

SUPPLEMENTARY MATERIAL

corresponding to:

Measuring functional brain recovery in regenerating planarians by assessing the behavioral response to the cholinergic compound cytisine

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Supplementary video 1. The video shows a segment of a ceramic plate with a planarian in each well in artificial pond water (APW). The worm at the top was left in APW and the worm at the bottom was exposed to nicotine at a final concentration of 5 mM to illustrate what planarian seizure-like movements (pSLM) look like. The scale shown on the left is in cm.

Supplementary video 2. The video shows a group of amputated planarian heads to illustrate the fact that the heads themselves can display quantifiable movements (see text). These heads are between 1 and 3 mm long.