

List of reagents not supplied and material required for the CustomPanel/ThemaPanel test

1. Reagents not supplied

Reagents	Suppliers and references
Invitrogen™ M-MLV Reverse Transcriptase (200U/μL)	Fisher Scientific, ref 10338842
Invitrogen™ dNTPs set (100mM)	Fisher Scientific, ref 10083252
Invitrogen™ Random Primers	Fisher Scientific, ref 10646313
SALSA MLPA Buffer (180 μL)	MRC Holland, ref SMR33
SALSA Ligase Buffer A (360 μL)	MRC Holland, ref SMR12
SALSA Ligase Buffer B (360 μL)	MRC Holland, ref SMR13
SALSA Ligase-65 (115 μL)	MRC Holland, ref SMR20
Q5® Hot Start High-Fidelity 2X Master Mix	New England BioLabs, ref M0494
AMPure XP (Magnetic beads)	Beckman Coulter, ref A63880
Qubit® dsDNA HS Assay Kit	Fisher Scientific, ref 10616763
Sequencing reagents	Illumina
TE buffer (10 mM Tris-Acetate pH 8.0, 1 mM EDTA)	Variable
Ethanol 100%	Variable
NaOH 1 N	Variable
Tris Buffer 200 mM pH 7	Variable
Nuclease-Free Water	Variable

2. Necessary Equipment

Equipment	Suppliers and references
Thermocycler in pre-PCR zone	Variable
Thermocycler in post-PCR zone	Variable
Qubit® Fluorometer (or equivalent)	Thermo Fisher Scientific, ref Q33238
Qubit® Assay Tubes	Fisher Scientific, ref 12037609
DynaMag™-96 Side Magnet - Magnetic plate (AMPure XP purification)	Thermo Fisher Scientific, ref 12331D
PCR 200 μL plates and tubes	Variable