Supplementary Information

Zebrafish water preparation

Zebrafish water (ZW) used in the running experiment was prepared in the follow procedures. Running fresh water was passed through 1 μm filters, UV-ray treated, supplemented with African cichlid conditioner (0.015% v/v, Nutrafin), KHBooster (0.015% v/v, Nutrafin), and Aquaplus (0.025% v/v, Nutrafin); pH 7.

Characteristics in CG-MS analysis to study non-polar organic chemical compounds. The features in the analytical procedures to study volatile organic compounds in the face masks and in the water in contact with PDM and HDM fragments are recorded in the **Table S1**.

Table S1. **Characteristics in CG-MS analysis of organic compounds.**

Characteristics of CG-MS	Description		
Injector temperature (ºC)	280		
Injector mode	Splitless		
Splitless time (min)	1		
Column	HP-5MS (60 m x 0.25 mm; 0.25 um)		
Carrier	He		
Carrier Flow (mL/min)	1		
Tª ramp (ºC/min, T (ºC), t (min)	- 8	60 310	2 10
Line Tª transf. (ºC)	320		
Adquisition mode	SCAN		
Time delay (min)	6		
SCAN range (m/Z)	40-500		
Adquisition time (min)	43.25		

Table S2. Summary of the bioinformatic results of the transcriptomic analysis

Sequence reads	Total reads	Trimmed reads	Reads mapped in pairs
Control1	30,475,528	30,475,516	91.16%
Control 3	31,770,346	31,770,328	88.46%
Control4	26,604,726	26,604,652	90.51%
PDM1	27,833,832	27,833,804	91.04%
PDM2	24,666,986	24,666,972	91.55%
PDM3	26,571,964	26,571,948	90.37%
HDM2	22,007,892	22,007,724	90.22%
HDM3	26,712,518	26,712,278	89.83%
HDM5	28,420,482	28,420,462	89.76
W-HDM2	28,690,642	28,690,620	88.25%
W-HDM3	24,039,016	24,039,000	90.41%
W-HDM4	24,038,746	24,038,690	89.69%