

Performance checks will be done on the Agilent 2100 Bioanalyzers and the 3130-5 Genetic Analyzer following yearly maintenance/calibrations and repairs. A performance check will be done on the 9700 thermal cyclers following repairs.

9700 thermal cyclers: Amplify a negative and positive control for either HV1 or HV2 at 32 cycles. Sequence both samples and ensure the correct results are obtained (no interpretable sequence for the negative control and the correct profile for the positive control). Maintain the results in the appropriate equipment QA/QC binder.

Agilent: Quantify a negative and positive control for either HV1 or HV2. Ensure that all the expected results are obtained. Maintain the results in the appropriate equipment QA/QC binder.

3130-5: Sequence a negative and positive control for HV1 or HV2 and ensure the correct results are obtained (no interpretable sequence for the negative control and the correct profile for the positive control). Maintain the results in the appropriate 3130 binder.