Technical validation of the assay:
- Is the primary antibody suitable for formalin fixed paraffin embedded samples?
- Has the immunohistochemical assay been optimised adequately?
- Are optimal positive and negative controls available?
- What is the 'gold standard' to calibrate the test?
- Is the test robust and fit for purpose?
- Do pre-analytical parameters have an impact on the accuracy of the test?
- Are TMAs fit for purpose?

Screen identifies new candidate marker

Search web for antibody

Apply antibody to TMAs

Report/publish findings

The new marker for breast cancer shows....