

Supplementary Table S1. Telencephalic expression of neuroendocrine genes in the European seabass i.p. injected with Freud's Incomplete Adjuvant (FIA) or Hank's Balanced Salt Solution (CTRL) and sampled at 4, 24, 48 or 72 h post injection.

<i>Parameters</i>	0h		4h	24h	48h	72h
<i>gr1</i>	0.96 ± 0.09	CTRL	0.95 ± 0.11	0.86 ± 0.20	0.73 ± 0.10	0.74 ± 0.11
		FIA	1.12 ± 0.24	0.87 ± 0.24	0.89 ± 0.22	0.78 ± 0.11
<i>gr2</i>	1.06 ± 0.07#	CTRL	0.99 ± 0.17	0.99 ± 0.19	0.86 ± 0.10	0.77 ± 0.05 *
		FIA	1.06 ± 0.05	0.93 ± 0.13	0.91 ± 0.13	0.78 ± 0.04 *
<i>htr1aβ</i>	1.05 ± 0.37	CTRL	0.85 ± 0.19	0.79 ± 0.13	0.65 ± 0.13 A	0.97 ± 0.19
		FIA	1.04 ± 0.40 ab	0.67 ± 0.10 a	1.09 ± 0.16 Bb	0.96 ± 0.26 ab
<i>htr2a</i>	1.02 ± 0.22	CTRL	1.09 ± 0.27	1.06 ± 0.30	0.98 ± 0.13	0.76 ± 0.23
		FIA	1.24 ± 0.24	0.78 ± 0.13	1.15 ± 0.43	0.90 ± 0.15
<i>htr2b</i>	0.96 ± 0.13 *	CTRL	1.25 ± 0.34	1.10 ± 0.14	0.89 ± 0.02	0.99 ± 0.06
		FIA	1.41 ± 0.28 #	1.00 ± 0.21	1.23 ± 0.21	1.20 ± 0.11
<i>htr2c</i>	1.01 ± 0.18 *	CTRL	1.07 ± 0.29	1.17 ± 0.41 B	0.95 ± 0.07	0.77 ± 0.13
		FIA	1.46 ± 0.14 #b	0.75 ± 0.12 Aa	1.00 ± 0.33 a	0.91 ± 0.18 a
<i>ogfr1</i>	1.02 ± 0.23	CTRL	0.93 ± 0.12 A	0.95 ± 0.12	0.81 ± 0.05	0.76 ± 0.15
		FIA	1.29 ± 0.25 Bb	0.78 ± 0.12 a	0.91 ± 0.12 a	1.00 ± 0.09 a
<i>ogfr2</i>	1.07 ± 0.44	CTRL	0.84 ± 0.16 a	1.79 ± 1.00 Bb	1.06 ± 0.78 ab	1.34 ± 0.28 ab
		FIA	0.82 ± 0.24	0.81 ± 0.18 A	1.25 ± 0.32	1.14 ± 0.14
<i>kor1</i>	1.01 ± 0.15	CTRL	0.88 ± 0.10	0.96 ± 0.23	0.70 ± 0.14	0.88 ± 0.25
		FIA	1.07 ± 0.10 b	0.74 ± 0.10 a	0.94 ± 0.21 ab	0.87 ± 0.12 ab
<i>kor2</i>	1.04 ± 0.15	CTRL	0.82 ± 0.21	0.85 ± 0.26	0.70 ± 0.03	0.73 ± 0.31
		FIA	1.05 ± 0.19	0.75 ± 0.21	0.84 ± 0.09	0.69 ± 0.27
<i>nopr</i>	1.06 ± 0.06 #	CTRL	1.01 ± 0.26	0.68 ± 0.18 *	0.66 ± 0.10 *	0.59 ± 0.07 *
		FIA	0.95 ± 0.20	0.51 ± 0.02 *	0.78 ± 0.23	0.57 ± 0.13 *
<i>muor</i>	1.01 ± 0.17 *	CTRL	1.01 ± 0.21 A	1.00 ± 0.28	0.90 ± 0.13 A	0.92 ± 0.24
		FIA	1.43 ± 0.25 #Bb	0.81 ± 0.16 a	1.30 ± 0.30 Bb	0.92 ± 0.19 a
<i>dor2</i>	0.95 ± 0.23	CTRL	0.69 ± 0.31	0.68 ± 0.40	0.64 ± 0.24	0.55 ± 0.20
		FIA	1.24 ± 0.34	0.66 ± 0.07	0.82 ± 0.18	0.74 ± 0.37
<i>tph1</i>	0.93 ± 0.16	CTRL	1.35 ± 0.47	0.95 ± 0.33	0.69 ± 0.20	0.86 ± 0.21
		FIA	1.36 ± 0.69	0.74 ± 0.21	0.92 ± 0.15	0.84 ± 0.32

Two-way ANOVA										One-way ANOVA	
Parameters				Time				Stimulus		Parameters	i.p. injection
	Time	Stimulus	Time × Stimulus	4h	24h	48h	72h	CTRL	FIA		
<i>gr1</i>	0.003	-	-	b	ab	a	a	-	-	<i>gr1</i>	-
<i>gr2</i>	<0.001	-	-	c	bc	ab	a	-	-	<i>gr2</i>	<0.001
<i>htr1aβ</i>	0.04	-	0.012	ab	a	ab	b	-	-	<i>htr1aβ</i>	-
<i>htr2a</i>	0.01	-	-	b	ab	ab	a	-	-	<i>htr2a</i>	-
<i>htr2b</i>	0.003	0.014	-	b	a	a	a	A	B	<i>htr2b</i>	<0.001
<i>htr2c</i>	-	-	0.001	-	-	-	-	-	-	<i>htr2c</i>	<0.001
<i>ogfr1</i>	-	-	<0.001	-	-	-	-	-	-	<i>ogfr1</i>	-
<i>ogfr2</i>	-	-	0.026	-	-	-	-	-	-	<i>ogfr2</i>	-
<i>kor1</i>	-	-	0.003	-	-	-	-	-	-	<i>kor1</i>	-
<i>kor2</i>	-	-	-	-	-	-	-	-	-	<i>kor2</i>	-
<i>nopr</i>	<0.001	-	-	b	a	a	a	-	-	<i>nopr</i>	<0.001
<i>muor</i>	-	-	0.001	-	-	-	-	-	-	<i>muor</i>	<0.001
<i>dor2</i>	0.033	0.01	-	b	ab	ab	a	A	B	<i>dor2</i>	-
<i>tph1</i>	<0.001	-	-	b	a	a	a	-	-	<i>tph1</i>	-

Values are presented as means ± SD (n=9). P-values from two-way and one-way ANOVA ($p \leq 0.05$). If interaction was significant, Tukey post hoc test was used to identify differences in the experimental treatments. Different capital letters stand for significant differences between the two stimuli. Low case letters represent differences among sampling time. Different symbols indicate significant differences between i.p. injected and undisturbed fish.

Supplementary Table S2. Optic tectum expression of neuroendocrine genes in the European seabass i.p. injected with Freud's Incomplete Adjuvant (FIA) or Hank's Balanced Salt Solution (CTRL) and sampled at 4, 24, 48 or 72 h post injection.

<i>Parameters</i>	0h		4h	24h	48h	72h
<i>gr1</i>	1.04 ± 0.32	CTRL	1.32 ± 0.09	1.11 ± 0.18	1.20 ± 0.20	1.23 ± 0.13
		FIA	0.95 ± 0.12	0.92 ± 0.10	1.08 ± 0.11	1.22 ± 0.23
<i>gr2</i>	1.11 ± 0.48 #	CTRL	1.16 ± 0.24 B	1.06 ± 0.08	0.96 ± 0.14	0.96 ± 0.14
		FIA	0.68 ± 0.12 *Aa	1.01 ± 0.13 b	1.14 ± 0.03 b	1.11 ± 0.13 b
<i>htr1aβ</i>	1.03 ± 0.28	CTRL	1.12 ± 0.17	1.16 ± 0.20	1.11 ± 0.14	1.02 ± 0.31
		FIA	0.89 ± 0.15	1.07 ± 0.33	0.98 ± 0.21	0.91 ± 0.20
<i>htr2a</i>	0.97 ± 0.08	CTRL	1.20 ± 0.30	1.26 ± 0.28	1.19 ± 0.16	0.96 ± 0.27
		FIA	1.06 ± 0.14	1.00 ± 0.12	0.99 ± 0.21	0.97 ± 0.20
<i>htr2b</i>	1.09 ± 0.42	CTRL	1.35 ± 0.28	1.25 ± 0.46	0.97 ± 0.07	0.89 ± 0.07
		FIA	0.90 ± 0.21	1.25 ± 0.28	1.08 ± 0.35	1.09 ± 0.38
<i>htr2c</i>	1.03 ± 0.28	CTRL	1.33 ± 0.29	1.30 ± 0.28	1.34 ± 0.28	1.45 ± 0.34
		FIA	0.84 ± 0.28	1.19 ± 0.24	1.22 ± 0.14	1.45 ± 0.28
<i>ogfr1</i>	0.94 ± 0.16	CTRL	1.12 ± 0.15 B	1.10 ± 0.13	0.86 ± 0.15	1.01 ± 0.25
		FIA	0.71 ± 0.23 A	0.91 ± 0.15	0.89 ± 0.16	0.97 ± 0.17
<i>ogfr2</i>	1.03 ± 0.27 *	CTRL	0.91 ± 0.27 a	3.51 ± 0.63 #Bc	1.66 ± 0.63 #Bb	1.04 ± 0.24 ab
		FIA	0.69 ± 0.08	1.01 ± 0.27 A	0.97 ± 0.08 A	0.88 ± 0.26
<i>kor1</i>	0.90 ± 0.20	CTRL	1.07 ± 0.26	1.08 ± 0.09	1.32 ± 0.49	1.19 ± 0.25
		FIA	1.19 ± 0.28 ab	1.39 ± 0.56 b	1.04 ± 0.21 ab	0.78 ± 0.19 a
<i>kor2</i>	1.07 ± 0.44	CTRL	1.09 ± 0.25	1.15 ± 0.20	0.92 ± 0.12	0.88 ± 0.14
		FIA	0.78 ± 0.14	0.94 ± 0.13	0.83 ± 0.14	0.73 ± 0.22
<i>nopr</i>	1.01 ± 0.17	CTRL	1.29 ± 0.26 Bb	1.28 ± 0.23 Bb	0.78 ± 0.16 a	0.82 ± 0.12 a
		FIA	0.87 ± 0.14 A	0.88 ± 0.19 A	0.81 ± 0.17	0.80 ± 0.14
<i>muor</i>	0.93 ± 0.21 *	CTRL	1.31 ± 0.19 #	1.08 ± 0.19	1.02 ± 0.12	1.15 ± 0.24
		FIA	1.02 ± 0.23	0.96 ± 0.14	0.89 ± 0.07	1.01 ± 0.21
<i>dor2</i>	1.07 ± 0.40	CTRL	1.14 ± 0.31	1.46 ± 0.24	1.11 ± 0.17	1.32 ± 0.30
		FIA	0.83 ± 0.24	1.23 ± 0.14	1.12 ± 0.33	1.17 ± 0.16
<i>tph1</i>	1.20 ± 0.71	CTRL	1.61 ± 1.01	1.45 ± 0.57	1.66 ± 1.08	0.91 ± 0.49
		FIA	0.98 ± 0.72	0.94 ± 0.73	1.41 ± 0.40	0.88 ± 0.36

Two-way ANOVA										One-way ANOVA	
Parameters	Time	Stimulus	Time × Stimulus	Time				Stimulus		Parameters	i.p. injection
				4h	24h	48h	72h	CTRL	FIA		
<i>gr1</i>	0.012	<0.001	-	ab	a	ab	b	B	A	<i>gr1</i>	-
<i>gr2</i>	-	-	<0.001	-	-	-	-	-	-	<i>gr2</i>	0.012
<i>htr1aβ</i>	-	0.032	-	-	-	-	-	B	A	<i>htr1aβ</i>	-
<i>htr2a</i>	-	0.019	-	-	-	-	-	B	A	<i>htr2a</i>	-
<i>htr2b</i>	-	-	-	-	-	-	-	-	-	<i>htr2b</i>	-
<i>htr2c</i>	0.011	0.023	-	a	ab	ab	b	B	A	<i>htr2c</i>	-
<i>ogfr1</i>	-	-	0.018	-	-	-	-	-	-	<i>ogfr1</i>	-
<i>ogfr2</i>	-	-	<0.001	-	-	-	-	-	-	<i>ogfr2</i>	<0.001
<i>kor1</i>	-	-	0.046	-	-	-	-	-	-	<i>kor1</i>	-
<i>kor2</i>	0.01	<0.001	-	ab	b	ab	a	B	A	<i>kor2</i>	-
<i>nopr</i>	-	-	0.002	-	-	-	-	-	-	<i>nopr</i>	<0.001
<i>muor</i>	0.046	0.002	-	b	ab	a	ab	B	A	<i>muor</i>	0.01
<i>dor2</i>	0.003	0.014	-	a	b	ab	b	B	A	<i>dor2</i>	-
<i>tph1</i>	-	-	-	-	-	-	-	-	-	<i>tph1</i>	-

Values are presented as means ± SD (n=9). P-values from two-way and one-way ANOVA ($p \leq 0.05$). If interaction was significant, Tukey post hoc test was used to identify differences in the experimental treatments. Different capital letters stand for significant differences among sampling time. Low case letters represent differences between the two stimuli. Different symbols indicate significant differences between i.p. injected and undisturbed fish.

Supplementary Table S3. Hypothalamic expression of neuroendocrine genes in the European seabass i.p. injected with Freud's Incomplete Adjuvant (FIA) or Hank's Balanced Salt Solution (CTRL) and sampled at 4, 24, 48 or 72 h post injection.

Parameters	0h		4h	24h	48h	72h
<i>gr1</i>	1.04 ± 0.32 *	CTRL	0.88 ± 0.18 a	0.90 ± 0.14 a	1.21 ± 0.20 Aa	1.61 ± 0.15 #b
		FIA	1.04 ± 0.14 a	1.20 ± 0.10 a	1.68 ± 0.12 #Bb	1.57 ± 0.38 #b
<i>gr2</i>	1.07 ± 0.07	CTRL	0.94 ± 0.12 ab	0.79 ± 0.11 a	0.85 ± 0.17 Aab	1.13 ± 0.14 b
		FIA	0.85 ± 0.16 a	0.97 ± 0.06 ab	1.30 ± 0.14 Bb	1.27 ± 0.32 ab
<i>crh</i>	0.93 ± 0.27 *	CTRL	1.36 ± 0.26 ab	1.27 ± 0.32 a	1.33 ± 0.17 ab	1.78 ± 0.16 #b
		FIA	0.94 ± 0.11 a	0.95 ± 0.22 a	1.53 ± 0.51 #b	1.92 ± 0.42 #b
<i>crhbp</i>	1.10 ± 0.54	CTRL	1.09 ± 0.51	0.92 ± 0.37	0.94 ± 0.23	1.48 ± 0.30
		FIA	1.01 ± 0.42	0.54 ± 0.20	0.87 ± 0.19	1.44 ± 0.47
<i>htr1aβ</i>	1.03 ± 0.27	CTRL	1.08 ± 0.17 ab	0.84 ± 0.19 a	0.97 ± 0.22 Aa	1.30 ± 0.08 b
		FIA	0.96 ± 0.22 a	0.84 ± 0.20 a	1.31 ± 0.14 Bb	1.26 ± 0.07 b
<i>htr2a</i>	0.95 ± 0.10	CTRL	0.89 ± 0.14	0.71 ± 0.11	0.96 ± 0.26	0.82 ± 0.19
		FIA	0.85 ± 0.23	0.71 ± 0.25	1.04 ± 0.19	0.90 ± 0.14
<i>htr2b</i>	0.97 ± 0.26	CTRL	0.84 ± 0.41	0.89 ± 0.36	0.88 ± 0.33	1.20 ± 0.16
		FIA	0.80 ± 0.18	1.01 ± 0.40	1.13 ± 0.20	1.22 ± 0.22
<i>htr2c</i>	0.96 ± 0.10	CTRL	1.18 ± 0.26	0.82 ± 0.23	0.91 ± 0.11	1.15 ± 0.21
		FIA	0.95 ± 0.22	0.85 ± 0.17	1.19 ± 0.27	1.13 ± 0.32
<i>ogfr1</i>	0.96 ± 0.11 *	CTRL	1.06 ± 0.26 ab	0.83 ± 0.16 a	0.86 ± 0.14 Aa	1.36 ± 0.21 #b
		FIA	0.86 ± 0.18 a	0.97 ± 0.22 a	1.36 ± 0.15 #Bb	1.37 ± 0.25 #b
<i>ogfr2</i>	1.03 ± 0.25 *	CTRL	0.97 ± 0.21 a	3.30 ± 1.31 #Bb	1.92 ± 0.64 a	1.63 ± 0.38 a
		FIA	0.80 ± 0.09	1.10 ± 0.13 A	1.60 ± 0.03	1.62 ± 0.51
<i>kor1</i>	1.01 ± 0.18	CTRL	0.89 ± 0.16	0.75 ± 0.12	1.04 ± 0.18	1.15 ± 0.13
		FIA	0.83 ± 0.06	0.87 ± 0.30	1.32 ± 0.24	1.21 ± 0.30
<i>kor2</i>	0.92 ± 0.19 *	CTRL	1.10 ± 0.13 a	1.09 ± 0.60 a	1.37 ± 0.29 Aab	1.88 ± 0.22 #b
		FIA	1.15 ± 0.19 a	1.06 ± 0.45 a	2.06 ± 0.39 #Bb	1.57 ± 0.44 ab
<i>nopr</i>	1.02 ± 0.06	CTRL	0.93 ± 0.22	0.70 ± 0.12	0.92 ± 0.10	1.08 ± 0.33
		FIA	0.82 ± 0.28	0.70 ± 0.22	1.10 ± 0.19	0.92 ± 0.13
<i>muor</i>	1.38 ± 0.13 #	CTRL	1.13 ± 0.17	0.95 ± 0.33 *	1.07 ± 0.10	1.31 ± 0.18
		FIA	0.96 ± 0.06 *	0.98 ± 0.30 *	1.39 ± 0.23	1.44 ± 0.21

<i>dor2</i>	0.95 ± 0.47 #	CTRL	0.70 ± 0.23	0.67 ± 0.27	0.56 ± 0.15 A	0.89 ± 0.19
		FIA	0.68 ± 0.15 ab	0.46 ± 0.13 *a	1.09 ± 0.35 Bc	1.05 ± 0.20 bc
<i>tph1</i>	1.67 ± 0.42 #	CTRL	0.66 ± 1.14	0.58 ± 0.35 *	0.67 ± 0.56	0.69 ± 0.65
		FIA	0.48 ± 0.33 *	0.54 ± 0.53 *	1.20 ± 0.15	0.67 ± 0.64

Two-way ANOVA										One-way ANOVA	
Parameters	Time	Stimulus	Time × Stimulus	Time				Stimulus		Parameters	i.p. injection
				4h	24h	48h	72h	CTRL	FIA		
<i>gr1</i>	<0.001	<0.001	0.014	a	a	b	b	A	B	<i>gr1</i>	<0.001
<i>gr2</i>	<0.001	0.001	0.006	a	a	ab	b	A	B	<i>gr2</i>	-
<i>crh</i>	-	-	0.022	-	-	-	-	-	-	<i>crh</i>	<0.001
<i>crhbp</i>	<0.001	-	-	a	a	a	b	-	-	<i>crhbp</i>	-
<i>htr1aβ</i>	<0.001	-	0.01	ab	a	b	b	-	-	<i>htr1aβ</i>	-
<i>htr2a</i>	0.006	-	-	ab	a	b	ab	-	-	<i>htr2a</i>	-
<i>htr2b</i>	0.023	-	-	a	ab	ab	b	-	-	<i>htr2b</i>	-
<i>htr2c</i>	0.012	-	-	ab	a	ab	b	-	-	<i>htr2c</i>	-
<i>ogfr1</i>	-	-	<0.001	-	-	-	-	-	-	<i>ogfr1</i>	<0.001
<i>ogfr2</i>	-	-	<0.001	-	-	-	-	-	-	<i>ogfr2</i>	<0.001
<i>kor1</i>	<0.001	-	-	a	a	b	b	-	-	<i>kor1</i>	-
<i>kor2</i>	-	-	0.014	-	-	-	-	-	-	<i>kor2</i>	<0.001
<i>nopr</i>	0.002	-	-	ab	a	b	b	-	-	<i>nopr</i>	-
<i>muor</i>	<0.001	-	-	ab	a	bc	c	-	-	<i>muor</i>	<0.001
<i>dor2</i>	-	-	<0.001	-	-	-	-	-	-	<i>dor2</i>	<0.001
<i>tph1</i>	-	-	-	-	-	-	-	-	-	<i>tph1</i>	0.02

Values are presented as means ± SD (n=9). P-values from two-way and one-way ANOVA ($p \leq 0.05$). If interaction was significant, Tukey post hoc test was used to identify differences in the experimental treatments. Different capital letters stand for significant differences among sampling time. Low case letters represent differences between the two stimuli. Different symbols indicate significant differences between i.p. injected and undisturbed fish.

Supplementary Table S4. Pituitary gland expression of neuroendocrine genes in the European seabass i.p. injected with Freud's Incomplete Adjuvant (FIA) or Hank's Balanced Salt Solution (CTRL) and sampled at 4, 24, 48 or 72 h post injection.

<i>Parameters</i>	0h		4h	24h	48h	72h
<i>gr1</i>	1.11 ± 0.67	CTRL	1.70 ± 0.30 b	1.11 ± 0.14 a	1.13 ± 0.15 a	1.10 ± 0.04 a
		FIA	1.61 ± 0.31 b	0.89 ± 0.08 a	1.34 ± 0.18 b	1.02 ± 0.19 a
<i>pomc</i>	1.03 ± 0.37	CTRL	1.30 ± 0.63	1.21 ± 0.16	1.39 ± 0.28	1.55 ± 0.29
		FIA	1.31 ± 0.25 ab	0.98 ± 0.25 a	1.50 ± 0.30 b	1.09 ± 0.28 ab
<i>htr1aβ</i>	1.00 ± 0.14 #	CTRL	0.29 ± 0.07 *b	0.22 ± 0.02 *ab	0.11 ± 0.01 *a	0.14 ± 0.06 *ab
		FIA	0.34 ± 0.05 *b	0.13 ± 0.06 *a	0.16 ± 0.08 *a	0.15 ± 0.07 *a
<i>htr2a</i>	1.00 ± 0.07 #	CTRL	0.41 ± 0.11 *	0.31 ± 0.08 *	0.23 ± 0.02 *	0.21 ± 0.13 *
		FIA	0.52 ± 0.12 *	0.21 ± 0.06 *	0.16 ± 0.04 *	0.16 ± 0.05 *
<i>htr2b</i>	1.00 ± 0.04	CTRL	0.92 ± 0.77	1.08 ± 0.15	0.85 ± 0.04	0.88 ± 0.40
		FIA	1.35 ± 0.41	0.89 ± 0.24	0.67 ± 0.17	1.01 ± 0.31
<i>htr2c</i>	1.03 ± 0.32 #	CTRL	0.78 ± 0.13	0.54 ± 0.14	0.81 ± 0.24	0.68 ± 0.28
		FIA	0.54 ± 0.21	0.36 ± 0.14 *	0.69 ± 0.28	0.55 ± 0.23
<i>muor</i>	1.00 ± 0.11	CTRL	1.40 ± 1.69	1.00 ± 0.40	0.64 ± 0.26	0.63 ± 0.38
		FIA	1.16 ± 0.35	0.55 ± 0.20	0.77 ± 0.22	0.49 ± 0.16
<i>kor1</i>	1.01 ± 0.24	CTRL	0.55 ± 0.62	0.57 ± 0.12	0.50 ± 0.21	0.64 ± 0.37
		FIA	0.77 ± 0.37	0.66 ± 0.18	0.79 ± 0.17	0.67 ± 0.30
<i>dor2</i>	1.13 ± 0.74 #	CTRL	0.64 ± 0.02	0.33 ± 0.09 *	0.31 ± 0.06 *	0.85 ± 0.22
		FIA	0.53 ± 0.07	0.23 ± 0.09 *	0.55 ± 0.34	0.47 ± 0.50

Two-way ANOVA										One-way ANOVA	
Parameters	Time	Stimulus	Time × Stimulus	Time				Stimulus		Parameters	i.p. injection
				4h	24h	48h	72h	CTRL	FIA		
<i>gr1</i>	<0.001	-	0.013	c	a	b	a	-	-	<i>gr1</i>	-
<i>pomc</i>	0.013	-	0.053	ab	a	b	ab	-	-	<i>pomc</i>	-
<i>htr1a</i>	<0.001	-	0.032	b	a	a	a	-	-	<i>htr1a</i>	<0.001
<i>htr2a</i>	<0.001	-	-	b	a	a	a	-	-	<i>htr2a</i>	<0.001
<i>htr2b</i>	-	-	-	-	-	-	-	-	-	<i>htr2b</i>	-
<i>htr2c</i>	0.011	0.02	-	ab	a	b	ab	B	A	<i>htr2c</i>	0.007
<i>muor</i>	0.01	-	-	b	ab	a	a	-	-	<i>kor1</i>	-
<i>kor1</i>	-	-	-	-	-	-	-	-	-	<i>muor</i>	-
<i>dor2</i>	0.004	-	-	ab	a	ab	b	-	-	<i>dor2</i>	0.004

Values are presented as means ± SD (n=9). P-values from two-way and one-way ANOVA ($p \leq 0.05$). If interaction was significant, Tukey post hoc test was used to identify differences in the experimental treatments. Different capital letters stand for significant differences among sampling time. Low case letters represent differences between the two stimuli. Different symbols indicate significant differences between i.p. injected and undisturbed fish.