Additional file 10 Hypoxia resistance time (h) of the individuals selected for the microbiological analysis.

Hypoxia sensitivity	Individual	LH-LH2	Individual	C-LH2	Individual	C-T	Individual	C-HG2	Individual	HG-HG2
Sensitive	LH-LH2-28	6.04	C-LH2-42	6.16	C-T-47✓	6.37	C-HG2-37	6.62	HG-HG2-25	6.32
Sensitive	LH-LH2-27	6.04	C-LH2-44	6.18	C-T-46	6.37	C-HG2-34	6.65	HG-HG2-58	6.34
Sensitive	LH-LH2-29✓	6.05	C-LH2-5	6.20	C-T-50	6.37	C-HG2-36	6.67	HG-HG2-15	6.37
Sensitive	LH-LH2-13	6.05	C-LH2-40	6.22	C-T-21	6.40	C-HG2-31	6.68	HG-HG2-59	6.39
Mildly sensitive	LH-LH2-55	6.52	C-LH2-41	6.66	C-T-49	6.90	C-HG2-35	7.11	HG-HG2-26	6.98
Mildly sensitive	LH-LH2-10*	6.53	C-LH2-39	6.69	C-T-20*	6.92	C-HG2-7	7.12	HG-HG2-61	7.01
Mildly sensitive	LH-LH2-30✓	6.53	C-LH2-1	6.69	C-T-22	6.98	C-HG2-6*	7.14	HG-HG2-60	7.02
Mildly sensitive	LH-LH2-54	6.60	C-LH2-4*	6.69	C-T-52	6.99	C-HG2-16	7.17	HG-HG2-14	7.03
Resistant	LH-LH2-11	7.77	C-LH2-43	7.65	C-T-53	8.01	C-HG2-32	8.17	HG-HG2-17	8.00
Resistant	LH-LH2-57	7.80	C-LH2-3*	7.65	C-T-51	8.02	C-HG2-38	8.19	HG-HG2-24	8.00
Resistant	LH-LH2-56	7.84	C-LH2-2	7.74	C-T-48	8.03	C-HG2-33*	8.22	HG-HG2-23	8.00
Resistant	LH-LH2-12	7.88	C-LH2-45	7.75	C-T-19	8.03	C-HG2-9	8.26	HG-HG2-18	8.02

*The quality of the PCR products obtained from the individuals marked in grey was not sufficient for pyrosequencing, and these samples were ruled out from the comparison; ✓fish not weighed at 266 dph, and ruled out from the canonical-correlation analysis.