



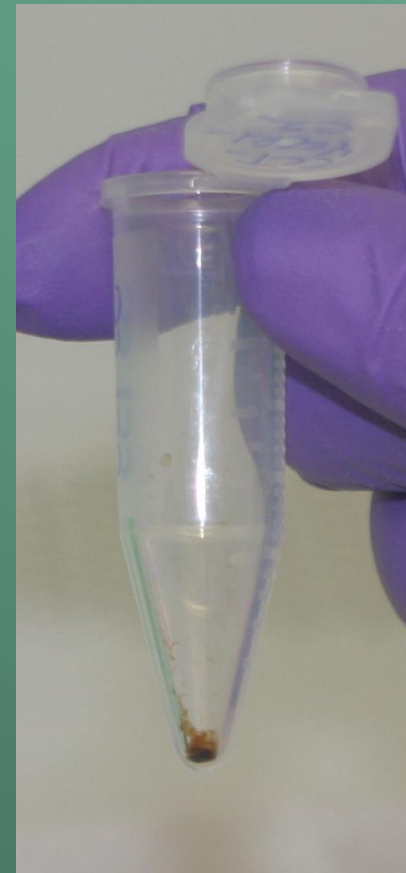
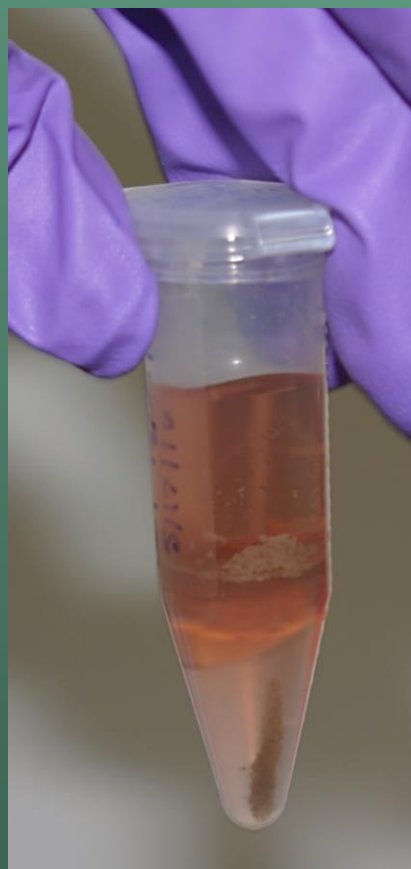
# Large volume eDNA extraction and inhibitor removal

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# 1 Liter samples, Polyethersulfone (PES) filters

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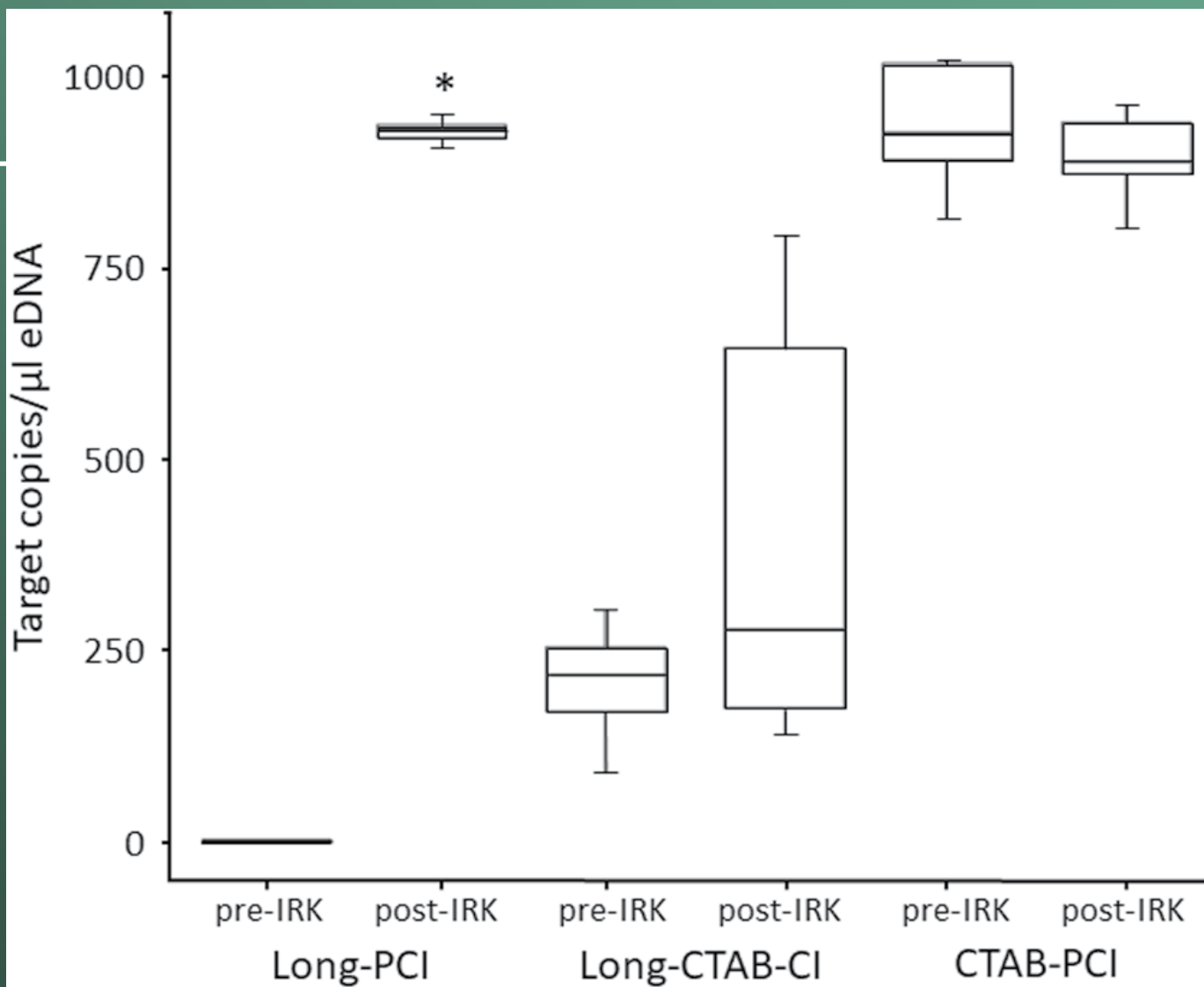


# Inhibitor removal testing

Treatment	Preservation buffer	eDNA Isolation	eDNA copies/ $\mu$ l pre-/post-IRK
A. Long-PCI	Longmire's	PCI	0.6/927.8*
B. Long-CTAB-CI	Longmire's	CTAB-CI	206.6/406.3
C. CTAB-PCI	CTAB	PCI	933.7/892.9

- With and without inhibitor removal kits (IRKs; Zymo)
- Droplet Digital PCR (Bio-Rad)







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## Improving eDNA yield and inhibitor reduction through increased water volumes and multi-filter isolation techniques

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