



1. Cordless driver drill;
2. Peristaltic garden pump;
3. Tank;
4. Acetate hose;
5. Filter holder;
6. Fibreglass filter.



1. 300-litre plastic tank;
2. Hollow bricks;
3. Oxygenator
4. Termometer;
5. *P. clarkii*.

Figure S1: a) Environmental DNA filtering system during field activities; b) arrangement of *P. clarkii* tank during the in-house experiment.