Supplementary Table 1. Results of ANOVA for weight, TUNEL signals and BrdU signals before and after TPF administration in mice that drank room temperature water or ice-cold water. The table is based on data shown in Figures 1–3.

			Two-way ANOVA					
	One-way ANOVA		**Effect of drinking condition**		**Effect of time**		**Drinking condition × time interaction**	
	F	***P***	***F***	***P***	***F***	***P***	***F***	***P***
Weight (RT water)	(10, 33) = 2.23	< 0.05	(1, 60) = 0.34	NS	(10, 60) = 12.26	< 0.001	(10, 60) = 2.20	< 0.05
(Ice-cold water)	(10, 33) = 3.78	< 0.01						
TUNEL (RT water)	(4, 54) = 8.00	< 0.001	(1, 115) = 11.62	< 0.001	(4, 115) = 12.09	< 0.001	(4, 115) = 1.99	NS
(Ice-cold water)	(4, 59) = 4.20	< 0.01						
BrdU (RT water)	(4, 53) = 19.44	< 0.001	(1, 97) = 41.59	< 0.001	(4, 97) = 32.37	< 0.001	(4, 97) = 0.95	NS
(Ice-cold water)	(4, 44) = 12.60	< 0.001						

Abbreviations: BrdU, bromodeoxyuridine; NS, not significant; RT, room temperature; TPF, docetaxel, cisplatin and fluorouracil; TUNEL, terminal deoxynucleotidyl transferase dUTP nick end labeling.

Supplementary Table 2. The number of TUNEL-positive cells per taste bud in the circumvallate papillae. The table is based on data shown in Figure 2.

	RT water	**Ice-cold water**
Control	0.15	0.13
3 days	0.52	0.12
5 days	0.72	0.49
8 days	0.26	0.19
10 days	0.26	0.20

Abbreviations: TUNEL, terminal deoxynucleotidyl transferase dUTP nick end labeling; RT, room temperature.

Supplementary Table 3. The number of BrdU-positive cells per taste bud in the circumvallate papillae. The table is based on data shown in Figure 3.

	RT water	**Ice-cold water**
Control	1.64	1.58
3 days	2.42	2.00
5 days	4.20	3.20
8 days	3.03	2.40
10 days	2.13	1.41

Abbreviations: BrdU, bromodeoxyuridine; RT, room temperature.

Supplementary Table 4. Results of ANOVA for taste cell marker expression (Gust, T1R3, PLCβ2 and CaIV) and glossopharyngeal nerve responses after TPF administration in mice that drank RT water or ice-cold water. The table is based on data shown in Figures 4–5.

	One-way ANOVA	
	F	***P***
Gust	(2, 384) = 21.16	< 0.001
T1R3	(2, 459) = 4.37	< 0.05
PLCβ2	(2, 410) = 21.16	< 0.001
CaIV	(2, 387) = 3.67	< 0.005
NaCl	(2, 9) = 2.04	0.19
HCl	(2, 8) = 0.17	0.84
Sucrose	(2, 7) = 8.17	< 0.05
MPG	(2, 7) = 17.12	< 0.01
QHCl	(2, 7) = 13.13	< 0.01

Abbreviations: CaIV, carbonic anhydrase IV; Gust, Gα-gustducin; MPG, monopotassium glutamate; PLCβ2, phospholipase C-beta 2; QHCl, quinine hydrochloride; RT, room temperature; T1R3, taste receptor type 1 member 3; TPF, docetaxel, cisplatin and fluorouracil.

Supplementary Table 5. The number of cells expressing taste cell markers in the circumvallate papillae. The table is based on data shown in Figure 4.

	Gust	**T1R3**	**PLCβ2**	**CaIV**
Control	6.28	4.06	6.08	2.82
RT water (10 days)	3.25	3.42	4.04	2.25
Ice-cold water (10 days)	4.08	3.99	4.63	2.56

Abbreviations: CaIV, carbonic anhydrase IV; Gust, Gα-gustducin; PLCβ2, phospholipase C-beta 2; RT, room temperature; T1R3, taste receptor type 1 member 3.