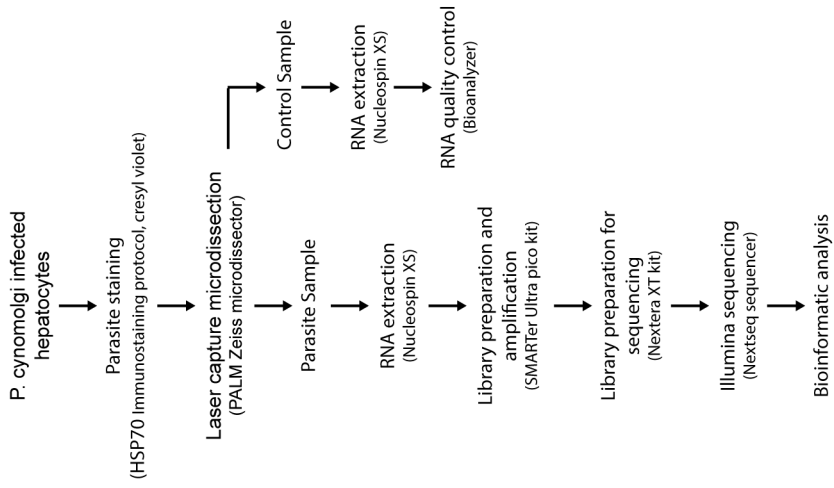


A

General microdissection protocol



B

Cresyl violet staining protocol

Reagents	Composition
Ethanol	Ethanol absolute
Water	RNAse free water
Cresyl violet	1% Cresyl violet in 70% ethanol
Step	Cresyl violet staining
1	PBS 1x Wash
2	95% Ethanol (15 seconds)
3	75% Ethanol (15 seconds)
4	70% Ethanol (15 seconds)
5	Cresyl violet (45 seconds)
6	70% Ethanol (15 seconds)
7	75% Ethanol (15 seconds)
8	95% Ethanol (15 seconds)
9	100% Ethanol (15 seconds) x2

Adapted immunostaining protocol

Reagents	Composition
PBS1	PBS 1x
PBS2	PBS 1x + 40 unit/ml RNase inhibitor
Antibody solution	PBS 1x + BSA 10% + 40 unit/ml RNase inhibitor
Step	Adapted immunostaining
1	Wash with PBS1
2	Fix with cold (-20 C) 100% ethanol (5 minutes)
3	PBS2 (10 seconds)
4	1/25 dilution of monoclonal HSP70 antibody in antibody solution
5	PBS2 (10 seconds) x2
6	1/25 dilution of Alexa 488-conjugated goat anti-mouse immunoglobulin in antibody solution
7	PBS2 (10 seconds) x2

C

