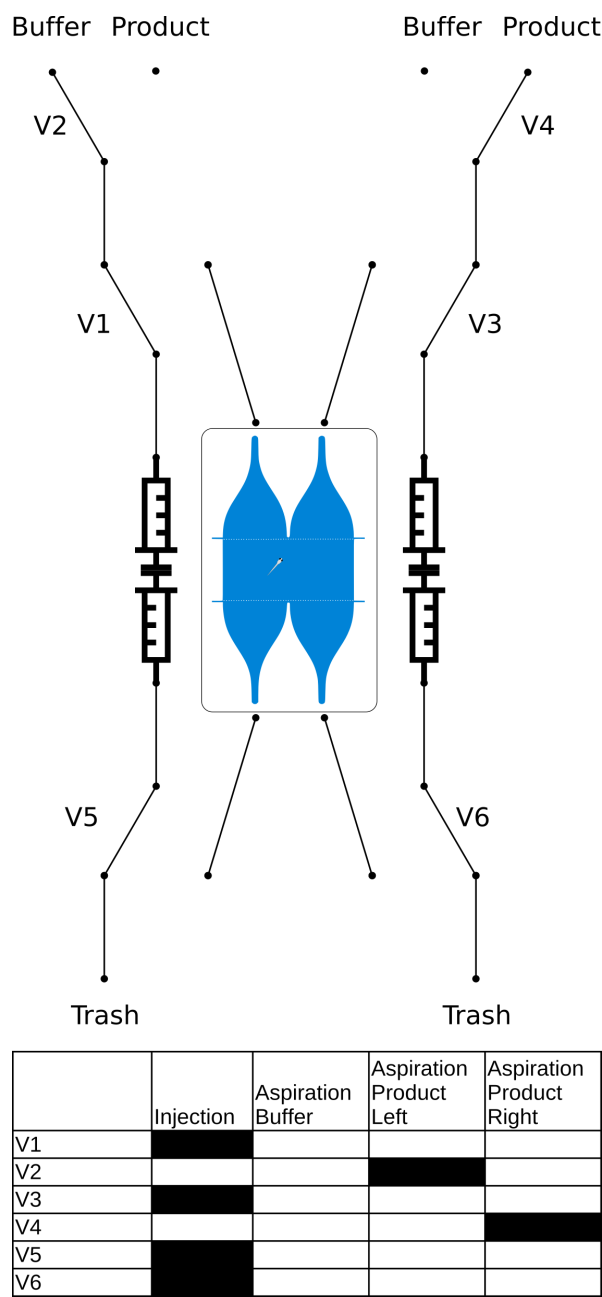


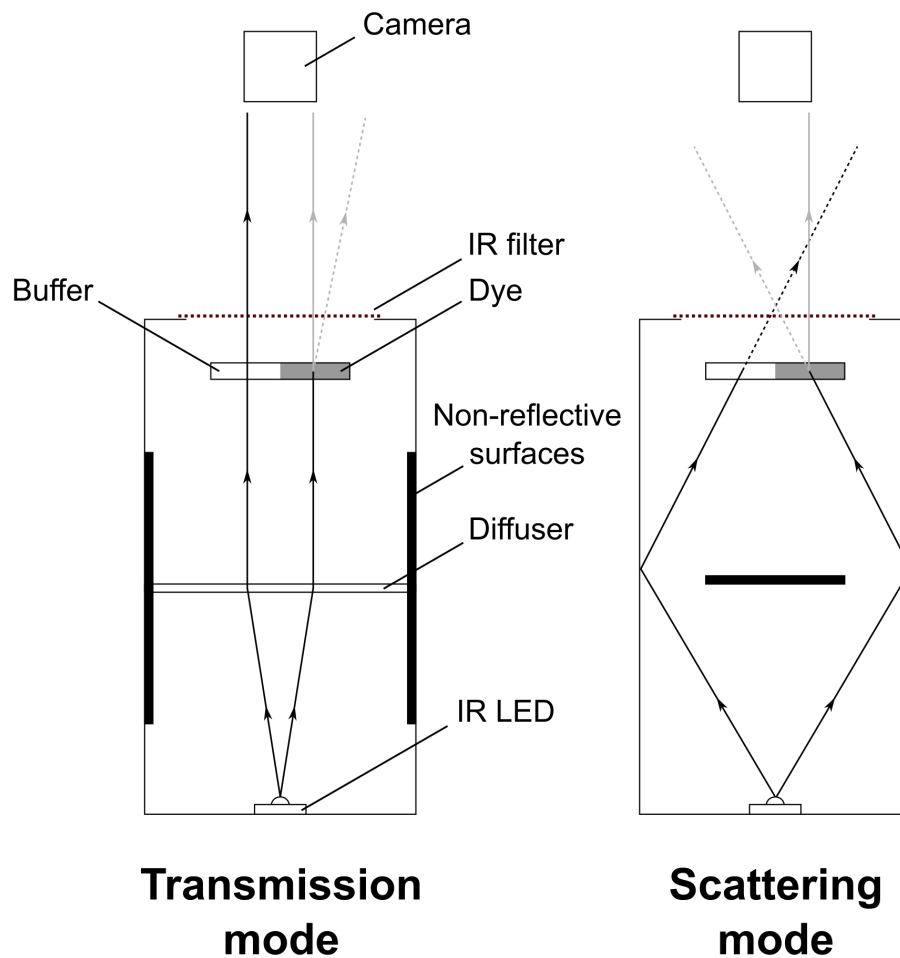
Supplementary Material

Supplementary Figure 1



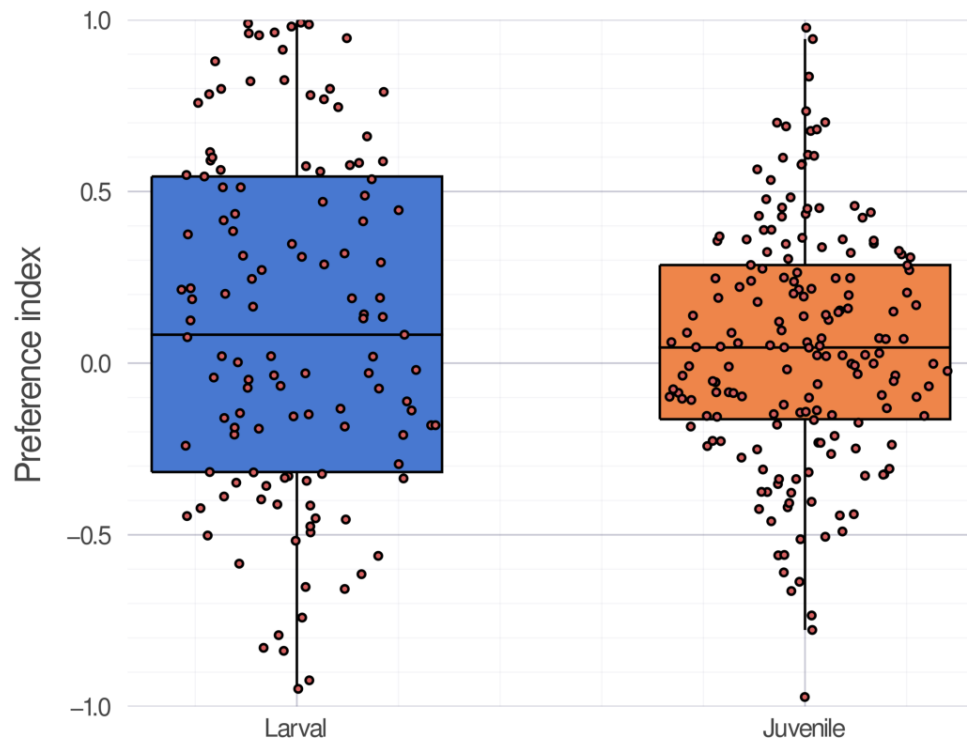
Manifold logic. Diagram of the manifold structure with location of the six 3-way valves, and corresponding control table.

Supplementary Figure 2



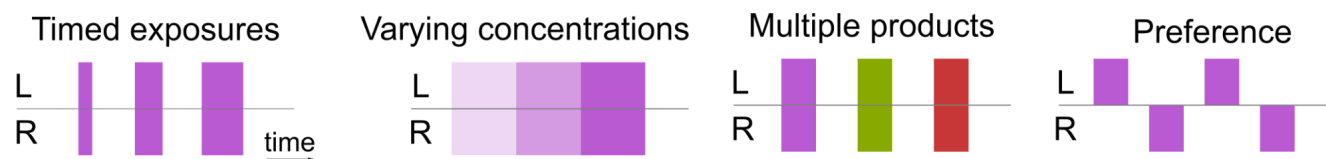
Illumination modes. In transmission mode (bright field) the animal and the dye appear darker than the background while in scattering mode (dark field) the animal and the dye appear lighter than the background.

Supplementary Figure 3



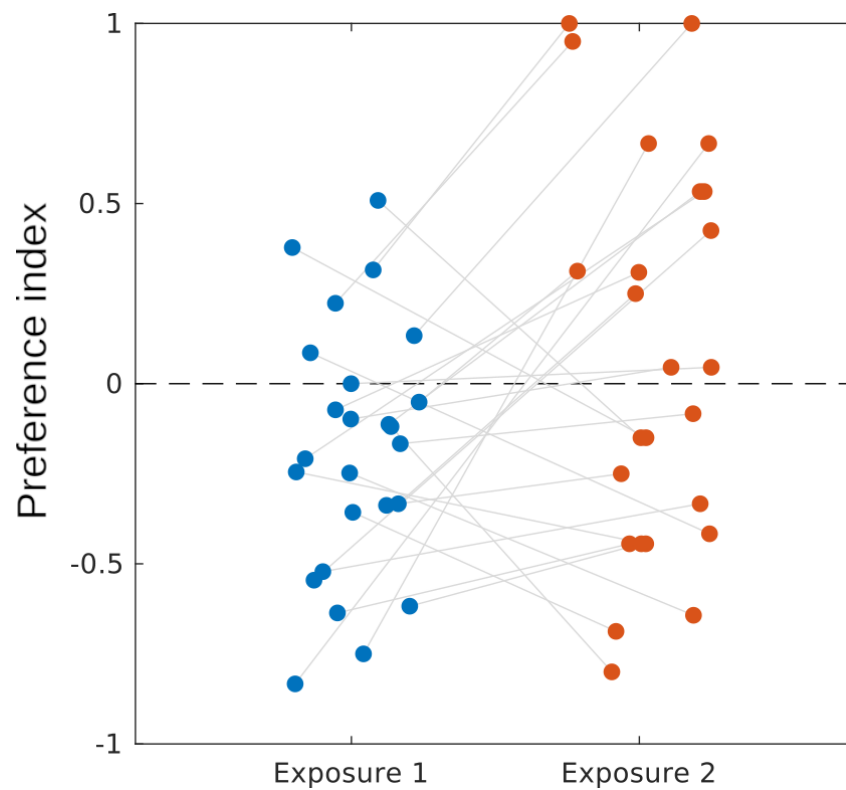
Absence of preference for one side of the setup. Time-based preference index of larval and juvenile zebrafish computed during the control phase of several experiments ($n= 126$ and 178 , respectively). During these phases, the fish has not been in contact with the dye or any chemical.

Supplementary Figure 4



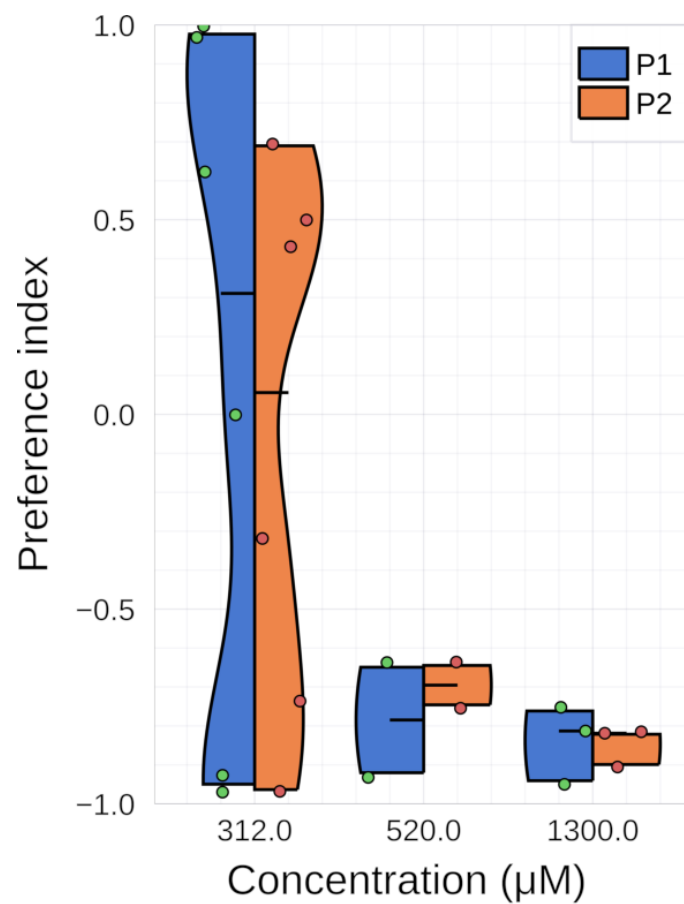
The automated canonical protocols available in the setup. Any combination of these protocols can be used, leading to great versatility.

Supplementary Figure 5



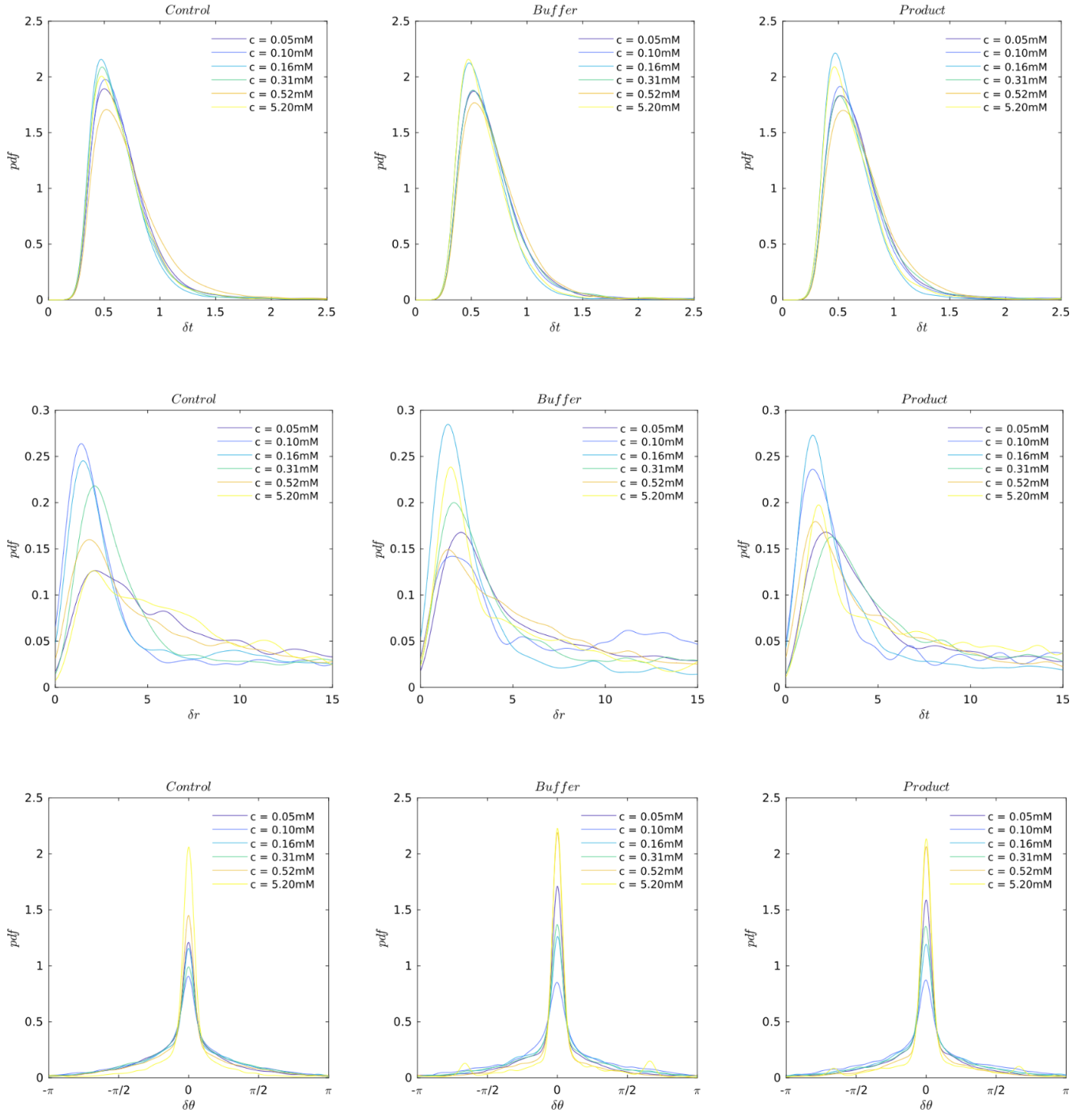
Absence of preference for the dye. Time-based preference index displayed for the first (blue) and second exposure (orange) of the dye ($n=25$ juvenile zebrafish). No preference bias is observed (mean preference index: -0.05) and the distributions between exposures are not statistically different (Wilcoxon signed-rank test, $p>5\%$).

Supplementary Figure 6



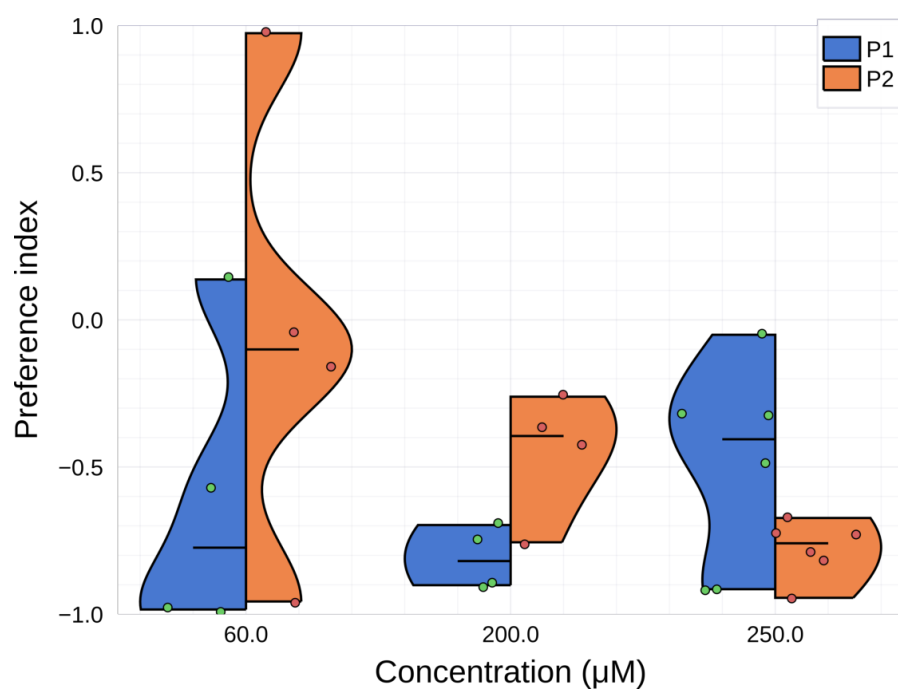
Zebrafish larvae are repulsed by citric acid. Time-based preference index as a function of CA concentration.

Supplementary Figure 7



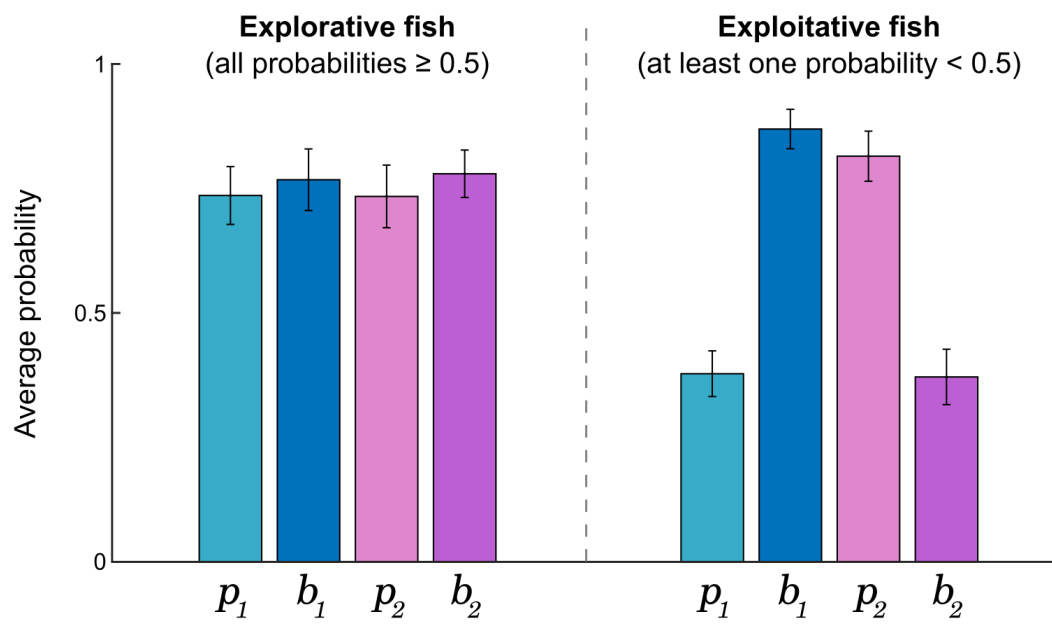
Distributions of kinematic parameters with and without citric acid. Distributions of times (δt , top, seconds), distances (δr , middle, millimeters) and angular reorientation ($\delta \theta$, bottom, radians) between successive swim bouts. The subtrajectories are pooled by condition: during the first 15 minutes of each trials (control) there is no dye and no product and the subtrajectories are delimited by the test chamber's middle line. During infusion, subtrajectories in the buffer and product side are isolated and pooled together. No systematic effect of the concentration can be observed, suggesting that the differences between distributions are due to the finite sample sizes.

Supplementary Figure 8



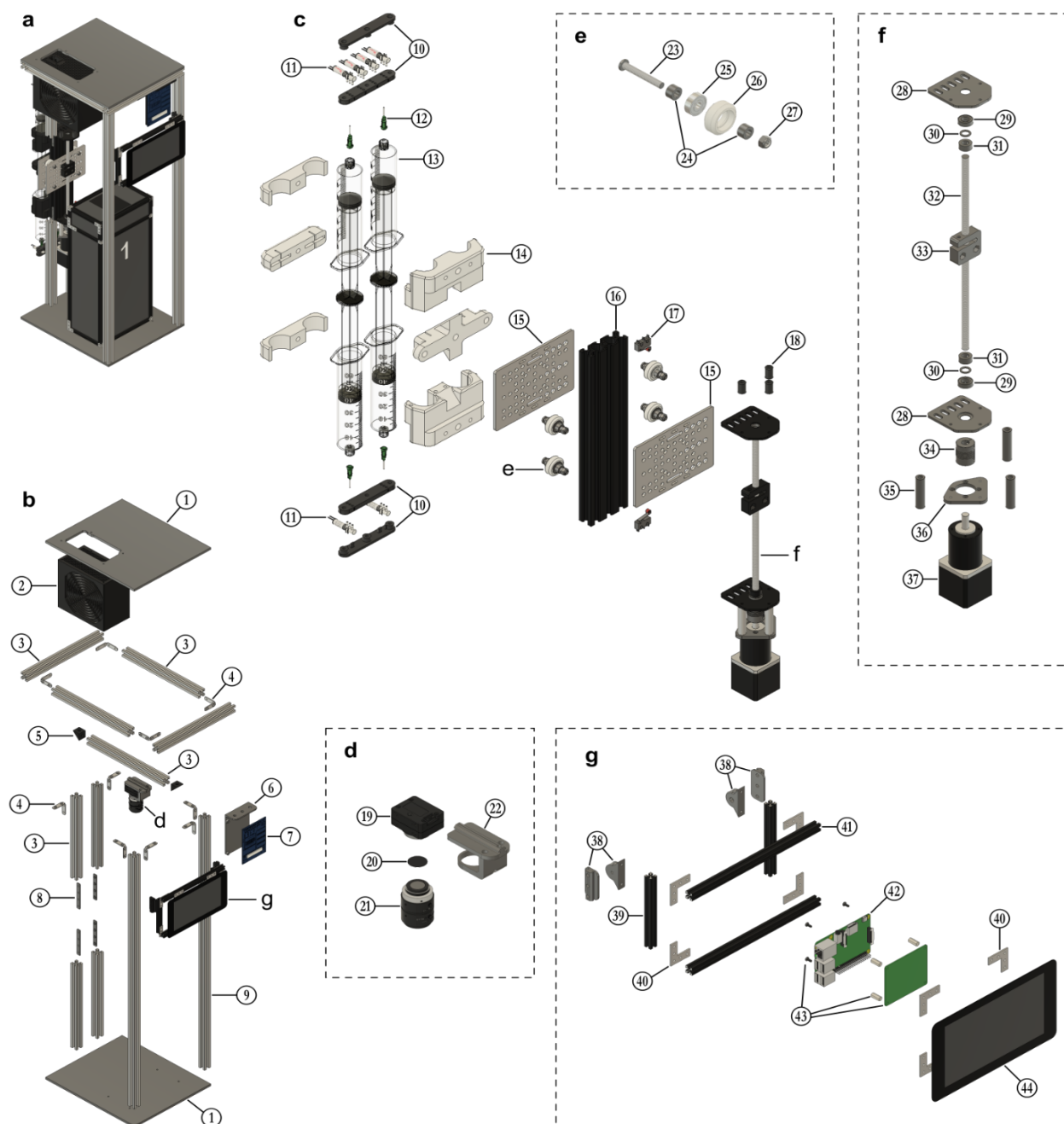
Zebrafish larvae are repulsed by ATP. Time-based preference index as a function of ATP concentration.

Supplementary Figure 9



Difference between explorative and exploitative fish. Average probabilities $\overline{p_1}$, $\overline{b_1}$, $\overline{p_2}$ and $\overline{b_2}$ for explorative and exploitative fish. Error bars: s.e.m.

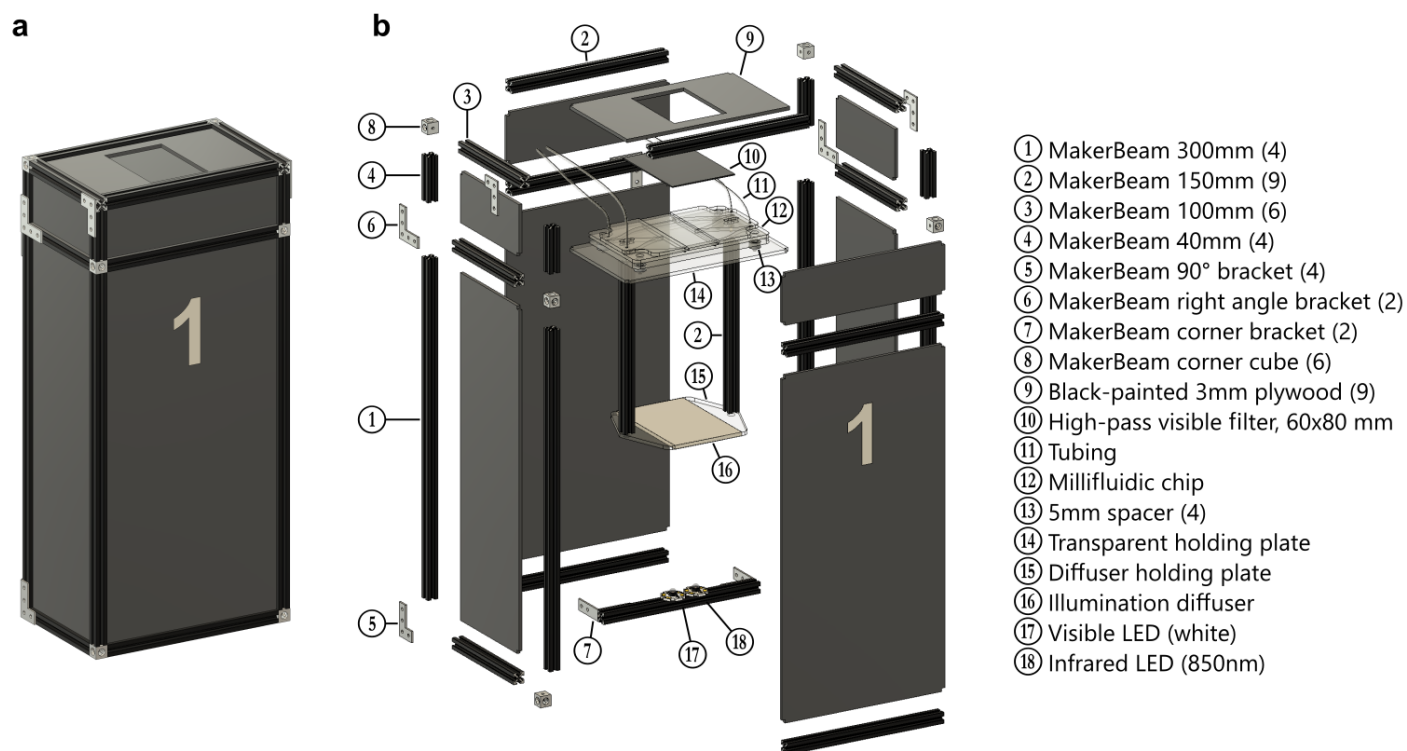
Supplementary Figure 10



- | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|--|---|---|---|--|---|---------------------------------------|---|--|--------------------------------------|---------------------------------------|--|---------------------------------------|--|---------------------------------------|-------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|----------------------------------|-------------------------------------|---------------------------------------|-------------------------------|---------------------------------------|-------------------------------|
| ① Laser-cut acrylic plate . x . mm (2) | ⑩ Openbuilds V-Slot 20 x 20 x 250mm (9) | ⑲ Camera - FLIR Chameleon3 (1) | ⑳ High-pass IR filter, D=20mm (2) | ㉑ Navitar NMV-2514 lens (1) | ㉒ 3D printed camera holder (1) | ㉓ Openbuilds low profile M5 screw (4) | ㉔ 6mm spacer (8) | ㉕ Openbuilds Xtreme solid V bearing (4) | ㉖ Openbuilds Xtreme solid V wheel (4) | ㉗ Openbuilds nylon insert lock nut M5 (4) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) |
| ② Power supply (1) | ⑪ 3-way microvalves (6) | ㉑ Camera - FLIR Chameleon3 (1) | ㉒ High-pass IR filter, D=20mm (2) | ㉓ Navitar NMV-2514 lens (1) | ㉔ 3D printed camera holder (1) | ㉕ Openbuilds low profile M5 screw (4) | ㉔ 6mm spacer (8) | ㉕ Openbuilds Xtreme solid V bearing (4) | ㉖ Openbuilds Xtreme solid V wheel (4) | ㉗ Openbuilds nylon insert lock nut M5 (4) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) |
| ③ Openbuilds V-Slot 20 x 20 x 250mm (9) | ⑫ Luer stub 18ga x 12mm (4) | ㉒ High-pass IR filter, D=20mm (2) | ㉓ Navitar NMV-2514 lens (1) | ㉔ 3D printed camera holder (1) | ㉕ Openbuilds low profile M5 screw (4) | ㉕ Openbuilds Xtreme solid V bearing (4) | ㉖ Openbuilds Xtreme solid V wheel (4) | ㉗ Openbuilds nylon insert lock nut M5 (4) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | |
| ④ Openbuilds 90 hidden tee nut (10) | ⑬ Plastipak 60mL centered Luer lock (4) | ㉔ 3D printed camera holder (1) | ㉕ Openbuilds low profile M5 screw (4) | ㉖ Openbuilds Xtreme solid V bearing (4) | ㉗ Openbuilds nylon insert lock nut M5 (4) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | |
| ⑤ Openbuilds angle corner connector (2) | ⑭ 3D printed syringe holder (6) | ㉕ Openbuilds Xtreme solid V bearing (4) | ㉖ Openbuilds Xtreme solid V wheel (4) | ㉗ Openbuilds nylon insert lock nut M5 (4) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | |
| ⑥ 3D printed PCB holder (1) | ⑮ Openbuilds V-Slot gantry plate (2) | ㉘ Openbuilds threaded rod plate (2) | ㉙ Ball bearing 8 x 16 x 5mm (2) | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | |
| ⑦ PCB / electronics (1) | | ㉚ Openbuilds shim washer 8mm (2) | ㉛ Openbuilds lock collar 8mm (2) | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | |
| ⑧ Openbuilds quad tee nut (4) | | ㉜ Openbuilds 8mm lead screw (1) | ㉝ Openbuilds anti backlash nut block (1) | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | |
| ⑨ Openbuilds V-Slot 20 x 20 x 750mm (2) | | ㉞ Shaft coupler 5 x 8mm (1) | ㉟ 40mm spacer (3) | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | |
| ⑩ 3D printed manifolds (4) | | ㊱ Laser-cut custom adapter (1) | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | |
| ⑪ 3-way microvalves (6) | | ㊲ NEMA17 with 26.85:1 gearbox (1) | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | | |
| ⑫ Luer stub 18ga x 12mm (4) | | ㊳ 3D printed rotating connectors (4) | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | | | |
| ⑬ Plastipak 60mL centered Luer lock (4) | | ㊴ Makerbeam 10 x 10 x 100 mm (2) | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | | | | |
| ⑭ 3D printed syringe holder (6) | | ㊵ Makerbeam right angle bracket (8) | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | | | | | |
| ⑮ Openbuilds V-Slot gantry plate (2) | | ㊶ Makerbeam 10 x 10 x 200 mm (2) | ㊷ Raspberry Pi 4 model B (1) | ㊸ Raspberry Pi display driver kit (1) | ㊹ Raspberry Pi LCD screen (1) | | | | | | | | | | | | | | | | | | | | | | |

Blueprints of the general structure. **a** General view. **b-g** Exploded views of the backbone (**b**), syringe driver (**c**), camera holder (**d**), wheel assembly (**e**), translation stage (**f**) and computer and display module (**g**).

Supplementary Figure 11



Blueprints of the illumination box and millifluidic chip. **a** General view. **b** Exploded view with parts annotation.

Supplementary Movie 1

Multi-species behavioral assay. Compilation of short sequences of zebrafish *Danio Rerio* (larval and juvenile) and *Danionella translucida* (juvenile and adult) in the Dual behavioral assay.

Supplementary table 1: Bill of materials

Category	Manufacturer	Description	Link	Qty	U.P.
Computer	Raspberry Pi	RASPBERRY PI 4 model B / 4GB	Link	1	44,84 €
		RPI USB-C POWER SUPPLY BLACK EU	Link	1	6,52 €
		RASPBERRY PI 7" TOUCH SCREEN LCD	Link	1	48,92 €
	Corsair	Flash Voyager GTX USB 3.1 128 Go	Link	1	45,57 €
Optics	FLIR	Chameleon3 Camera (CM3-U3-13Y3M-CS)	Link	1	285,00 €
		USB 3.1 Locking Cable	Link	1	8,00 €
	Thor Labs	MVL25M23 - 25 mm EFL, f/1.4, for 2/3" C-Mount	Link	1	192,80 €
	GoodFellow	ME303007 PMMA 0,5mm - IR transp. (80x60cm rect. + Ø20mm disk)	Link	1	12,62 €
	Mouser	LED infrarouge 897-LZ440R608	Link	1	17,69 €
Electronics	Coolbox	ATX Power supply 500W Basic	Link	1	20,35 €
	PCBWay	Custom PCB	Link	1	3,93 €
	Arduino	Arduino nano 3.1	Link	1	16,52 €
	Sparkfun	Big easy driver	Link	1	16,90 €
		ATX Power Supply Connector - Right Angle	Link	1	1,65 €
		Female header	Link	2	1,27 €
	New Japan Radio	NJM2670D2	Link	4	2,76 €
	Lite-on	LED through-hole green	Link	7	0,09 €
		LED through-hole yellow	Link	4	0,09 €
	Bourns	Potentiometer 1 kohms	Link	2	0,68 €
	Phoenix contact	2-wires connector	Link	8	1,29 €
		4-wires connector	Link	1	2,68 €
	Knitter	3-way switch	Link	1	0,94 €
	Yageo	Resistance through-hole 560Ohms	Link	10	0,09 €
		Resistance through-hole 220Ohms	Link	2	0,09 €
		Resistance through-hole 1kOhms	Link	1	0,09 €
Structure	Openbuilds	V-Slot® 20x20 Linear Rail (1000m)	Link	2	9,04 €
		V-Slot® 20x20 Linear Rail (250mm)	Link	7	2,78 €
		Cast Acrylic plate	Link	2	7,10 €
		Black Angle Corner Connector	Link	2	2,53 €
		Quad Tee Nut - MAKERLINK	Link	4	0,76 €
		90 Hidden Tee Nut - MAKERLINK	Link	10	0,85 €
Syringe pump	OpenBuilds	V-Slot Linear Actuator	Link	1	111,88 €
	Phidgets	42STH38 NEMA-17 Bipolar Stepper with 26.85:1 Gearbox	Link	1	42,78 €
	Sparkfun	Microswitch - SPDT (Roller Lever)	Link	2	1,06 €
	Instech	Luer stubs (LS18 - 18ga x 1/2")	Link	6	0,42 €
	BD plastipak	50mL syringes with Luer lock	Link	6	0,44 €
Manifold	The Lee Company	Electrovalve LHDA0531115H	Link	6	65,16 €

	VWR	Tubing (Tygon AAD04133, ID 0.05" - OD 0.09")	Link	1	9,43 €
Box & Screen holder	Makerbeam	MakerBeam - 10x10mm aluminum profile 300mm	Link	4	2,38 €
		MakerBeam - 10x10mm aluminum profile 200mm	Link	2	1,53 €
		MakerBeam - 10x10mm aluminum profile 100mm	Link	6	0,77 €
		MakerBeam - 10x10mm aluminum profile 60mm	Link	6	0,53 €
		MakerBeam - 10x10mm aluminum profile Corner cubes	Link	6	1,25 €
		MakerBeam - 10x10mm aluminum profile Right angle brackets	Link	6	0,58 €
		MakerBeam - 10x10mm aluminum profile 90 degree brackets	Link	6	0,58 €
		MakerBeam - 10x10mm aluminum profile 45 degree brackets	Link	4	0,58 €
Custom parts	-	3D printed parts (Prusa MK3)	-	15	9,00 €
	-	Lasercut parts (Full spectrum laser PS20)	-	3	1,25 €
TOTAL					1 430,12 €

Protocol implementation

Protocols are contained in text files that the Dual software can interpret to control the setup. Following standardized commands, one can build a custom experimental protocol by controlling the camera acquisition, valve manifolds, and infusion speed (*i.e.* the flow rate).

Here is a typical preference protocol file with alternated exposures to buffer on both sides and product on one side, followed by a quick cleaning of the setup:

```
#
# PROTOCOL: BUFFER - LEFT - BUFFER - RIGHT
#

# --- Header -----

print:Starting protocol BRBL
data:create directory
camera:start

# --- BUFFER CYCLE -----

# --- Fill
camera:comment:Filling (buffer cycle)
switch:L:Buffer
switch:R:Buffer
switch:T:Trash
wait:5000
run:down:1500

# --- Infuse
wait:5000
camera:comment:Infusing (buffer cycle)
switch:L:Circuit
switch:R:Circuit
switch:T:Circuit
wait:5000
run:up:10000

# --- LEFT CYCLE -----

# --- Fill
wait:5000
camera:comment:Filling (left cycle)
switch:L:Stimulus
switch:R:Buffer
switch:T:Trash
wait:5000
run:down:1500

# --- Infuse
wait:5000
camera:comment:Infusing (left cycle)
switch:L:Circuit
switch:R:Circuit
switch:T:Circuit
wait:5000
```

```
run:up:10000

# --- BUFFER CYCLE -----

# --- Fill
wait:5000
camera:comment:Filling (buffer cycle)
switch:L:Buffer
switch:R:Buffer
switch:T:Trash
wait:5000
run:down:1500

# --- Infuse
wait:5000
camera:comment:Infusing (buffer cycle)
switch:L:Circuit
switch:R:Circuit
switch:T:Circuit
wait:5000
run:up:10000

# --- RIGHT CYCLE -----

# --- Fill
wait:5000
camera:comment:Filling (right cycle)
switch:L:Buffer
switch:R:Stimulus
switch:T:Trash
wait:5000
run:down:1500

# --- Infuse
wait:5000
camera:comment:Infusing (right cycle)
switch:L:Circuit
switch:R:Circuit
switch:T:Circuit
wait:5000
run:up:10000

# --- Footer -----

wait:5000
camera:stop

# --- Clean
switch:L:Buffer
switch:R:Buffer
switch:T:Trash
wait:5000

run:down:1500:for:10000
switch:L:Circuit
switch:R:Circuit
switch:T:Circuit
```



```

wait:5000
run:up:10000

# --- Reset valves in default state
wait:5000
switch:L:Buffer
switch:R:Buffer
switch:T:Trash

print:Protocol ended

```

Here is a list of the available commands:

Category	Command	Values	Description
Display	<code>print:msg</code>	<i>string</i>	Print the message <i>msg</i> in the user interface
Data	<code>data:create directory</code>		Create a directory for storing the data of the current run. The path is automatically set with the data root path, the date and run number.
Camera	<code>camera:state</code>	<i>state</i> ={start,stop}	Define the recording state
	<code>camera:comment:msg</code>	<i>string</i>	Insert a message <i>msg</i> inside the current image and append the Milestone.txt file with a line "Frame number \t TimeStamp in nanoseconds \t msg"
Illumination	<code>light:type:status</code>	<i>type</i> ={VIS,IR}, <i>status</i> ={ON,OFF}	Set the illumination LEDs status
Valves	<code>switch:L:mode</code>	<i>mode</i> ={Buffer,Stimulus,Circuit}	Switch the top left syringe's mode
	<code>switch:R:mode</code>	<i>mode</i> ={Buffer,Stimulus,Circuit}	Switch the top right syringe's mode
	<code>switch:T:mode</code>	<i>mode</i> ={Trash,Circuit}	Switch the two bottom syringes' mode
Motor	<code>run:dir:period</code>	<i>dir</i> ={up,down}, integer	Run the motor in a given direction with a velocity defined by the step period, in milliseconds
	<code>run:stop</code>	-	Stop the motor
	<code>run:dir:period:for:time</code>	<i>dir</i> ={up,down}, integer, integer	Run the motor in a given direction with a velocity defined by the step period for a given duration time, in milliseconds
Debugging	<code>wait:time</code>	integer	Delay the execution of the next command by a given time, in millisecond
	<code>blink:status</code>	<i>status</i> ={ON,OFF}	Set the LED status on the PCB to blink if the corresponding valve is switched