Xenometrix Historical Data on Liquid Salmonella Ames Tester Strains with the Ames MPF Test System

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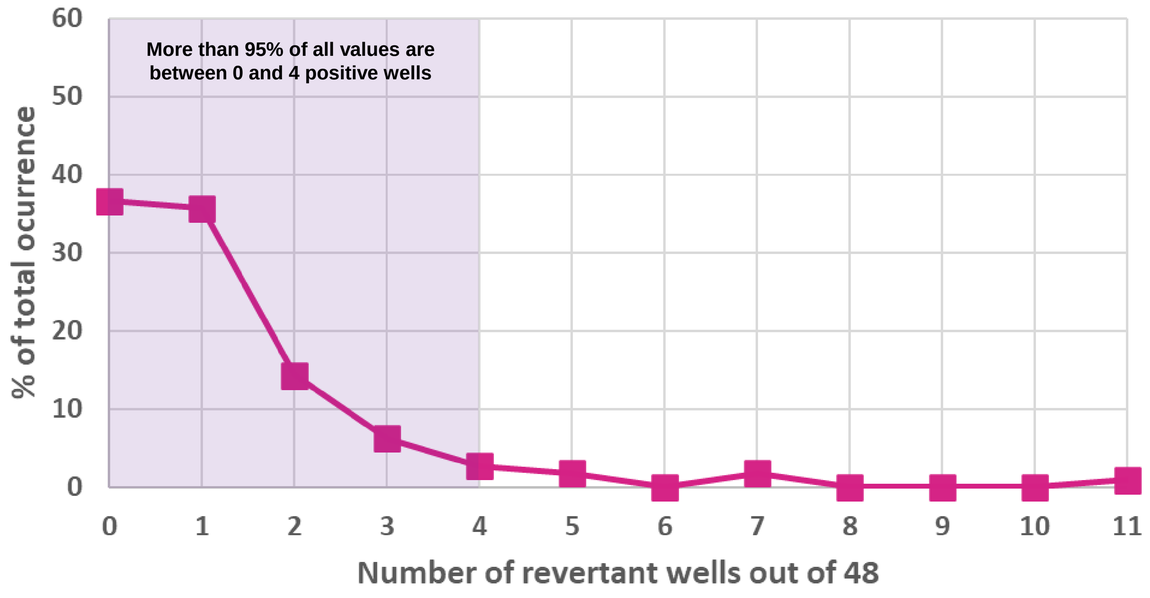
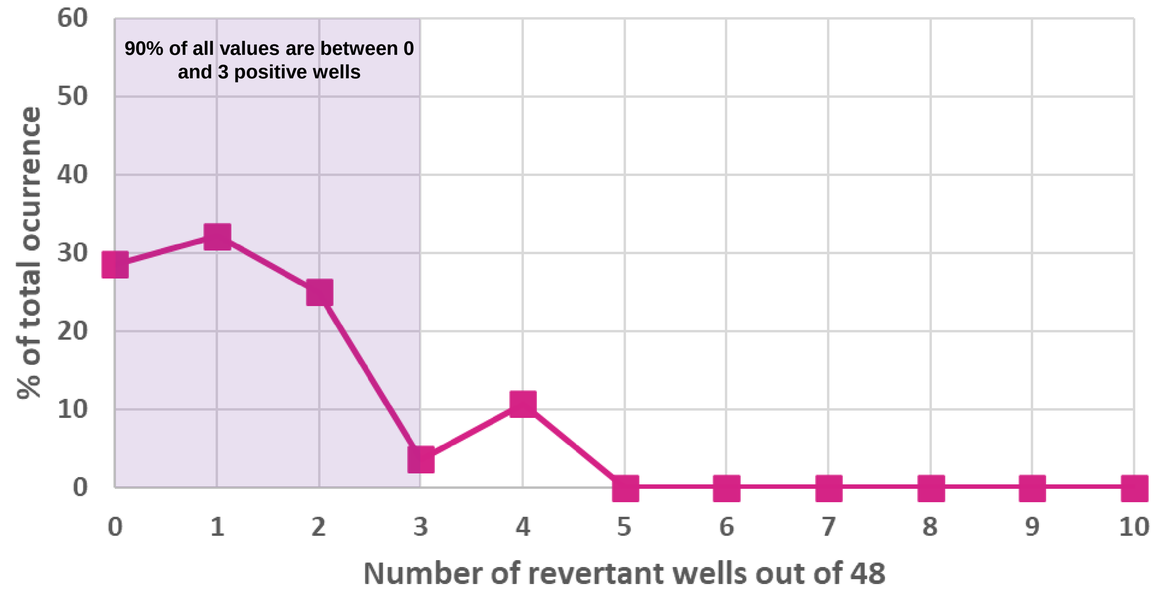
Distribution of revertant wells in the solvent control

TA98 liquid format, n = 112



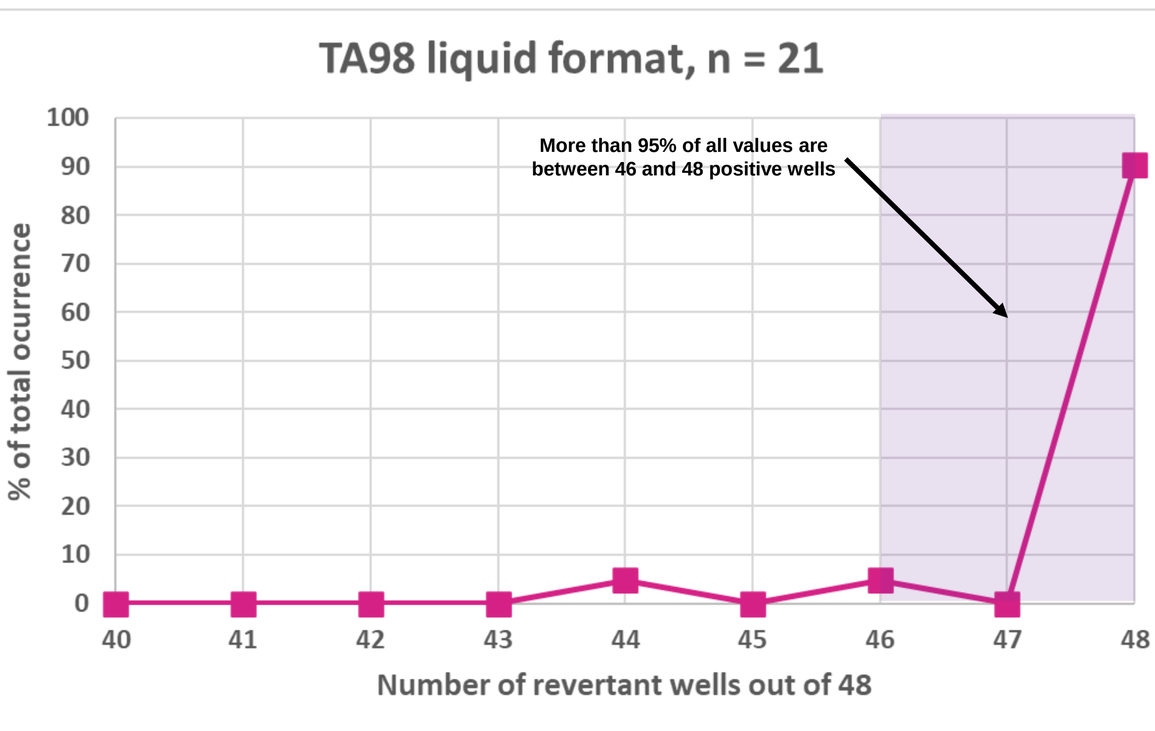
TAMix liquid format, n = 28



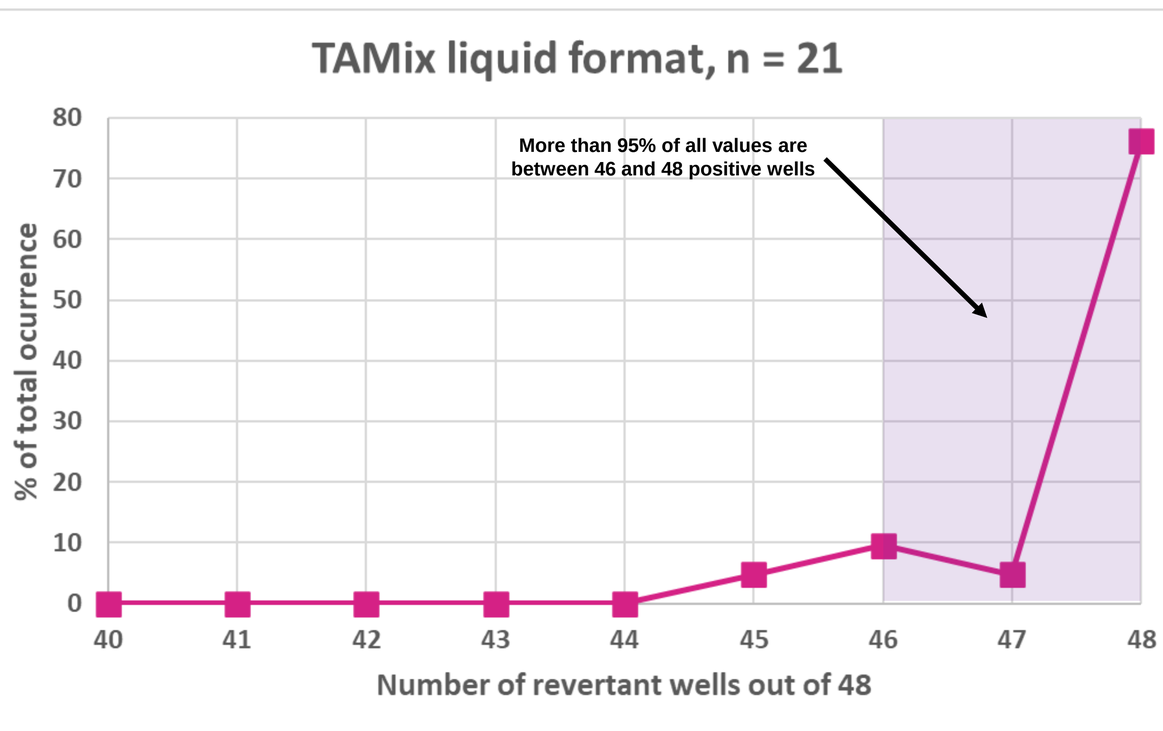
- DMSO was used as solvent control for all strains.
- TAMix liquid format is a mixture of 6 strains: TA7001, TA7002, TA7003, TA7004, TA7005, TA7006.
- Squares represent the share of a given value in percentage relative to the total number of values.
- One value is defined as the number of positive wells out of a 48-well partition on a 384-well plate. The n is the total number of values included in the analysis.
- Solvent control values without metabolic activation were included in this analysis.
- Data collected from Quality Control experiments conducted during the last 5 years were included in the current representation.
- The light purple-colored rectangle designates the area on each individual graph, which contains the percentage of all values indicated in the highlighted rectangle.

Distribution of revertant wells in response to positive control chemicals

TA98 liquid format, n = 21



TAMix liquid format, n = 21



- Without metabolic activation 2 µg/mL 2-NF was applied as positive control for TA98 liquid format strain, and 0.5 µg/mL 4-NQO for TAMix liquid format strain-mixture
- TAMix liquid format is a mixture of 6 strains: TA7001, TA7002, TA7003, TA7004, TA7005, TA7006.
- The positive controls were dissolved in DMSO.
- Squares represent the share of a given value in percentage relative to the total number of values.
- One value is defined as the number of positive wells out of a 48-well partition on a 384-well plate. The n is the total number of values included in the analysis.
- Data collected from Quality Control experiments conducted during the last 5 years were included in the current representation.
- The light purple-colored rectangle designates the area on each individual graph, which contains the percentage of all values indicated in the highlighted rectangle.
- Abbreviations: DMSO: Dimethyl sulfoxide, 2-NF: 2-Nitrofluorene, 4-NQO: 4-Nitroquinoline-N-oxide

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