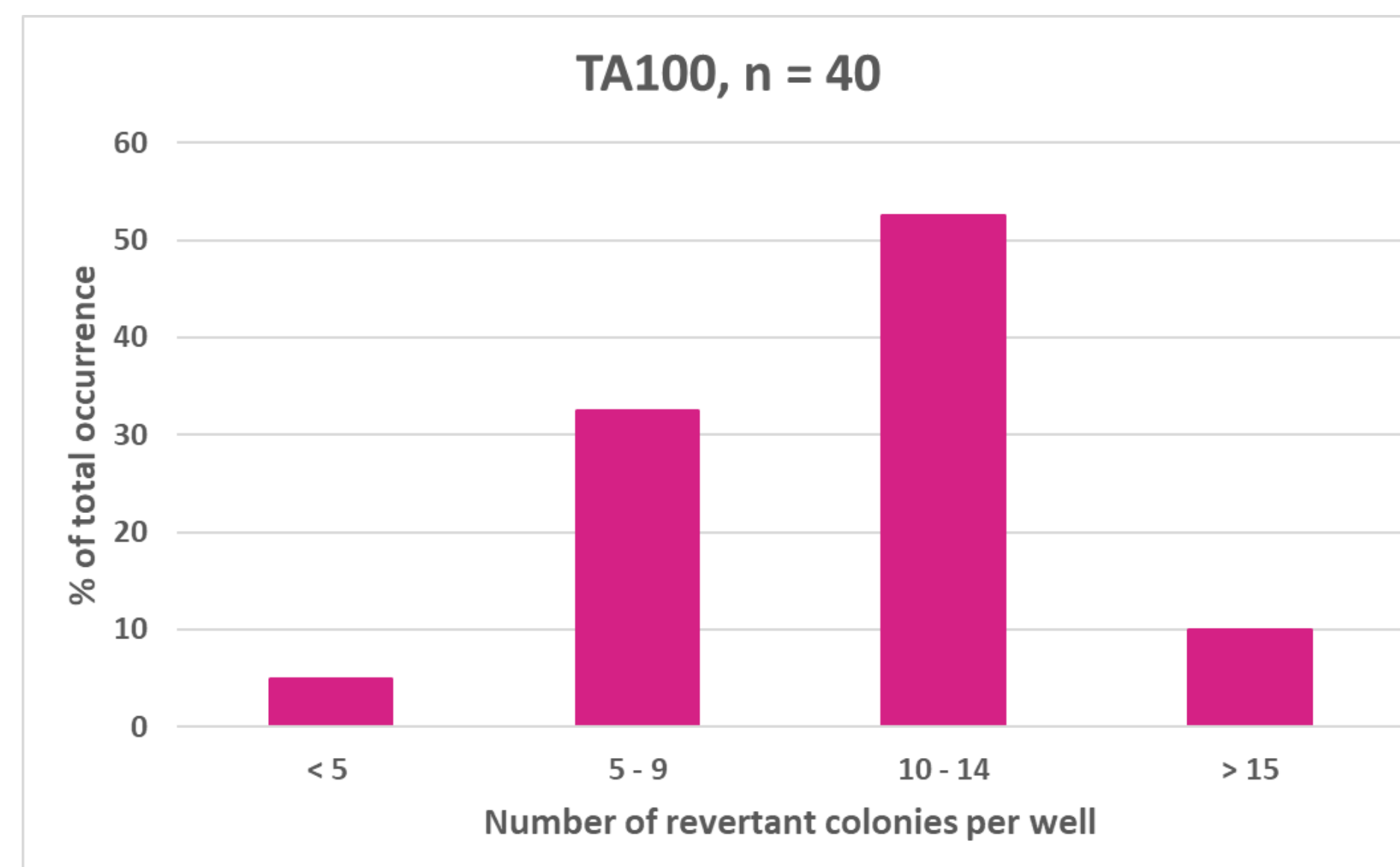
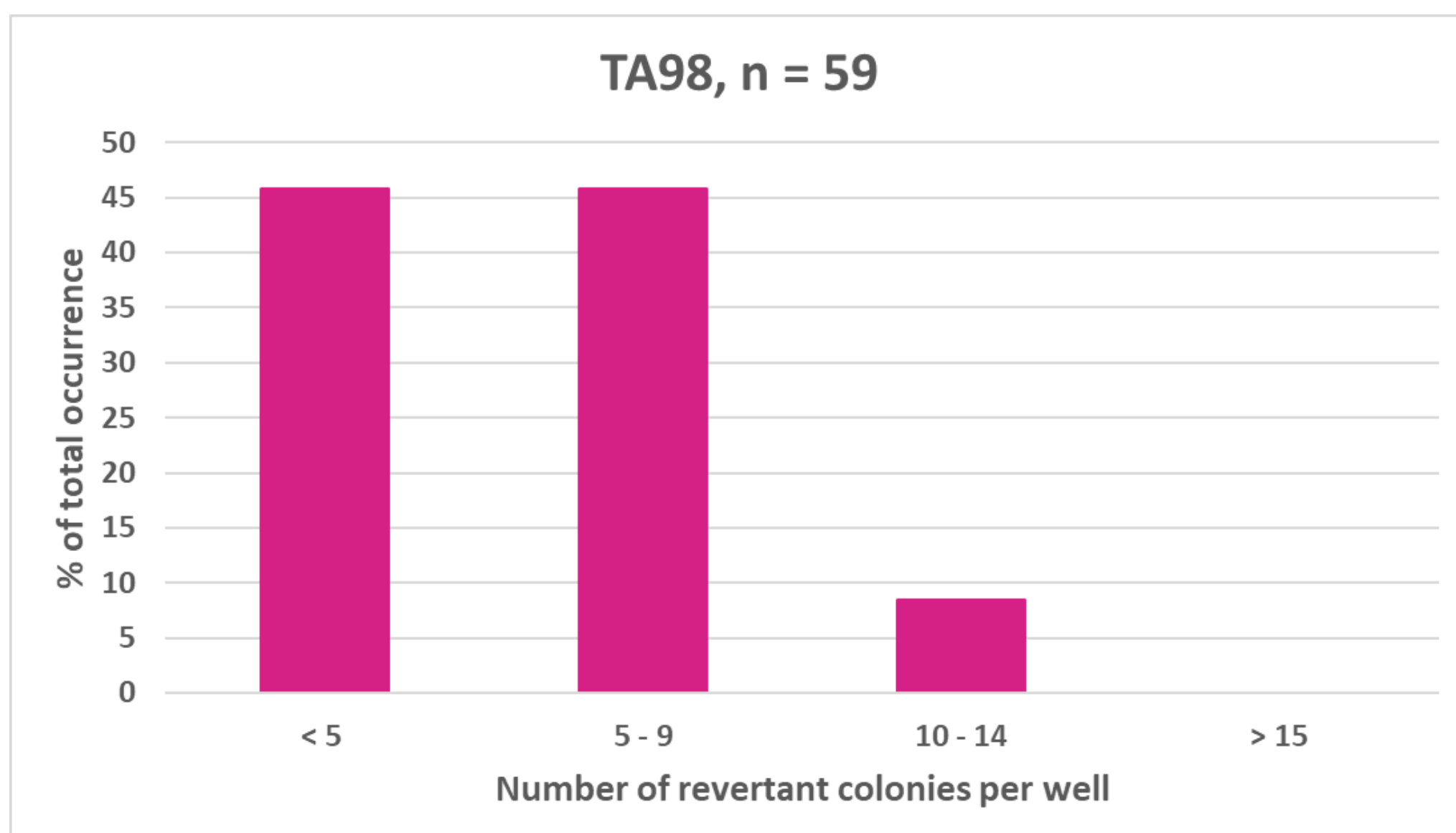


Xenometrix Historical Data on the Salmonella and E.coli Ames Tester Strains with the 6-well Agar Plate Ames Test

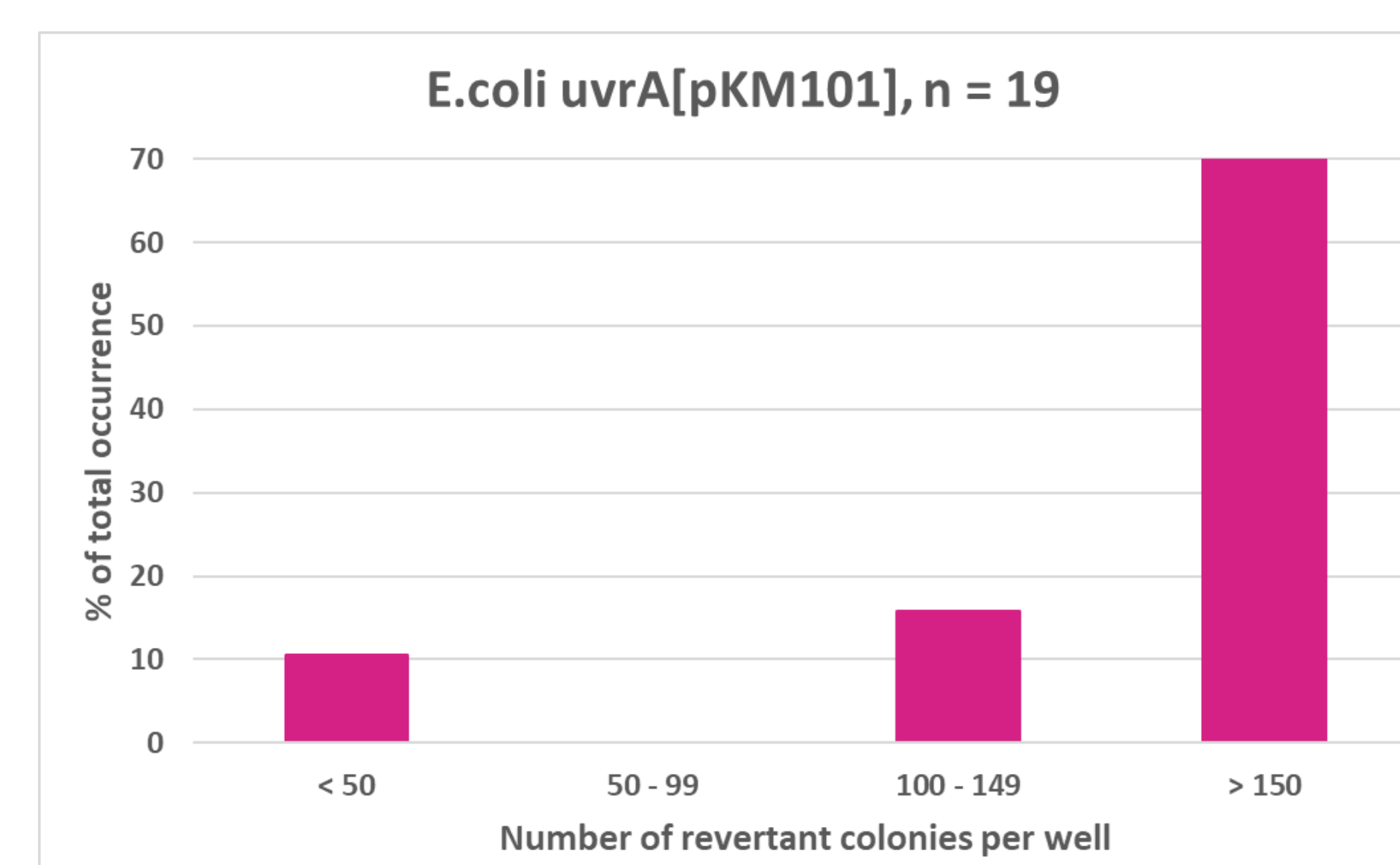
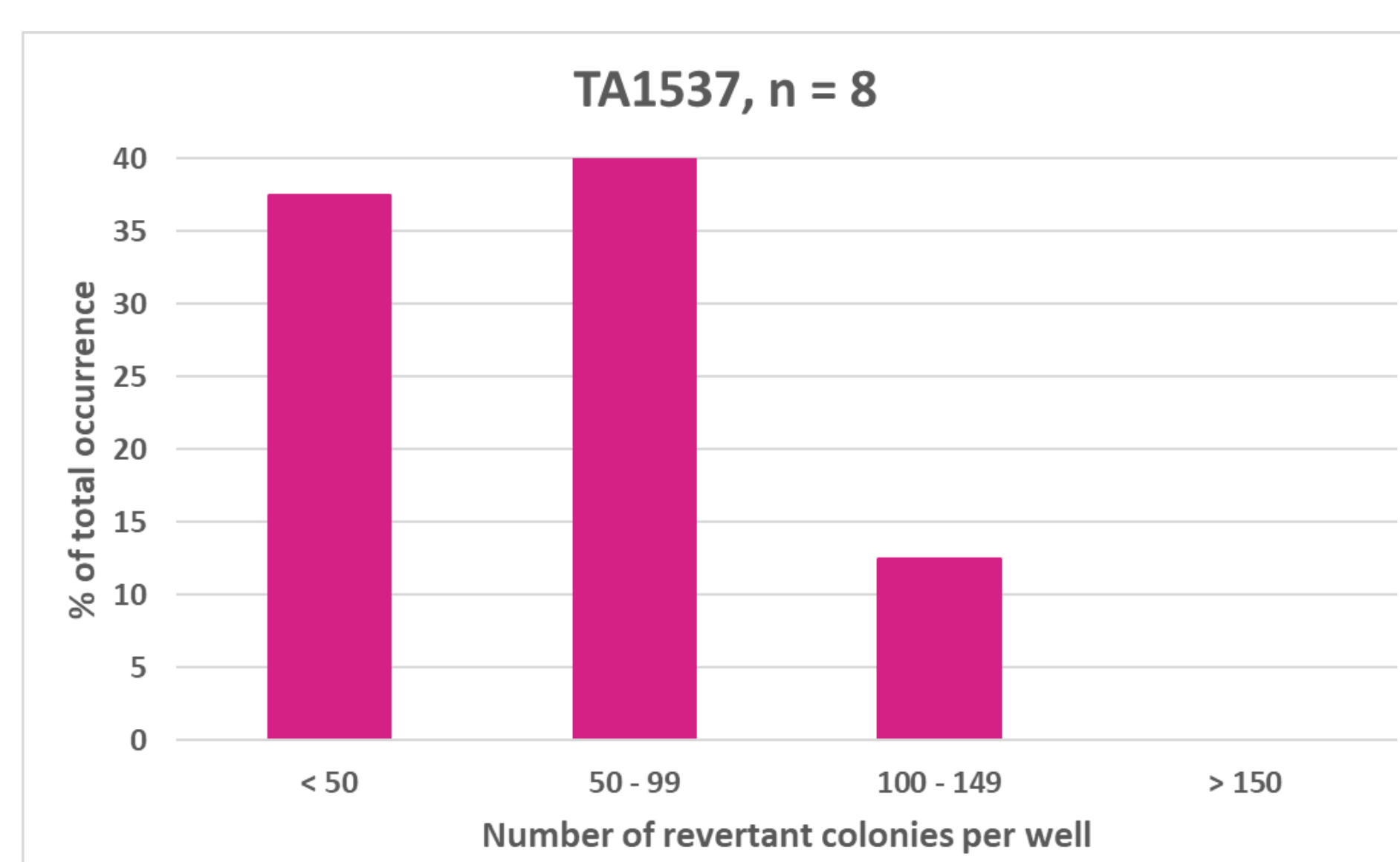
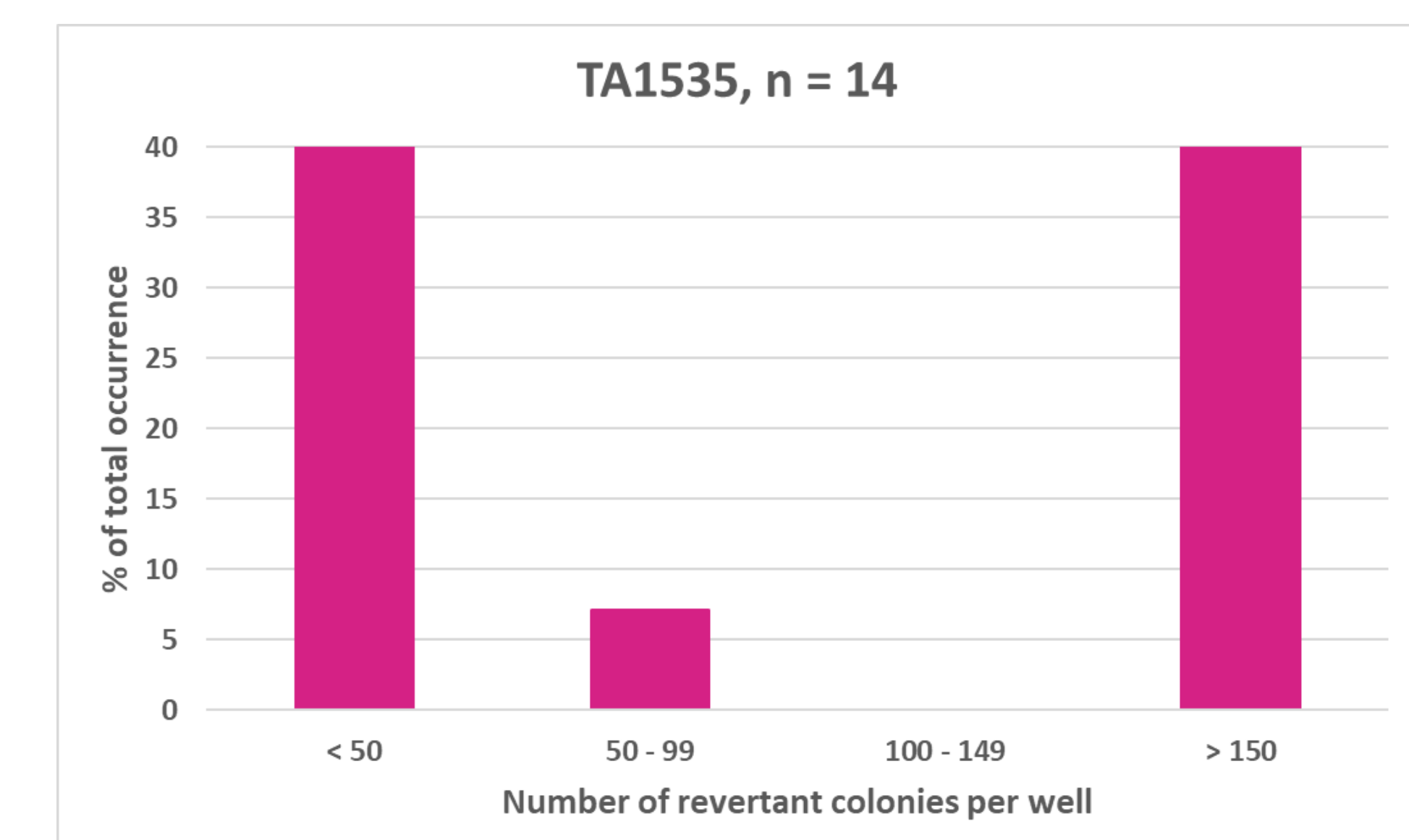
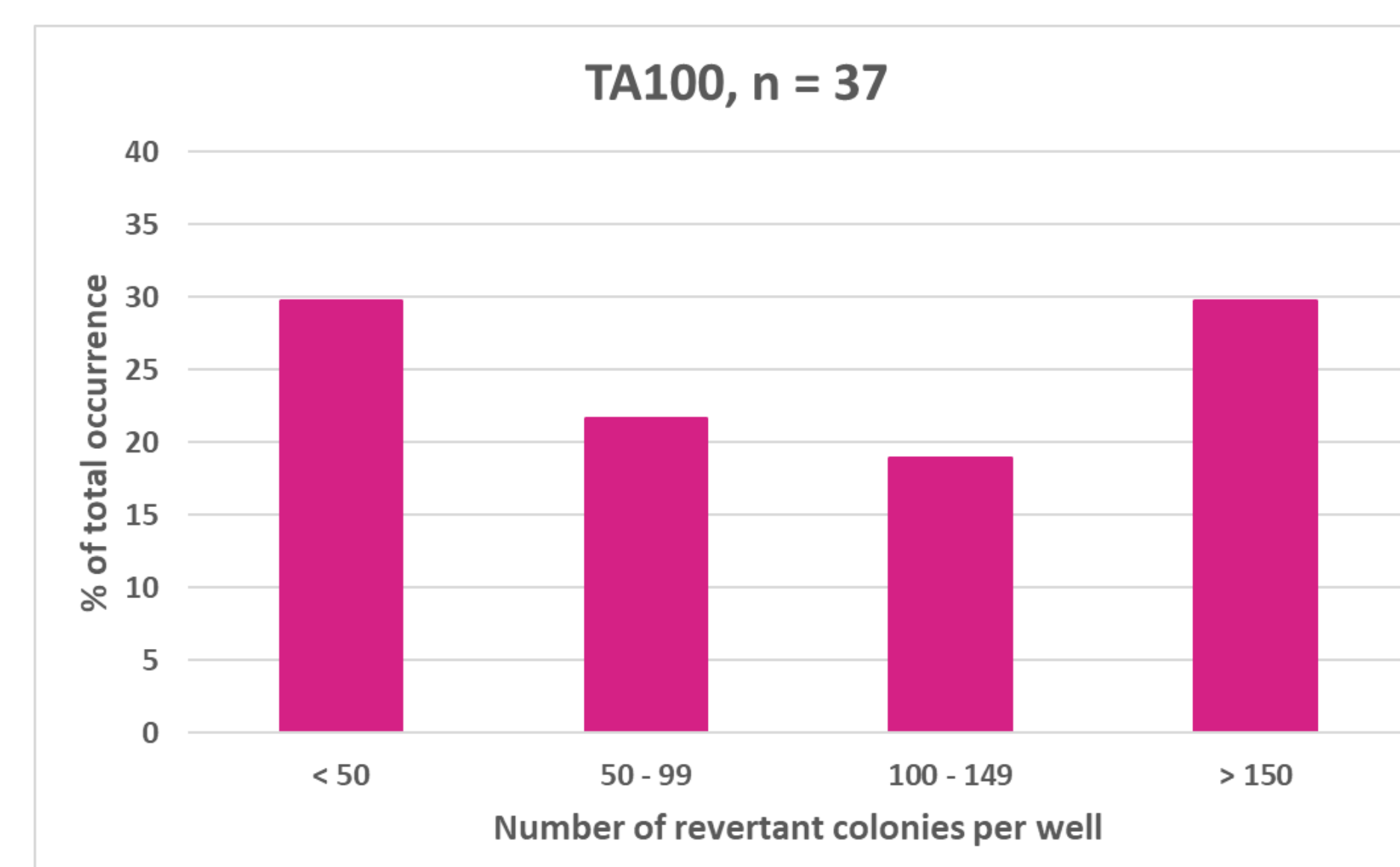
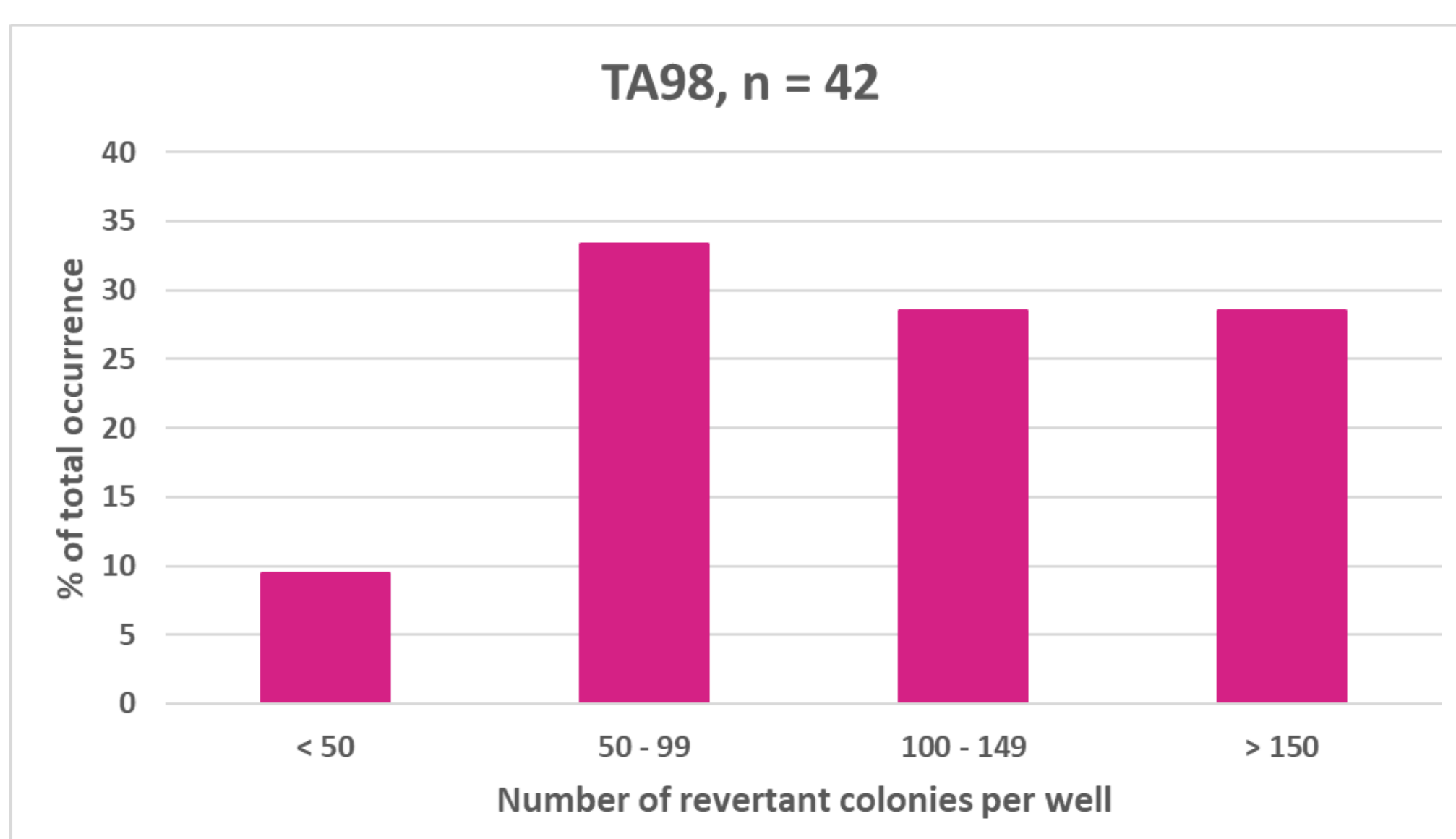
Xenometrix AG, Gewerbstrasse 25, 4123 Allschwil, Switzerland

Distribution of revertant colonies in the solvent control



- DMSO or H₂O were used as solvent control.
- Bars represent the share of a given range of revertant colony number in percentage relative to the total number of values.
- The n is the total number of values included in the analysis. One value is defined as the number of revertant colonies per well.
- Solvent control values with (10% or 30% Rat or Hamster Liver S9) and without metabolic activation were included in this analysis.
- Data collected from experiments conducted in 2023 and 2024 were included in the current representation.

Distribution of revertant colonies in response to positive control chemicals



- Without metabolic activation 4 µg/well 2-NF for TA98, 0.063 µg/well 4-NQO for TA100, 1 µg/well N4-ACT for TA1535, 60 µg/well 9-Aac for TA1537 and 0.125 µg/well 4-NQO for E.coli uvrA[pKM101] were applied as positive control.
- With metabolic activation (10% or 30% Rat or Hamster Liver S9), 1 µg/well 2-AA for TA98, TA100, TA1535 and TA1537 and 1.25 µg/well 2-AA were applied as positive control.
- The positive controls were dissolved in DMSO, except for N4-ACT, which was dissolved in H₂O.
- Bars represent the share of a given range of revertant colony number in percentage relative to the total number of values.
- The n is the total number of values included in the analysis. One value is defined as the number of revertant colonies per well.
- Data collected from experiments conducted during one year (2023) were included in the current representation.
- Abbreviations: DMSO: Dimethyl sulfoxide, 4-NQO: 4-Nitroquinoline-N-oxide, N4-ACT: N4-Aminocytidine, 9-Aac: 9-Aminoacridine, 2-AA: 2-Aminoanthracene

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